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FORM 10-K

TITAN INTERNATIONAL INC - TWI

Filed: February 26, 2015 (period: December 31, 2014)

Annual report with a comprehensive overview of the company

UNITED STATES
SECURITIES AND EXCHANGE COMMISSION
Washington, D.C. 20549



FORM 10-K

☒ ANNUAL REPORT PURSUANT TO SECTION 13 OR 15(d) OF THE SECURITIES EXCHANGE ACT OF 1934

For the fiscal year ended December 31, 2014
or

☐ TRANSITION REPORT PURSUANT TO SECTION 13 OR 15(d) OF THE SECURITIES EXCHANGE ACT OF 1934

Commission file number 1-12936

TITAN INTERNATIONAL, INC.
(Exact name of registrant as specified in its charter)

Illinois

(State or other jurisdiction of incorporation or organization)

36-3228472

(I.R.S. Employer Identification No.)

2701 Spruce Street, Quincy, IL 62301
(Address of principal executive offices)

(217) 228-6011

(Registrant's telephone number, including area code)

Securities registered pursuant to Section 12(b) of the Act:

Title of each class	Name of each exchange on which registered
Common stock, no par value	New York Stock Exchange (Symbol: TWI)

Securities registered pursuant to Section 12(g) of the Act: None

Indicate by check mark if the registrant is a well-known seasoned issuer, as defined by Rule 405 of the Securities Act. Yes ☐ No ☒

Indicate by check mark if the registrant is not required to file reports pursuant to Section 13 or Section 15(d) of the Act. Yes ☐ No ☒

Indicate by check mark whether the registrant (1) has filed all reports required to be filed by Section 13 or 15(d) of the Securities Exchange Act of 1934 during the preceding 12 months (or such shorter period that the registrant was required to file such reports) and (2) has been subject to such filing requirements for the past 90 days. Yes ☒ No ☐

Indicate by check mark whether the registrant has submitted electronically and posted on its corporate Web site, if any, every Interactive Data File required to be submitted and posted pursuant to Rule 405 of Regulation S-T during the preceding 12 months (or for such shorter period that the registrant was required to submit and post such files). Yes ☒ No ☐

Indicate by check mark if disclosure of delinquent filers pursuant to Item 405 of Regulation S-K is not contained herein, and will not be contained, to the best of registrant's knowledge, in definitive proxy or information statements incorporated by reference in Part III of this Form 10-K or any amendment to this Form 10-K. ☐

Indicate by check mark whether the registrant is a large accelerated filer, an accelerated filer, or a non-accelerated filer, or a smaller reporting company. See definitions of "large accelerated filer," "accelerated filer" and "smaller reporting company" in Rule 12b-2 of the Exchange Act.

Large accelerated filer ☒

Accelerated filer ☐

Non-accelerated filer ☐ (Do not check if a smaller reporting company)

Smaller reporting company ☐

Indicate by check mark whether the registrant is a shell company (as defined in Rule 12b-2 of the Act). Yes ☐ No ☒

The aggregate market value of the shares of common stock of the registrant held by non-affiliates was approximately \$739 million based upon the closing price of the common stock on the New York Stock Exchange on June 30, 2014.

As of February 10, 2015, a total of 53,763,016 shares of common stock of the registrant were outstanding.

DOCUMENTS INCORPORATED BY REFERENCE

Portions of the registrant's definitive proxy statement for the annual meeting of stockholders to be held on June 4, 2015, are incorporated by reference into Part III of this Form 10-K.

TITAN INTERNATIONAL, INC.
Index to Annual Report on Form 10-K

	<u>Page</u>
<u>Part I.</u>	
<u>Item 1.</u> <u>Business</u>	<u>3</u>
<u>Item 1A.</u> <u>Risk Factors</u>	<u>11</u>
<u>Item 1B.</u> <u>Unresolved Staff Comments</u>	<u>15</u>
<u>Item 2.</u> <u>Properties</u>	<u>15</u>
<u>Item 3.</u> <u>Legal Proceedings</u>	<u>16</u>
<u>Item 4.</u> <u>Mine Safety Disclosures</u>	<u>16</u>
<u>Part II.</u>	
<u>Item 5.</u> <u>Market for Registrant’s Common Equity, Related Stockholder Matters and Issuer Purchases of Equity Securities</u>	<u>17</u>
<u>Item 6.</u> <u>Selected Financial Data</u>	<u>18</u>
<u>Item 7.</u> <u>Management’s Discussion and Analysis of Financial Condition and Results of Operations</u>	<u>19</u>
<u>Item 7A.</u> <u>Quantitative and Qualitative Disclosures about Market Risk</u>	<u>42</u>
<u>Item 8.</u> <u>Financial Statements and Supplementary Data</u>	<u>42</u>
<u>Item 9.</u> <u>Changes in and Disagreements with Accountants on Accounting and Financial Disclosure</u>	<u>42</u>
<u>Item 9A.</u> <u>Controls and Procedures</u>	<u>42</u>
<u>Item 9B.</u> <u>Other Information</u>	<u>43</u>
<u>Part III.</u>	
<u>Item 10.</u> <u>Directors, Executive Officers and Corporate Governance</u>	<u>44</u>
<u>Item 11.</u> <u>Executive Compensation</u>	<u>44</u>
<u>Item 12.</u> <u>Security Ownership of Certain Beneficial Owners and Management and Related Stockholder Matters</u>	<u>45</u>
<u>Item 13.</u> <u>Certain Relationships and Related Transactions, and Director Independence</u>	<u>45</u>
<u>Item 14.</u> <u>Principal Accountant Fees and Services</u>	<u>45</u>
<u>Part IV.</u>	
<u>Item 15.</u> <u>Exhibits and Financial Statement Schedules</u>	<u>46</u>
	<u>47</u>
	<u>48</u>

PART I

ITEM 1 – BUSINESS

INTRODUCTION

Titan International, Inc. and its subsidiaries (Titan or the Company) hold the position of being a global wheel, tire and undercarriage industrial group servicing customers across its target markets. As a leading manufacturer in the off-highway industry, Titan produces a broad range of specialty products to meet the specifications of original equipment manufacturers (OEMs) and aftermarket customers in the agricultural, earthmoving/construction and consumer markets. As a manufacturer of both wheels and tires, the Company is uniquely positioned to offer customers added value through complete wheel and tire assemblies. Titan's agricultural market includes rims, wheels, tires and undercarriage systems and components manufactured for use on various agricultural and forestry equipment. Titan's earthmoving/construction market includes rims, wheels, tires and undercarriage systems and components for various types of off-the-road (OTR) earthmoving, mining, military and construction equipment. The Company's consumer market includes bias truck tires in Latin America and light truck tires in Russia, as well as products for all-terrain vehicles (ATVs) and recreational/utility trailers.

As one of the few companies dedicated to off-highway wheels, tires and assemblies, Titan's engineering and manufacturing resources are focused on designing quality products that address the needs of our end-users. Titan's team of experienced engineers continually works on new and improved engineered solutions that evolve with today's applications for the off-highway wheel, tire and assembly markets.

- **History**

The Company traces its roots to the Electric Wheel Company in Quincy, Illinois, which was founded in 1890. Titan was incorporated in 1983. The Company has grown through six major acquisitions in recent years. In 2005, Titan Tire Corporation, a subsidiary of the Company, acquired The Goodyear Tire & Rubber Company's North American farm tire assets. In 2006, Titan Tire Corporation of Bryan, a subsidiary of the Company, acquired the off-the-road (OTR) tire assets of Continental Tire North America, Inc. In 2011, the Company acquired The Goodyear Tire & Rubber Company's Latin American farm tire business. In August 2012, the Company purchased a 56% controlling interest in Planet Corporation Group, now known as Titan National (Australia) Holdings PTY LTD (TNAH). In October 2012, the Company completed its acquisition of Titan Europe. In October 2013, the Company in partnership with One Equity Partners (OEP) and the Russian Direct Investment Fund (RDIF) closed the acquisition of an 85% interest in Voltyre-Prom, a leading producer of agricultural and industrial tires in Volgograd, Russia. In the first half of 2014, the partnership of Titan, OEP, and RDIF purchased an additional 15% to bring the total Voltyre-Prom ownership to 100% for the partnership. These acquisitions have allowed Titan to expand its global footprint and enhance product offering in the Company's target markets.

- **Market Segments**

In 2014, Titan's agricultural segment sales represented 54% of net sales, the earthmoving/construction segment represented 32% and the consumer segment represented 14% of net sales.

COMPETITIVE STRENGTHS

Titan's strong market position in the off-highway wheel, tire and undercarriage market, and its long-term core customer relationships contribute to the Company's competitive strengths. Titan produces both wheels and tires which uniquely allows the Company to provide a one-stop solution for its customers' wheel and tire assembly needs. These strengths, along with Titan's dedication to the off-highway equipment market, continue to drive the Company forward.

- **Strong Market Position**

Titan's ability to offer a broad range of specialized wheels, tires, assemblies and undercarriage systems and components has resulted in the Company's strong position in the global off-highway market. Through a diverse dealer network, the Company is able to reach an increasing number of customers in the aftermarket and build Titan's image and brand recognition. The Company's acquisition of the Goodyear Farm Tire brand in North America and Latin America contributes to overall visibility and customer confidence. Titan gained a strong presence in Europe and other parts of the world through the 2012 acquisition of Titan Europe. The 2013 acquisition of Voltyre-Prom expanded Titan's footprint into the Commonwealth of Independent States (CIS) region. Years of product design and engineering experience have enabled Titan to improve existing products and develop new ones that have been well received in the marketplace. In addition, Titan believes it has benefited from significant barriers to entry, such as the substantial investment necessary to replicate the Company's manufacturing equipment and numerous tools, dies and molds, many of which are used in custom processes.

- **Wheel and Tire Manufacturing Capabilities**

The Company's unique position as a manufacturer of both wheels and tires allows Titan to mount and deliver one of the largest selections of off-highway assemblies in North America. Titan offers this value-added service of one-stop shopping for wheel and tire assemblies for the agricultural, earthmoving/construction and consumer segments. Both standard and Low Sidewall (LSW) assemblies are delivered as a single, complete unit based on each customer's unique requirements.

- **Long-Term Core Customer Relationships**

The Company's top customers, including global leaders in agricultural and construction equipment manufacturing, have been purchasing products from Titan or its predecessors for numerous years. Customers including AGCO Corporation, Caterpillar Inc., CNH Global N.V., Deere & Company and Kubota Corporation have helped sustain Titan's leadership in wheel, tire and assembly innovation.

BUSINESS STRATEGY

Titan's business strategy is to increase its presence in the segments it serves through its one-stop assembly solutions, including LSW technology. The Company continues to seek global expansion of this complete wheel and tire assembly product offering within the geographies it competes. This may be through strategic worldwide acquisitions or through expanded manufacturing capabilities in regions where the Company lacks either the wheel or the tire production. In addition, Titan continually seeks to improve operating efficiencies and gain additional synergies from more recent acquisitions.

- **Giant Mining Tire Product**

The Company's 2006 acquisition of the OTR tire assets of Continental Tire North America, Inc. in Bryan, Ohio, expanded Titan's product offering into larger earthmoving, construction and mining tires. The Company subsequently expanded the Bryan facility production capacity to include giant mining tires. The mining tire market is expected to offer long-term opportunities.

- **Low Sidewall (LSW) Technology**

The Company has developed a LSW tire technology, featuring a larger rim diameter and a smaller sidewall than standard tires. As a cornerstone of the Company's strategy, Titan continues to expand the LSW product offering in both the agricultural and construction segments. Titan's unique capabilities as both a wheel and tire manufacturer allow the Company to drive further adoption within these markets. Titan seeks to be at the forefront of off-road equipment advancement through the innovation of its LSW solution with the belief that it will become the industry standard.

The Company follows an adoption strategy whereby LSW assemblies are placed with certain end users in order to demonstrate the superior performance of this innovative solution. With LSW, these end users experience reduced power hop, road lope, soil compaction, as well as improved safety and performance. Both power hop and road lope, can disturb ride and impede equipment performance. The LSW technology has been widely adopted within the automotive industry for many years. The benefits translate to Titan's markets through superior comfort, ride and fuel economy.

- **Increase Aftermarket Tire Business**

The Company has concentrated on increasing its presence in the tire aftermarket, which historically has tended to be somewhat less cyclical than the OEM market. The aftermarket also offers the potential for higher profit margins and is a larger market in most cases.

- **Improve Operating Efficiencies**

The Company constantly works to improve the operating efficiency of its assets and manufacturing facilities. Titan integrates each facility's strengths, which may include transferring equipment and business to the facilities that are best equipped to handle the work. This provides capability to increase utilization and spread operating costs over a greater volume of products. Titan is also continuing a comprehensive program to refurbish, modernize and enhance the technology of its equipment.

- **Enhance Design Capacity and New Product Development**

Equipment manufacturers constantly face changing industry dynamics. Titan directs its business and marketing strategy to understand and address the needs of its customers and demonstrate the advantages of its products. In particular, the Company often collaborates with customers in the design of new and enhanced products. Titan recommends modified products to its customers based on its own market information. These value-added services enhance Titan's relationships with its customers. The Company tests new designs and technologies and develops methods of manufacturing to improve product quality and performance. Titan's engineers have introduced designs for giant mining wheels and tires, which employ an innovative steel radial construction technology. Titan has also developed a Low Sidewall (LSW) tire technology, featuring a larger rim diameter and smaller sidewall than standard tires, which helps reduce power hop, road lope, soil compaction, and provides improved safety and performance.

- **Explore Additional Strategic Acquisitions**

The Company's expertise in the manufacture of off-highway wheels, tires and undercarriage systems and components has permitted it to take advantage of opportunities to acquire businesses that complement this product line. In the future, Titan may make additional strategic acquisitions of businesses that have an off-highway focus. The Company continually explores worldwide opportunities to expand manufacturing and distribution in order to serve new and existing geographies.

For additional information concerning the revenues, certain expenses, income from operations and assets attributable to each of the segments in which the Company operates, see Note 35 to the Company's consolidated financial statements, included in Item 8 of our 2014 Form 10-K.

AGRICULTURAL SEGMENT

Titan's agricultural rims, wheels, tires and undercarriage systems and components are manufactured for use on various agricultural equipment, including tractors, combines, skidders, plows, planters and irrigation equipment, and are sold directly to OEMs and to the aftermarket through independent distributors, equipment dealers and Titan's own distribution centers. The wheels and rims range in diameter from 9 to 54 inches, with the 54-inch diameter being the largest agricultural wheel manufactured in North America. Basic configurations are combined with distinct variations (such as different centers and a wide range of material thickness) allowing the Company to offer a broad line of products to meet customer specifications. Titan's agricultural tires range from approximately 1 foot to approximately 7 feet in outside diameter and from 5 to 49 inches in width. The Company offers the added value of delivering a complete wheel and tire assembly to customers.

EARTHMOVING/CONSTRUCTION SEGMENT

The Company manufactures rims, wheels, tires and undercarriage systems and components for various types of OTR earthmoving, mining, military, construction and forestry equipment, including skid steers, aerial lifts, cranes, graders and levelers, scrapers, self-propelled shovel loaders, articulated dump trucks, load transporters, haul trucks, backhoe loaders, crawler tractors, lattice cranes, shovels and hydraulic excavators. The earthmoving/construction market is often referred to as OTR, an acronym for off-the-road. The Company provides OEM and aftermarket customers with a broad range of earthmoving/construction wheels ranging in diameter from 20 to 63 inches and in weight from 125 pounds to 7,000 pounds. The 63-inch diameter wheel is the largest manufactured in North America for the earthmoving/construction market. Titan's earthmoving/construction tires range from approximately 3 feet to approximately 13 feet in outside diameter and in weight from 50 pounds to 12,500 pounds. The Company offers the added value of wheel and tire assembly for certain applications in the earthmoving/construction segment.

CONSUMER SEGMENT

Titan manufactures bias truck tires in Latin America and light truck tires in Russia, provides wheels and tires and assembles brakes, actuators and components for the domestic boat, recreational and utility trailer markets. Titan also offers select products for ATVs, turf, and golf cart applications.

SEGMENT SALES

(Amounts in thousands)	Year ended December 31,					
	2014		2013		2012	
	Net Sales	% of Total Net Sales	Net Sales	% of Total Net Sales	Net Sales	% of Total Net Sales
Agricultural	\$ 1,016,882	54%	\$ 1,182,187	55%	\$ 1,080,412	59%
Earthmoving/construction	610,596	32%	749,115	34%	501,617	28%
Consumer	268,049	14%	232,293	11%	238,649	13%
	<u>\$ 1,895,527</u>		<u>\$ 2,163,595</u>		<u>\$ 1,820,678</u>	

MARKET CONDITIONS OUTLOOK

In 2014, Titan experienced lower sales than 2013. The lower sales levels were primarily the result of decreased demand for high horsepower equipment used in the agricultural market, and decreased demand in the earthmoving/construction segment primarily for products used in the mining industry. These decreases were partially offset by increased demand for products used in the construction industry. In addition, competitive pressures resulting in price erosion, negatively impacted both sales and margins.

OPERATIONS

Titan's operations include manufacturing wheels, manufacturing tires, combining these wheels and tires into assemblies, and manufacturing undercarriage systems and components for use in the agricultural, earthmoving/construction and consumer markets. These operations entail many manufacturing processes in order to complete the finished products.

- **Wheel Manufacturing Process**

Most agricultural wheels are produced using a rim and a center disc. A rim is produced by first cutting large steel sheets to required width and length specifications. These steel sections are rolled and welded to form a circular rim, which is flared and formed in the rollform operation. The majority of discs are manufactured using presses that both blank and form the center to specifications in multiple stage operations. The Company e-coats wheels using a multi-step process prior to the final paint top coating.

Large earthmoving/construction steel wheels are manufactured from hot and cold-rolled steel sections. Hot-rolled sections are generally used to increase cross section thickness in high stress areas of large diameter wheels. A special cold forming process for certain wheels is used to increase cross section thickness while reducing the number of wheel components. Rims are built from a series of hoops that are welded together to form a rim base. The complete rim base is made from either three or five separate parts that lock together after the rubber tire has been fitted to the wheel and inflated.

For most wheels in our consumer segment, the Company manufactures rims and center discs from steel sheets. Rims are rolled and welded, and discs are stamped and formed from the sheets. The manufacturing process then entails welding the rims to the centers and painting the assembled product.

- **Tire Manufacturing Process**

The first stage in tire production is the mixing of rubber, carbon black and chemicals to form various rubber compounds. These rubber compounds are then extruded and processed with textile or steel materials to make specific components. These components – beads (wire bundles that anchor the tire with the wheel), plies (layers of fabric that give the tire strength), belts (fabric or steel fabric wrapped under the tread in some tires), tread and sidewall – are then assembled into an uncured tire carcass. The uncured carcass is placed into a press that molds and vulcanizes the carcass under set time, temperature and pressure into a finished tire.

- **Wheel and Tire Assemblies**

The Company's position as a manufacturer of both wheels and tires allows Titan to mount and deliver one of the largest selections of off-highway assemblies in North America. Titan offers this value-added service of one-stop shopping for wheel and tire assemblies for the agricultural, earthmoving/construction and consumer segments. Both standard and LSW assemblies are delivered as a single, complete unit based on each customer's unique requirements.

- **Undercarriage Manufacturing Process**

The undercarriage components (track groups, track and carrier rollers, idler assemblies and sprockets) are all manufactured from steel and produced according to specifications.

All of the track groups produced by the Company are built from four major parts: shoes, right and left hand links, pins and bushings. Shoes are manufactured from steel cast in the Company foundry or obtained from different shapes of hot rolled profiles (depending on application), sheared to length, and then heat treated for high wear bending and breaking resistance. Right and left hand links are hot forged, trimmed, mass heat treated, machined and finally induction hardened on rail surface for optimal wear and fatigue resistance. Pins are made from round bars that are cut, machined, heat treated and surface finished. Bushings are generally cold extruded, machined, mass heat treated, and finally carburized or induction hardened for wear resistance and optimal toughness.

The lifetime lubricated and maintenance free track and carrier rollers are assembled with two major components: single or double flange roller shells (typically hot forged in halves, deep hardened, friction or arc welded and finish machined with metallurgical characteristics depending upon size and application) and shafts (generally cut from bars or forged, mass heat treated, rough machined, induction hardened and ground).

The idler assemblies are also lifetime lubricated, for virtually no maintenance. They are offered with cast (single web or hollow design) or fabricated shells, depending on size and application, and feature induction hardened tread surfaces for optimal wear resistance.

The sprockets, designed to transfer the machine driving loads from the final drive to the track, are produced cast or forged in several geometric options, depending upon size and application. They are also heat treated for wear resistance and cracking resistance.

The undercarriage systems, custom designed and produced by the Company, consist of a structured steel fabricated frame, all the undercarriage components mentioned above (track groups, track and carrier rollers, sprockets and idler assemblies) and a final drive. They are completely assembled in house, for consistent quality.

- **Quality Control**

The Company is ISO certified at all five main domestic manufacturing facilities located in Bryan, Ohio; Des Moines, Iowa; Freeport, Illinois; Quincy, Illinois; and Saltville, Virginia, and at the majority of the foreign manufacturing facilities, as well. The ISO series is a set of related and internationally recognized standards of management and quality assurance. The standards specify guidelines for establishing, documenting and maintaining a system to ensure quality. The ISO certifications are a testament to Titan's dedication to providing quality products for its customers.

RAW MATERIALS

Steel and rubber are the primary raw materials used by the Company in all segments. To ensure a consistent steel supply, Titan purchases raw steel from key steel mills and maintains relationships with steel processors for steel preparation. The Company is not dependent on any single producer for its steel supply. Rubber and other raw materials for tire manufacture represent some of the Company's largest commodity expenses. Titan buys rubber in markets where there are usually several sources of supply. In addition to the development of key domestic suppliers, the Company's strategic procurement plan includes international steel and rubber suppliers to assure competitive price and quality in the global marketplace. As is customary in the industry, the Company does not have long-term contracts for the purchase of steel or rubber and, therefore, purchases are subject to price fluctuations. Titan has developed a procurement strategy and practice that will mitigate price risk and lower cost.

CAPITAL EXPENDITURES

Capital expenditures for 2014, 2013 and 2012 were \$58.4 million, \$80.1 million and \$65.7 million, respectively. The capital expenditures in each year were used primarily for updating manufacturing equipment and for further automation at the Company's facilities. Capital expenditures for 2015 are forecasted to be approximately \$65 million. These capital expenditures are anticipated to be used to primarily enhance the Company's existing facilities and manufacturing capabilities, and drive productivity gains.

PATENTS, TRADEMARKS AND ROYALTIES

The Company owns various patents and trademarks and continues to apply for patent protection for new products. Due to the difficult nature of predicting the interpretation of patent laws, the Company cannot anticipate or predict any material adverse effect on its operations, cash flows or financial condition as a result of associated liabilities created under such patent interpretations should the Company be unable to protect its patents or found to be infringing others' patents.

The Company has a trademark license agreement with The Goodyear Tire & Rubber Company to manufacture and sell certain tires in North America and Latin America under the Goodyear name. The North American and Latin American farm tire royalties were prepaid through March 2018 as a part of the 2011 Goodyear Latin American farm tire acquisition. In May 2012, the Company and Goodyear entered into an agreement under which Titan will sell certain non-farm tire products directly to third party customers and pay a royalty to Goodyear.

MARKETING AND DISTRIBUTION

The Company employs an internal sales force and utilizes several manufacturing representative firms for sales in North America, Europe, Latin America, the CIS region, and other worldwide locations. Sales representatives are primarily organized within geographic regions.

Titan distributes wheels, tires, assemblies, and undercarriage systems directly to OEMs. The distribution of aftermarket tires occurs primarily through a network of independent and OEM-affiliated dealers. The Company distributes wheels, tires, wheel and tire assemblies, and undercarriage systems directly to OEMs and aftermarket customers through its distribution network consisting of facilities worldwide.

SEASONALITY

Agricultural equipment sales are seasonal by nature. Farmers generally order equipment to be delivered before the growing season. Shipments to OEMs in the U.S. and Europe usually peak during the Company's first and second quarters for the spring planting period, while shipments in Latin America usually peak during the Company's second and third quarter for the fall planting period. Earthmoving/construction and consumer segments also historically tend to experience higher demand in the first and second quarters. These segments are affected by mining, building and economic conditions.

RESEARCH, DEVELOPMENT AND ENGINEERING

The Company's research, development and engineering staff tests original designs and technologies and develops new manufacturing methods to improve product performance. These services enhance the Company's relationships with its customers. Titan's unique advantage as both a wheel and tire manufacturer allow the Company to design, test, and bring to market innovative solutions to meet the specific needs of its customers. Titan has also developed a Low Sidewall (LSW) tire technology, featuring a larger rim diameter and a smaller sidewall than standard tires, which helps reduce power hop, road lope, soil compaction, and provides improved safety and performance. Research and development (R&D) expenses are expensed as incurred. R&D costs were \$14.0 million, \$11.2 million and \$7.1 million for the years ending December 31, 2014, 2013 and 2012, respectively.

CUSTOMERS

Titan's 10 largest customers accounted for 41% of net sales for both of the years ended December 31, 2014, and December 31, 2013, respectively. Net sales to Deere & Company in Titan's agricultural, earthmoving/construction and consumer segments combined represented 12% and 13% of the Company's consolidated revenues for the years ended December 31, 2014 and 2013, respectively. No other customer accounted for more than 10% of the Company's net sales in 2014 or 2013. Management believes the Company is not totally dependent on any single customer; however, certain products are dependent on a few customers. While the loss of any substantial customer could impact Titan's business, the Company believes that its diverse product mix and customer base may minimize a longer-term impact caused by any such loss.

ORDER BACKLOG

As of January 31, 2015, Titan estimates \$371 million in firm orders compared to \$514 million at January 31, 2014, for the Company's operations. Orders are considered firm if the customer would be obligated to accept the product if manufactured and delivered pursuant to the terms of such orders. The January 31, 2015 firm order amount included \$160 million in the agricultural segment, \$189 million in the earthmoving/construction segment, and \$22 million in the consumer segment. The January 31, 2014 firm order amount included \$238 million in the agricultural segment, \$257 million in the earthmoving/construction segment, and \$19 million in the consumer segment. The Company believes that the current order backlog will be filled during the current year. The Company's backlog of orders is not considered material to, or a significant factor in, evaluating and understanding any of its business segments or its businesses considered as a whole.

INTERNATIONAL OPERATIONS

In April of 2011, the Company closed on the acquisition of The Goodyear Tire & Rubber Company's Latin American farm tire business. As a result of this transaction, the Company operates a manufacturing facility in Sao Paulo, Brazil. The Latin American operations recorded 16% of the Company's sales for both of the years ended December 31, 2014 and 2013, respectively.

In October of 2012, the Company closed on the acquisition of Titan Europe and, as a result, expanded its global footprint. The Titan Europe operations accounted for 27% of the Company's sales for both of the years ended December 31, 2014 and 2013, respectively.

In October 2013, the Company closed on the acquisition of Voltyre-Prom. As a result of this transaction, the Company operates a manufacturing facility in Volgograd, Russia, expanding its presence to the CIS region. The Voltyre-Prom operations accounted for 5% and 1% of the Company's sales for the years ended December 31, 2014 and 2013, respectively.

EMPLOYEES

At December 31, 2014, the Company employed approximately 6,500 people worldwide, including approximately 4,200 located outside the United States.

In March 2013, the employees covered by their respective collective bargaining agreements at the Company's Bryan, Ohio; Freeport, Illinois; and Des Moines, Iowa facilities, which account for approximately 41% of the Company's U.S. employees, voted to accept a new four year contract.

Outside the United States, the Company enters into employment contracts and agreements in those countries in which such relationships are mandatory or customary. The provisions of these agreements correspond in each case with the required or customary terms in the subject jurisdiction.

ENVIRONMENTAL LAWS AND REGULATIONS

In the ordinary course of business, like other industrial companies, Titan is subject to extensive and evolving federal, state and local environmental laws and regulations, and has made provisions for the estimated financial impact of environmental cleanup. The Company's policy is to accrue environmental cleanup related costs of a non-capital nature when those costs are believed to be probable and can be reasonably estimated. Expenditures that extend the life of the related property, or mitigate or prevent future environmental contamination, are capitalized. The Company does not currently anticipate any material capital expenditures for environmental control facilities. The quantification of environmental exposures requires an assessment of many factors, including changing laws and regulations, advances in environmental technologies, the quality of information available related to specific sites, the assessment stage of the site investigation, preliminary findings and the length of time involved in remediation or settlement. Due to the difficult nature of predicting future environmental costs, the Company cannot anticipate or predict the material adverse effect on its operations, cash flows or financial condition as a result of efforts to comply with, or its liabilities under, environmental laws.

COMPETITION

The Company competes with several domestic and international companies, some of which are larger and have greater financial and marketing resources than Titan. The Company believes it is a primary source of steel wheels and rims to the majority of its North American customers. Major competitors in the off-highway wheel market include GKN Wheels, Ltd., Trelleborg Group, and Topy Industries, Ltd. Significant competitors in the off-highway tire market include Alliance Tire Company Ltd., Balkrishna Industries Limited (BKT), Bridgestone/Firestone, Michelin, Mitas a.s., and Pirelli. Significant competitors in the undercarriage market include Berco and Caterpillar.

The Company competes primarily on the basis of price, quality, customer service, design capability and delivery time. The Company's ability to compete with international competitors may be adversely affected by currency fluctuations. Titan owns the molds and dies used to produce its wheels and tires. However, certain of the Company's OEM customers could elect to manufacture the Company's products to meet their requirements or to otherwise compete with the Company. There can be no assurance that the Company will not be adversely affected by increased competition in the markets in which it operates, or that competitors will not develop products that are more effective, less expensive or otherwise render certain of Titan's products less competitive. From time to time, certain of the Company's competitors have reduced their prices in particular product categories, which has prompted Titan to reduce prices as well. There can be no assurance that competitors of the Company will not further reduce prices in the future or that any such reductions would not have a material adverse effect on the Company.

PURCHASE OF VOLTYRE- PROM

On October 4, 2013, Titan in partnership with One Equity Partners (OEP) and the Russian Direct Investment Fund (RDIF) closed the acquisition of an 85% interest in Voltyre-Prom, a leading producer of agricultural and industrial tires in Volgograd, Russia, for approximately \$94.1 million, which includes the assumption of debt. Titan is acting as operating partner with responsibility for Voltyre-Prom's daily operations on behalf of the consortium of which Titan holds a 30% interest. The fair value of the consideration transferred and noncontrolling interests exceeded the fair value of the identified assets acquired less liabilities assumed. Therefore, goodwill of \$21.0 million was recorded on the transaction at the time of acquisition. In the fourth quarter of 2014, the Company recorded a noncash goodwill impairment charge of \$15.6 million for Voltyre-Prom which removed all goodwill related to this acquisition. The difference from the amount originally recorded was due to foreign currency translation. An initial noncontrolling interest of \$14.5 million, representing the 15% not owned by the partnership, was recorded at the acquisition date. In the first half of 2014, the partnership of Titan, OEP, and RDIF purchased an additional 15% to bring total Voltyre-Prom ownership to 100% for the partnership.

NEW YORK STOCK EXCHANGE CERTIFICATION

The Company submitted to the New York Stock Exchange during fiscal 2014 the Annual CEO Certification required by Section 303A.12(a) of the New York Stock Exchange Listed Company Manual.

AVAILABLE INFORMATION

The Company's annual report on Form 10-K, quarterly reports on Form 10-Q, current reports on Form 8-K, and any amendments to those reports are made available, without charge, through the Company's website located at www.titan-intl.com as soon as reasonably practicable after they are filed with the Securities and Exchange Commission (SEC). The SEC maintains a website at www.sec.gov that contains reports, proxy and information statements, and other information regarding issuers that file electronically with the SEC. The following documents are also posted on the Company's website:

- Corporate Governance Policy
- Business Conduct Policy
- Audit Committee Charter
- Compensation Committee Charter
- Nominating/Corporate Governance Committee Charter

Printed copies of these documents are available, without charge, by writing to: Titan International, Inc., c/o Corporate Secretary, 2701 Spruce Street, Quincy, IL 62301.

ITEM 1A – RISK FACTORS

The Company is subject to various risks and uncertainties relating to or arising out of the nature of its business and general business, economic, financing, legal and other factors or conditions that may affect the Company. Realization of any of the following risks could have a material adverse effect on Titan's business, financial condition, cash flows and results of operations.

- **The Company is exposed to price fluctuations of key commodities.**

The Company does not generally enter into long-term commodity contracts and does not use derivative commodity instruments to hedge exposures to commodity market price fluctuations. Therefore, the Company is exposed to price fluctuations of key commodities, which consist primarily of steel and rubber. Although the Company attempts to pass on certain material price increases to its customers, there is no assurance that the Company will be able to do so in the future. Any increase in the price of steel and rubber that is not passed on to customers could have an adverse material effect on Titan's results of operations.

- **The Company relies on a limited number of suppliers.**

The Company currently relies on a limited number of suppliers for certain key commodities, which consist primarily of steel and rubber, in the manufacturing of Titan products. The loss of key suppliers or their inability to meet price, quality, quantity and delivery requirements could have a significant adverse impact on the Company's results of operations.

- **The Company's revolving credit facility and other debt obligations contain covenants.**

The Company's revolving credit facility and other debt obligations contain covenants and restrictions. These covenants and restrictions could limit Titan's ability to respond to market conditions, to provide for unanticipated capital investments, to raise additional debt or equity capital, to pay dividends or to take advantage of business opportunities, including future acquisitions. The failure to meet these items could result in the Company ultimately being in default. Titan's ability to comply with the covenants may be affected by events beyond its control, including prevailing economic, financial and industry conditions.

- **The Company operates in cyclical industries and is subject to numerous changes in the economy.**

The Company's sales are substantially dependent on three major industries: agricultural equipment, earthmoving/construction equipment and consumer products. The business activity levels in these industries are subject to specific industry and general economic cycles. Any downturn in these industries or the general economy could have an adverse material effect on Titan's business.

The agricultural equipment industry is affected by crop prices, farm income and farmland values, weather, export markets and government policies. The earthmoving/construction industry is affected by the levels of government and private construction spending and replacement demand. The mining industry, which is within the earthmoving/construction industry, is affected by raw material commodity prices. The consumer products industry is affected by consumer disposable income, weather, competitive pricing, energy prices and consumer attitudes. In addition, the performance of these industries is sensitive to interest rate and foreign exchange rate changes and varies with the overall level of economic activity.

- **The Company's customer base is relatively concentrated.**

The Company's ten largest customers, which are primarily original equipment manufacturers (OEMs), accounted for 41% of Titan's net sales for 2014. Net sales to Deere & Company represented 12% of total 2014 net sales. No other customer accounted for more than 10% of net sales in 2014. As a result, Titan's business could be adversely affected if one of its larger customers reduces its purchases from Titan due to work stoppages or slow-downs, financial difficulties, as a result of termination provisions, competitive pricing or other reasons. There is also continuing pressure from the OEMs to reduce costs, including the cost of products and services purchased from outside suppliers such as Titan. The Company has had long-term relationships with major customers and expects to continue these relationships. There can be no assurance that Titan will be able to maintain such ongoing relationships. Any failure to maintain the Company's relationship with a leading customer could have an adverse effect on results of operations.

- **The Company's revenues are seasonal in nature due to Titan's dependence on seasonal industries.**

The agricultural, earthmoving/construction and recreational industries are seasonal, with typically lower sales during the second half of the year. This seasonality in demand has resulted in fluctuations in the Company's revenues and operating results. Because much of Titan's overhead expenses are fixed, seasonal trends can cause reductions in quarterly profit margins and financial condition, especially during slower periods.

- The Company may be adversely affected by changes in government regulations and policies.**
 Domestic and foreign political developments and government regulations and policies directly affect the agricultural, earthmoving/construction and consumer products industries in the United States and abroad. Regulations and policies in the agricultural industry include those encouraging farm acreage reduction in the United States and granting ethanol subsidies. Regulations and policies relating to the earthmoving/construction industry include the construction of roads, bridges and other items of infrastructure. The modification of existing laws, regulations or policies or the adoption of new laws, regulations or policies could have an adverse effect on any one or more of these industries and therefore on Titan's business.
- The Company is subject to corporate governance requirements, and costs related to compliance with, or failure to comply with, existing and future requirements could adversely affect Titan's business.**
 The Company is subject to corporate governance requirements under the Sarbanes-Oxley Act of 2002, as well as new rules and regulations subsequently adopted by the Securities and Exchange Commission (SEC), the Public Company Accounting Oversight Board (PCAOB) and the New York Stock Exchange (NYSE). These laws, rules and regulations continue to evolve and may become increasingly restrictive in the future. Failure to comply with these laws, rules and regulations may have an adverse material effect on Titan's reputation, financial condition and the value of the Company's securities.
- The Company faces substantial competition from domestic and international companies.**
 The Company competes with several domestic and international competitors, some of which are larger and have greater financial and marketing resources than Titan. Titan competes primarily on the basis of price, quality, customer service, design capability and delivery time. The Company's ability to compete with international competitors may be adversely affected by currency fluctuations. In addition, certain OEM customers could elect to manufacture certain products to meet their own requirements or to otherwise compete with Titan.

 There can be no assurance that Titan's businesses will not be adversely affected by increased competition in the Company's markets or that competitors will not develop products that are more effective or less expensive than Titan products or which could render certain products less competitive. From time to time certain competitors have reduced prices in particular product categories, which has caused Titan to reduce prices. There can be no assurance that in the future Titan's competitors will not further reduce prices or that any such reductions would not have a material adverse effect on Titan's business.
- The Company could be negatively impacted if Titan fails to maintain satisfactory labor relations.**
 The Company is party to collective bargaining agreements. Upon the expiration of any of the collective bargaining agreements, however, Titan may be unable to negotiate new collective bargaining agreements on terms that are cost effective to the Company. The business operations may be affected as a result of labor disputes or difficulties and delays in the process of renegotiating collective bargaining agreements.
- Unfavorable outcomes of legal proceedings could adversely affect results of operations.**
 The Company is a party to routine legal proceedings arising out of the normal course of business. Although it is not possible to predict with certainty the outcome of these unresolved legal actions or the range of possible loss, the Company believes at this time that none of these actions, individually or in the aggregate, will have a material adverse effect on the consolidated financial condition, results of operations or cash flows of the Company. However, due to the difficult nature of predicting unresolved and future legal claims, the Company cannot anticipate or predict any material adverse effect on its consolidated financial condition, results of operations or cash flows as a result of efforts to comply with or its liabilities pertaining to legal judgments.

- **Acquisitions may require significant resources and/or result in significant losses, costs or liabilities.**

Any future acquisitions will depend on the ability to identify suitable acquisition candidates, to negotiate acceptable terms for their acquisition and to finance those acquisitions. Titan will also face competition for suitable acquisition candidates that may increase costs. In addition, acquisitions require significant managerial attention, which may be diverted from current operations. Furthermore, acquisitions of businesses or facilities entail a number of additional risks, including:

- problems with effective integration of operations;
- the inability to maintain key pre-acquisition customer, supplier and employee relationships;
- the potential that expected benefits or synergies are not realized and operating costs increase; and
- exposure to unanticipated liabilities.

International acquisitions may be more complex and time consuming. Also, international acquisitions may include a number of additional risks including the integration of acquisitions operating under differing laws and regulations.

Subject to the terms of indebtedness, the Company may finance future acquisitions with cash from operations, additional indebtedness and/or by issuing additional equity securities. These commitments may impair the operation of Titan's businesses. In addition, the Company could face financial risks associated with incurring additional indebtedness such as reducing liquidity and access to financing markets and increasing the amount of cash flow required to service such indebtedness.

- **The Company has international operations and purchases raw material from foreign suppliers.**

The Company had total aggregate sales outside the United States of approximately \$1,028.0 million, \$1,089.9 million and \$635.2 million, for the years ended December 31, 2014, 2013 and 2012, respectively. Sales outside the United States have grown substantially as Titan has acquired foreign subsidiaries and sales from these international operations are expected to continue to represent a significant portion of sales.

International Operations and Sales – International operations and sales are subject to a number of special risks, including but not limited to risks with respect to currency exchange rates, economic and political destabilization, other disruption of markets and restrictive actions by foreign governments (such as restrictions on transfer of funds, export duties and quotas and foreign customs). Other risks include changes in foreign laws regarding trade and investment; difficulties in obtaining distribution and support; nationalization; reforms of United States laws and policies affecting trade, foreign investment and loans; and foreign tax laws. There may also be restrictions on the Company's ability to repatriate earnings and investments from international operations. There can be no assurance that one, or a combination of these factors will not have a material adverse effect on the Company's ability to increase or maintain its foreign sales.

Foreign Suppliers – The Company purchases raw materials from foreign suppliers. The production costs, profit margins and competitive position of the Company are affected by the strength of the currencies in countries where Titan purchases goods, relative to the strength of the currencies in countries where the products are sold. The Company's results of operations, cash flows and financial position may be affected by fluctuations in foreign currencies.

- **The Company is subject to anti-corruption laws and regulations.**

The Company has international operations and must comply with anti-corruption laws and regulations including the U.S. Foreign Corrupt Practices Act (FCPA). These anti-bribery laws generally prohibit companies and their intermediaries from making improper payments or providing anything of value for the purpose of obtaining or retaining business. The FCPA prohibits these payments regardless of local customs and practices. Although Titan has a compliance program in place to reduce the potential violations of corruption laws, violations of these laws could adversely affect the Company's business.

- The Company may be subject to product liability and warranty claims.**
 The Company warrants its products to be free of certain defects and accordingly may be subject in the ordinary course of business to product liability or product warranty claims. Losses may result or be alleged to result from defects in Titan products, which could subject the Company to claims for damages, including consequential damages. There can be no assurance that Company insurance will be adequate for liabilities actually incurred or that adequate insurance will be available on terms acceptable to the Company. Any claims relating to defective products that result in liability exceeding Titan's insurance coverage could have a material adverse effect on financial condition and results of operations. Further, claims of defects could result in negative publicity against Titan, which could adversely affect the Company's business.
- The Company has incurred, and may incur in the future, net losses.**
 The Company reported net loss of \$(152.2) million for the year ended December 31, 2014, and may incur net losses in the future. Although the Company reported net income for the years ended December 31, 2012 and 2013 and the Company expects to generate future profitability, there is no guarantee the Company will be profitable in the future.
- The Company may be adversely affected by a disruption in, or failure of, information technology systems.**
 The Company relies upon information technology systems, some of which are managed by third parties, to process, transmit and store electronic information. Technology systems are used in a variety of business processes and activities, including purchasing, manufacturing, distribution, invoicing and financial reporting. The Company utilizes security measures and business continuity plans to prevent, detect and remediate damage from computer viruses, natural disasters, unauthorized access, utility failures and other similar disruptions. Despite these measures, a security breach or information technology system failure may disrupt and adversely affect the Company's operations.
- The Company is subject to risks associated with climate change and climate change regulations.**
 Governmental regulatory bodies in the United States and other countries have, or are, contemplating introducing regulatory changes in response to the potential impacts of climate change. Laws and regulations regarding climate change and energy usage may impact the Company directly through higher costs for energy and raw materials. The Company's customers may also be affected by climate change regulations that may impact future purchases. Physical climate change may potentially have a large impact on the Company's two largest industry segments, agriculture and earthmoving/construction. The potential impacts of climate change and climate change regulations are highly uncertain at this time, and the Company cannot anticipate or predict the material adverse effect on its consolidated financial condition, results of operations or cash flows as a result of climate change and climate change regulations.
- The Company is subject to risks associated with environmental laws and regulations.**
 The Company's operations are subject to federal, state, local and foreign laws and regulations governing, among other things, emissions to air, discharge to waters and the generation, handling, storage, transportation, treatment and disposal of waste and other materials. The Company's operations entail risks in these areas, and there can be no assurance that Titan will not incur material costs or liabilities. In addition, potentially significant expenditures could be required in order to comply with evolving environmental and health and safety laws, regulations or requirements that may be adopted or imposed in the future.
- The Company may incur additional tax expense or tax exposure.**
 The Company is subject to income taxes in the United States and numerous foreign jurisdictions, and has domestic and international tax liabilities which are dependent upon the distribution of income among these different jurisdictions. Titan's income tax provision and cash tax liability in the future could be adversely affected by numerous factors, including income before taxes being lower than anticipated in countries with lower statutory tax rates and higher than anticipated in countries with higher statutory tax rates, changes in the valuation of deferred tax assets and liabilities and changes in tax laws and regulations.
- The Company is subject to foreign currency translation risk.**
 The Company continues to expand globally and now operates in many worldwide locations and transacts business in many foreign currencies. Titan's financial statements are reported in U.S. dollars with financial statements of international subsidiaries being initially recorded in foreign currencies and translated into U.S. dollars. Large fluctuations in currency exchange rates between the U.S. dollar and other world currencies may materially adversely affect the Company's financial condition, results of operations and liquidity.

- **The Company is subject to risks associated with uncertainties related to social, political and economic conditions in Russia.**
Geopolitical and economic uncertainties relating to Russia has had and could continue to have a negative impact on the Company's sales and results of operations at the recently acquired Voltyre-Prom business.

ITEM 1B – UNRESOLVED STAFF COMMENTS

None.

ITEM 2 – PROPERTIES

The Company's properties with total square footage above 1 million are detailed by the location, size and focus of each facility as provided in the table below:

Location	Approximate square footage		Use	Segment
	Owned	Leased		
Union City, Tennessee	2,149,000		Manufacturing, distribution	All segments
Des Moines, Iowa	2,047,000		Manufacturing, distribution	All segments
Sao Paulo, Brazil	1,282,000		Manufacturing, distribution	All segments
Quincy, Illinois	1,209,000		Manufacturing, distribution	All segments
Freeport, Illinois	1,202,000		Manufacturing, distribution	All segments
Natchez, Mississippi		1,203,000	Storage	See note (a)

(a) The Natchez facility is currently being used for storage. The Company's facility in Natchez, Mississippi is not in operation.

The Company's total properties by continent are detailed by the location, size and focus as provided in the table below:

Location	Approximate square footage		Use	Segment
	Owned	Leased		
North America	8,660,000	1,639,000	Manufacturing, distribution	All segments
South America	1,434,000	23,000	Manufacturing, distribution	All segments
Europe	1,487,000	54,000	Manufacturing, distribution	All segments
Australia		526,000	Manufacturing, distribution	All segments
Asia	646,000	137,000	Manufacturing, distribution	All segments
Africa		11,000	Manufacturing, distribution	All segments

The Company considers each of its facilities to be in good condition and adequate for present use. Management believes that the Company has sufficient capacity to meet current market demand with the active facilities. The Company has no current plans to restart manufacturing at the storage facility described in note (a) above.

ITEM 3 – LEGAL PROCEEDINGS

The Company is a party to routine legal proceedings arising out of the normal course of business. Although it is not possible to predict with certainty the outcome of these unresolved legal actions or the range of possible loss, the Company believes at this time that none of these actions, individually or in the aggregate, will have a material adverse effect on the consolidated financial condition, results of operations or cash flows of the Company. However, due to the difficult nature of predicting unresolved and future legal claims, the Company cannot anticipate or predict the material adverse effect on its consolidated financial condition, results of operations or cash flows as a result of efforts to comply with or its liabilities pertaining to legal judgments.

ITEM 4 – MINE SAFETY DISCLOSURES

Not applicable.

PART II

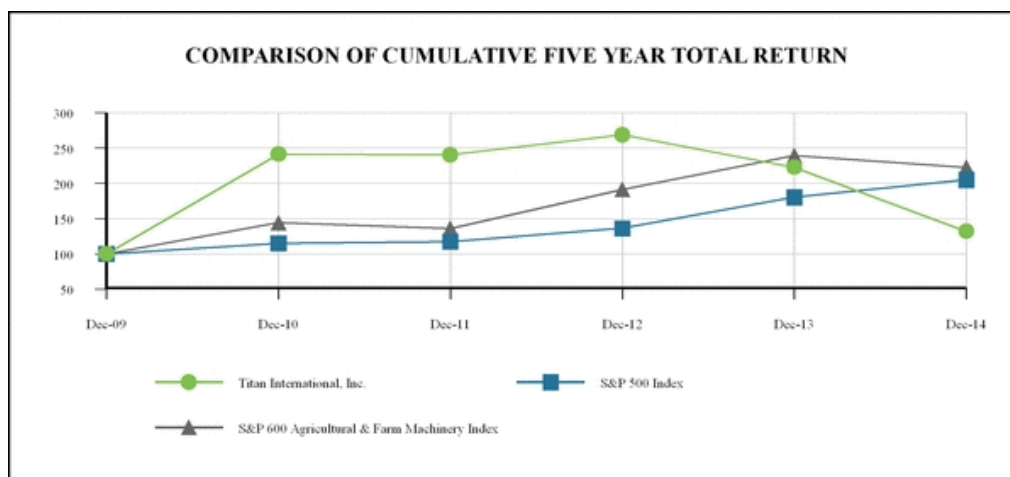
ITEM 5 – MARKET FOR REGISTRANT’S COMMON EQUITY, RELATED STOCKHOLDER MATTERS AND ISSUER PURCHASES OF EQUITY SECURITIES

The Company’s common stock is traded on the New York Stock Exchange (NYSE) under the symbol TWI. On February 17, 2015, there were approximately 400 holders of record of Titan common stock and an estimated 16,500 beneficial stockholders. The following table sets forth the high and low sales prices per share of common stock as reported on the NYSE, as well as information concerning per share dividends declared for the periods indicated.

	High	Low	Dividends Declared
2014			
First quarter	\$ 19.89	\$ 16.22	\$ 0.005
Second quarter	19.28	15.29	0.005
Third quarter	17.20	11.76	0.005
Fourth quarter	11.83	9.14	0.005
2013			
First quarter	\$ 27.12	\$ 20.13	\$ 0.005
Second quarter	25.15	15.77	0.005
Third quarter	18.26	14.14	0.005
Fourth quarter	18.15	14.19	0.005

PERFORMANCE COMPARISON GRAPH

The performance graph compares cumulative total return for the Company’s common stockholders over the past five years against the cumulative total return of the Standard & Poor’s 600 Agricultural & Farm Machinery Index, and against the Standard & Poor’s 500 Stock Index. The graph depicts the value on December 31, 2014, of a \$100 investment made on December 31, 2009, in Company common stock and each of the other two indices, with all dividends reinvested. Titan’s common stock is traded on the NYSE under the symbol TWI.



	Fiscal Year Ended December 31,					
	2009	2010	2011	2012	2013	2014
Titan International, Inc.	\$ 100.00	\$ 241.35	\$ 240.60	\$ 268.79	\$ 222.76	\$ 131.89
S&P 500 Index	100.00	115.06	117.49	136.30	180.44	205.14
S&P 600 Agricultural & Farm Machinery Index (a)	100.00	144.16	136.16	191.35	239.38	222.76

(a) The S&P 600 Agricultural & Farm Machinery index was created March 2014. The index data above reflects the old S&P 600 Construction & Farm Machinery & Heavy Trucks index from 12/31/09 - 2/28/14 and the new S&P 600 Agricultural & Farm Machinery index from 3/31/14 - forward.

ITEM 6 – SELECTED FINANCIAL DATA

The selected financial data presented below, as of and for the years ended December 31, 2014, 2013, 2012, 2011, and 2010, are derived from the Company's consolidated financial statements, as audited by Grant Thornton LLP, an independent registered public accounting firm for the years ended December 31, 2014, 2013, and 2012, and PricewaterhouseCoopers LLP, an independent registered public accounting firm for the years ended December 31, 2011, and 2010, and should be read in conjunction with the Company's Management's Discussion and Analysis of Financial Condition and Results of Operations and our audited consolidated financial statements and notes thereto.

(All amounts in thousands, except per share data)

	Year Ended December 31,				
	2014	2013	2012	2011	2010
Net sales	\$ 1,895,527	\$ 2,163,595	\$ 1,820,678	\$ 1,486,998	\$ 881,591
Mining asset impairment and inventory writedown	39,932	—	—	—	—
Gross profit	140,643	295,190	294,139	232,108	104,090
Noncash goodwill impairment charge	36,571	—	—	—	—
Supply agreement termination income	—	—	(26,134)	—	—
Income (loss) from operations	(97,625)	102,395	174,708	132,173	30,945
Gain (loss) on senior note repurchase	—	(22,734)	—	—	(14,573)
Noncash Titan Europe gain	—	—	26,700	—	—
Gain on earthquake insurance recovery	—	22,451	—	—	—
Income (loss) before income taxes	(152,244)	54,734	192,251	95,895	(9,190)
Net income (loss)	(130,425)	29,687	105,638	58,136	(5,926)
Net loss attributable to noncontrolling interests	(49,964)	(5,518)	(1,593)	(16)	—
Net income (loss) attributable to Titan	(80,461)	35,205	107,231	58,152	(5,926)
Net income (loss) per share – basic	(1.50)	.66	2.47	1.40	(.17)
Net income (loss) per share – diluted	(1.50)	.64	2.05	1.18	(.17)
Dividends declared per common share	0.02	0.02	0.02	0.02	0.02

(All amounts in thousands)

	As of December 31,				
	2014	2013	2012	2011	2010
Working capital	\$ 534,374	\$ 621,307	\$ 529,043	\$ 388,827	\$ 388,997
Current assets	835,930	1,007,878	996,123	564,593	481,350
Total assets	1,495,724	1,821,231	1,710,235	1,010,286	780,880
Long-term debt (a)	496,503	497,694	441,438	317,881	373,564
Stockholders' equity	590,058	798,036	632,362	396,879	272,031

(a) Excludes amounts due within one year and classified as a current liability.

ITEM 7 – MANAGEMENT’S DISCUSSION AND ANALYSIS OF FINANCIAL CONDITION AND RESULTS OF OPERATIONS

MANAGEMENT’S DISCUSSION AND ANALYSIS

Management’s discussion and analysis of financial condition and results of operations (MD&A) is designed to provide a reader of these financial statements with a narrative from the perspective of the management of Titan International, Inc. (Titan or the Company) on Titan’s financial condition, results of operations, liquidity and other factors which may affect the Company’s future results.

FORWARD-LOOKING STATEMENTS

This Form 10-K contains forward-looking statements, including statements regarding, among other items:

- Anticipated trends in the Company’s business
- Future expenditures for capital projects
- The Company’s ability to continue to control costs and maintain quality
- Ability to meet conditions of loan agreements
- The Company’s business strategies, including its intention to introduce new products
- Expectations concerning the performance and success of the Company’s existing and new products
- The Company’s intention to consider and pursue acquisition and divestiture opportunities

Readers of this Form 10-K should understand that these forward-looking statements are based on the Company’s expectations and are subject to a number of risks and uncertainties, including those in Item 1A, Part I of this report, “Risk Factors,” certain of which are beyond the Company’s control.

Actual results could differ materially from these forward-looking statements as a result of certain factors, including:

- The effect of a recession on the Company and its customers and suppliers
- Changes in the Company’s end-user markets as a result of world economic or regulatory influences
- Changes in the marketplace, including new products and pricing changes by the Company’s competitors
- Ability to maintain satisfactory labor relations
- Unfavorable outcomes of legal proceedings
- Availability and price of raw materials
- Levels of operating efficiencies
- Unfavorable product liability and warranty claims
- Actions of domestic and foreign governments
- Geopolitical and economic uncertainties relating to Russia could have a negative impact on the Company’s sales and results of operations at the recently acquired Voltyre-Prom business
- Results of investments
- Fluctuations in currency translations
- Climate change and related laws and regulations
- Risks associated with environmental laws and regulations

Any changes in such factors could lead to significantly different results. The Company cannot provide any assurance that the assumptions referred to in the forward-looking statements or otherwise are accurate or will prove to transpire. Any assumptions that are inaccurate or do not prove to be correct could have a material adverse effect on the Company’s ability to achieve the results as indicated in forward-looking statements. The Company undertakes no obligation to publicly update or revise any forward-looking statements, whether as a result of new information, future events or otherwise. In light of these risks and uncertainties, there can be no assurance that the forward-looking information contained in this document will in fact transpire.

OVERVIEW

Titan International, Inc. and its subsidiaries are leading manufacturers of wheels, tires, wheel and tire assemblies, and undercarriage systems and components for off-highway vehicles used in the agricultural, earthmoving/construction and consumer segments. Titan manufactures both wheels and tires for the majority of these market applications, allowing the Company to provide the value-added service of delivering complete wheel and tire assemblies. The Company offers a broad range of products that are manufactured in relatively short production runs to meet the specifications of original equipment manufacturers (OEMs) and/or the requirements of aftermarket customers.

The Company's major OEM customers include large manufacturers of off-highway equipment such as AGCO Corporation, Caterpillar Inc., CNH Global N.V., Deere & Company and Kubota Corporation, in addition to many other off-highway equipment manufacturers. The Company distributes products to OEMs, independent and OEM-affiliated dealers, and through a network of distribution facilities.

The following table provides highlights for the year ended December 31, 2014, compared to 2013 (amounts in thousands):

	2014	2013
Net sales	\$ 1,895,527	\$ 2,163,595
Income (loss) from operations	(97,625)	102,395
Net income (loss)	(130,425)	29,687

The Company recorded sales of \$1,895.5 million for 2014, which were 12% lower than the 2013 sales of \$2,163.6 million. Sales decreased 10% as the result of price/mix reductions driven by decreased demand for high horsepower agricultural equipment, and decreased demand in the earthmoving/construction segment primarily for products used in the mining industry. These decreases were partially offset by increased demand for products used in the construction industry. In addition, competitive pressures resulting in price erosion, negatively impacted sales. Overall volume decreased 4%, and unfavorable currency translation decreased sales by 2%. The decrease in net sales was partially offset by the inclusion of the recently acquired Voltyre-Prom business which increased sales 4%.

The Company's loss from operations was \$97.6 million for 2014 compared to income of \$102.4 million for 2013. Titan's net loss was \$130.4 million for 2014 compared to net income of \$29.7 million in 2013. Diluted loss per share was \$(1.50) in 2014, compared to diluted income per share of \$0.64 in 2013. Decreased demand for high horsepower agricultural equipment and products used in the mining industry negatively impacted gross profit. Generally, there are higher margins associated with these product categories. The lower market demand also drove competitive pressures resulting in price erosion that further deteriorated both sales and gross margins. Lost leverage and reduced productivity in the plants are also consequences of lower sales. Noncash charges totaling \$76.5 million had a negative impact on income from operations. In the second quarter of 2014, the Company recorded an asset impairment of \$23.2 million on machinery, equipment and molds used to produce giant mining tires. In addition, the Company recorded inventory writedowns of \$16.7 million in 2014 to adjust the value of mining product inventory to estimated market value. In the fourth quarter of 2014, the Company recorded a noncash charge for the impairment of goodwill of \$36.6 million.

MINING ASSET IMPAIRMENT AND INVENTORY WRITEDOWN

In 2014, the Company recorded an asset impairment and inventory writedowns of \$23.2 million and \$16.7 million, respectively. The impairment was recorded on machinery, equipment and molds used to produce giant mining tires. Mining products are included in the Company's earthmoving/construction segment. In the second quarter of 2014, several large mining equipment manufacturers significantly decreased their sales forecast for mining equipment. The Company's sales of mining product were deteriorating at an accelerated pace. Therefore, the company tested mining related assets for impairment in the second quarter of 2014. The fair value of the mining equipment was determined using a cost and market approach. The inventory writedowns were to adjust the value of mining product inventory to estimated market value.

PURCHASE OF VOLTYRE-PROM

On October 4, 2013, Titan in partnership with One Equity Partners (OEP) and the Russian Direct Investment Fund (RDIF) closed the acquisition of an 85% interest in Voltyre-Prom, a leading producer of agricultural and industrial tires in Volgograd, Russia, for approximately \$94.1 million, which includes the assumption of debt. Titan is acting as operating partner with responsibility for Voltyre-Prom's daily operations on behalf of the consortium of which Titan holds a 30% interest. The fair value of the consideration transferred and noncontrolling interests exceeded the fair value of the identified assets acquired less liabilities assumed. Therefore, goodwill of \$21.0 million was recorded on the transaction at the time of acquisition. In the fourth quarter of 2014, the Company recorded a noncash goodwill impairment charge of \$15.6 million for Voltyre-Prom which removed all goodwill related to this acquisition. The difference from the amount originally recorded was due to foreign currency translation. An initial noncontrolling interest of \$14.5 million, representing the 15% not owned by the partnership, was recorded at the acquisition date. In the first half of 2014, the partnership of Titan, OEP, and RDIF purchased an additional 15% to bring total Voltyre-Prom ownership to 100% for the partnership.

PURCHASE OF TITAN EUROPE

On October 31, 2012, Titan acquired over 97% of the outstanding stock of Titan Europe and in December 2012, the remaining 3% interest was acquired. Titan Europe is an international engineering group which designs and manufactures wheels, undercarriage components and assemblies for tracked and wheeled "off-road vehicles." Prior to the acquisition, Titan held a 21.8% ownership percentage in Titan Europe. Titan Europe shareholders received one share of new Titan common stock for every 11 Titan Europe shares held. A total of 6,257,051 new shares of Titan were issued with a value of \$121.8 million. In addition, Titan paid cash of \$5.6 million for option payouts and partial shares. Titan's previous investment in Titan Europe had a fair value on the acquisition date of \$31.7 million. Total consideration including the value of stock issued, cash payments, and the fair value of previously held Titan Europe shares totaled \$159.1 million. A gain of \$26.7 million was recorded on Titan's previously held interest in Titan Europe which was recorded as Noncash Titan Europe gain in the consolidated statement of operations. This gain was previously recorded in other comprehensive income (loss).

SUPPLY AGREEMENT TERMINATION INCOME

The Company's April 2011 acquisition of Goodyear's farm tire business included a three year supply agreement with Goodyear for certain non-farm tire products. A liability was recorded as the supply agreement was for sales at below market prices. In May 2012, the Company and Goodyear terminated this supply agreement and entered into an agreement under which Titan will sell these products directly to third party customers and pay a royalty to Goodyear. The remaining balance of the supply agreement liability of \$26.1 million was recorded as income as the Company is no longer obligated to sell the products at below market prices.

RESULTS OF OPERATIONS

The following table sets forth the Company's statement of operations expressed as a percentage of net sales for the periods indicated. This table and subsequent discussions should be read in conjunction with the Company's audited consolidated financial statements and notes thereto.

	As a Percentage of Net Sales Year ended December 31,		
	2014	2013	2012
Net sales	100.0 %	100.0 %	100.0 %
Cost of sales	90.5	86.4	83.8
Mining asset impairment and inventory writedown	2.1	—	—
Gross profit	7.4	13.6	16.2
Selling, general and administrative expenses	9.2	7.7	6.9
Research and development	0.7	0.5	0.4
Royalty expense	0.7	0.7	0.7
Noncash goodwill impairment charge	1.9	—	—
Supply agreement termination income	—	—	(1.4)
Income (loss) from operations	(5.1)	4.7	9.6
Interest expense	(1.9)	(2.2)	(1.5)
Convertible debt conversion charge	—	(0.3)	—
Loss on senior note repurchase	—	(1.1)	—
Noncash Titan Europe gain	—	—	1.5
Gain on earthquake insurance recovery	—	1.0	—
Gain on acquisition	—	—	0.6
Other income (expense)	(1.0)	0.3	0.4
Income (loss) before income taxes	(8.0)	2.4	10.6
Income tax provision (benefit)	(1.2)	1.2	4.8
Net income (loss)	(6.8)%	1.2 %	5.8 %
Net loss attributable to noncontrolling interests	(2.6)	(0.3)	(0.1)
Net income (loss) attributable to Titan	(4.2)%	1.5 %	5.9 %

In addition, the following table sets forth components of the Company's net sales classified by segment for the years ended December 31, (amounts in thousands):

	2014	2013	2012
Agricultural	\$ 1,016,882	\$ 1,182,187	\$ 1,080,412
Earthmoving/Construction	610,596	749,115	501,617
Consumer	268,049	232,293	238,649
Total	\$ 1,895,527	\$ 2,163,595	\$ 1,820,678

CRITICAL ACCOUNTING ESTIMATES

Preparation of the financial statements and related disclosures in compliance with accounting principles generally accepted in the United States of America requires the application of appropriate technical accounting rules and guidance, as well as the use of estimates. The Company's application of these policies involves assumptions that require difficult subjective judgments regarding many factors, which, in and of themselves, could materially impact the financial statements and disclosures. A future change in the estimates, assumptions or judgments applied in determining the following matters, among others, could have a material impact on future financial statements and disclosures.

Asset and Business Acquisitions

The allocation of purchase price for asset and business acquisitions requires management estimates and judgment as to expectations for future cash flows of the acquired assets and business and the allocation of those cash flows to identifiable intangible assets in determining the estimated fair value for purchase price allocations. If the actual results differ from the estimates and judgments used in determining the purchase price allocations, impairment losses could occur. To aid in establishing the value of any intangible assets at the time of acquisition, the Company typically engages a professional appraisal firm.

Impairment of Goodwill

The carrying value of the Company's goodwill was \$0.0 million at December 31, 2014, and \$42.1 million at December 31, 2013. The Company reviews goodwill to assess recoverability from future operations during the fourth quarter of each annual reporting period, and whenever events and circumstances indicate that the carrying values may not be recoverable. At the time of the review, the Company determines if it will first assess qualitative factors to determine whether it is more likely than not that the fair value of a reporting unit is less than its carrying amount as a basis for determining whether it is necessary to perform the two-step goodwill impairment test described in ASC 350.

When the two-step goodwill impairment test is performed, the Company evaluates the recoverability of goodwill by estimating the future reporting unit discounted cash flows. In determining the estimated future cash flows, the Company considers current and projected future levels of income as well as business trends and economic conditions. When the Company's estimated fair value of the reporting unit is less than the carrying value, a second step of the impairment analysis is performed. In this second step, the implied fair value of goodwill is calculated as the excess of the fair value of a reporting unit over the fair values assigned to its assets and liabilities. If the implied fair value of goodwill is less than the carrying value of the reporting unit's goodwill, the difference is recognized as an impairment loss.

In the fourth quarter of 2014, the recoverability of all goodwill was evaluated by estimating future discounted cash flows. The Company recorded a noncash charge for the impairment of goodwill in the amount of \$36.6 million on both a pre-tax and after-tax basis. The charge included \$11.4 million of earthmoving/construction goodwill related to the acquisition of Titan Australia; \$9.6 million of agricultural goodwill related to the acquisition of the Latin America farm tire business; and \$15.6 million of goodwill related to the acquisition of Voltyre-Prom. The Voltyre-Prom goodwill included \$11.0 million in the agricultural segment, \$2.6 million in the earthmoving/construction segment, and \$2.0 million in the consumer segment.

The key factor leading to the impairment of the Australia goodwill was the continued downturn in the mining industry. During 2014, the price of iron ore declined over 40%. The extended downturn led to changes in assumptions regarding future cash flows which culminated in the goodwill impairment. The key factors leading to the impairment of the Voltyre-Prom goodwill were the changes in the political and economic factors which occurred in Russia during 2014. The changes including devaluation of the Russian ruble and increases in interest rates accelerated in the fourth quarter of 2014 which led to changes in assumptions regarding future cash flows which resulted in goodwill impairment. The key factors leading to the impairment of the Latin American goodwill were a softening of the agricultural tire market and the Brazilian economy as a whole. The slowdown which began in the third quarter accelerated in the fourth quarter. As a result of the slowdown there was competitive pricing pressure impacting both sales and profits. These changes led to changes in assumptions regarding future cash flows which resulted in goodwill impairment.

Inventories

Inventories are valued at the lower of cost or market. At December 31, 2014, approximately 11% of the Company's inventories were valued under the last-in, first out (LIFO) method. The majority of steel material inventory in North America is accounted for under the LIFO method. The remaining inventories were valued under the first-in, first out (FIFO) method or average cost method. Market value is estimated based on current selling prices. Estimated provisions are established for slow-moving and obsolete inventory.

Income Taxes

Deferred income tax provisions are determined using the liability method whereby deferred tax assets and liabilities are recognized based upon temporary differences between the financial statement and income tax basis of assets and liabilities. The Company assesses the realizability of its deferred tax asset positions and recognizes and measures uncertain tax positions in accordance with accounting standards for income taxes.

Retirement Benefit Obligations

Pension benefit obligations are based on various assumptions used by third-party actuaries in calculating these amounts. These assumptions include discount rates, expected return on plan assets, mortality rates and other factors. Revisions in assumptions and actual results that differ from the assumptions affect future expenses, cash funding requirements and obligations. The Company has three frozen defined benefit pension plans in the United States and pension plans in several foreign countries. Titan expects to contribute approximately \$6 million to these frozen defined pension plans in 2015. For more information concerning these costs and obligations, see the discussion of the "Pensions" and Note 29 to the Company's financial statements.

The effect of hypothetical changes to selected assumptions on the Company's frozen pension benefit obligations would be as follows (amounts in thousands):

Assumptions	Percentage Change	December 31, 2014		2013
		Increase (Decrease) PBO (a)	Increase (Decrease) Equity	Increase (Decrease) Expense
Pension				
Discount rate	+/-5	\$(6,428)/\$6,971	\$6,428/\$(6,971)	\$(234)/\$257
Expected return on assets	+/-5			\$(400)/\$400

(a) Projected benefit obligation (PBO) for pension plans.

Product Warranties

The Company provides limited warranties on workmanship on its products in all market segments. The majority of the Company's products have a limited warranty that ranges from zero to ten years, with certain products being prorated after the first year. The Company calculates a provision for warranty expense based on past warranty experience. Actual warranty experience may differ from historical experience. The Company's warranty accrual was \$28.1 million at December 31, 2014, and \$33.1 million at December 31, 2013.

FISCAL YEAR ENDED DECEMBER 31, 2014, COMPARED TO FISCAL YEAR ENDED DECEMBER 31, 2013

RESULTS OF OPERATIONS

Highlights for the year ended December 31, 2014, compared to 2013 (amounts in thousands):

	2014	2013	% Decrease
Net sales	\$ 1,895,527	\$ 2,163,595	(12)%
Cost of sales	1,714,952	1,868,405	(8)%
Mining asset impairment and inventory writedown	39,932	—	n/a
Gross profit	140,643	295,190	(52)%
Gross profit percentage	7.4%	13.6%	

Net Sales

Net sales for the year ended December 31, 2014, were \$1,895.5 million compared to \$2,163.6 million for the year ended December 31, 2013, a decrease of 12%. Sales decreased 10% as the result of price/mix reductions driven by decreased demand for high horsepower agricultural equipment, and decreased demand in the earthmoving/construction segment primarily for products used in the mining industry. These decreases were partially offset by increased demand for products used in the construction industry. In addition, competitive pressures resulting in price erosion, negatively impacted sales. Overall volume decreased 4%, and unfavorable currency translation decreased sales by 2%. The decrease in net sales was partially offset by the inclusion of the recently acquired Voltyre-Prom business which increased sales 4%.

Cost of Sales, Mining Asset Impairment, Mining Inventory Writedown and Gross Profit

Cost of sales was \$1,715.0 million for the year ended December 31, 2014, as compared to \$1,868.4 million in 2013. Gross profit for the year 2014 was \$140.6 million, or 7.4% of net sales, compared to \$295.2 million, or 13.6% of net sales for 2013. Decreased demand for high horsepower agricultural equipment and products used in the mining industry negatively impacted gross profit. Generally, there are higher margins associated with these product categories. The lower market demand also drove competitive pressures resulting in price erosion that further deteriorated both sales and gross margins. Lost leverage and reduced productivity in the plants are also consequences of lower sales. In the second quarter of 2014, the Company recorded an asset impairment of \$23.2 million on machinery, equipment and molds used to produce giant mining tires. In addition, the Company recorded inventory writedowns of \$16.7 million in 2014 to adjust the value of mining product inventory to estimated market value.

Selling, General and Administrative Expenses

Selling, general and administrative expenses were as follows (amounts in thousands):

	2014	2013	% Increase
Selling, general and administrative	\$ 173,614	\$ 167,371	4%
Percentage of net sales	9.2%	7.7%	

Selling, general and administrative (SG&A) expenses were \$173.6 million, or 9.2% of net sales, for the year ended December 31, 2014, as compared to \$167.4 million, or 7.7% of net sales, for 2013. The higher SG&A expenses were primarily the result of approximately \$5 million of costs relating to the closing of a facility in Crespellano, Italy and approximately \$3 million of SG&A expenses at recently acquired facilities, offset by a decrease in incentive compensation and a reduction of bad debt expense. The increase in SG&A as a percentage of sales was primarily the result of decreased sales levels.

Research and Development Expenses

Research and development expenses were as follows (amounts in thousands):

	2014	2013	% Increase
Research and development	\$ 14,005	\$ 11,165	25%
Percentage of net sales	0.7%	0.5%	

Research and development (R&D) expenses were \$14.0 million, or 0.7% of net sales, for the year ended December 31, 2014, as compared to \$11.2 million, or 0.5% of net sales, for 2013. Increased R&D is primarily attributable to the investment in LSW as a cornerstone of the Company's strategy.

Royalty Expense

Royalty expense was as follows (amounts in thousands):

	2014	2013	% Decrease
Royalty expense	\$ 14,078	\$ 14,259	(1)%

The Company has a trademark license agreement with The Goodyear Tire & Rubber Company to manufacture and sell certain tires in North America and Latin America under the Goodyear name. The North American and Latin American farm tire royalties were prepaid through March 2018 as a part of the 2011 Goodyear Latin American farm tire acquisition. In May 2012, the Company and Goodyear entered into an agreement under which Titan will sell certain non-farm tire products directly to third party customers and pay a royalty to Goodyear. Royalty expenses were \$14.1 million for the year ended December 31, 2014, as compared to \$14.3 million in 2013.

Noncash Goodwill Impairment Charge

Noncash goodwill impairment charge was as follows (amounts in thousands):

	2014	2013	% Increase
Noncash goodwill impairment charge	\$ 36,571	\$ —	n/a

In the fourth quarter of 2014, the Company recorded a noncash charge for the impairment of goodwill of \$36.6 million on both a pre-tax and after-tax basis. The charge included \$11.4 million of earthmoving/construction goodwill related to the acquisition of Titan Australia; \$9.6 million of agricultural goodwill related to the acquisition of the Latin America farm tire business; and \$15.6 million of goodwill related to the acquisition of Voltyre-Prom. The Voltyre-Prom goodwill included \$11.0 million in the agricultural segment, \$2.6 million in the earthmoving/construction segment, and \$2.0 million in the consumer segment.

The key factor leading to the impairment of the Australia goodwill was the continued downturn in the mining industry. During 2014, the price of iron ore declined over 40%. The extended downturn led to changes in assumptions regarding future cash flows which culminated in the goodwill impairment. The key factors leading to the impairment of the Voltyre-Prom goodwill were the changes in the political and economic factors which occurred in Russia during 2014. The changes including devaluation of the Russian ruble and increases in interest rates accelerated in the fourth quarter of 2014 which led to changes in assumptions regarding future cash flows which resulted in goodwill impairment. The key factors leading to the impairment of the Latin American goodwill were a softening of the agricultural tire market and the Brazilian economy as a whole. The slowdown which began in the third quarter accelerated in the fourth quarter. As a result of the slowdown there was competitive pricing pressure impacting both sales and profits. These changes led to changes in assumptions regarding future cash flows which resulted in goodwill impairment.

Income from Operations

Income from operations was as follows (amounts in thousands):

	2014	2013	% Decrease
Income (loss) from operations	\$ (97,625)	\$ 102,395	n/a
Percentage of net sales	(5.1)%	4.7%	

Loss from operations for the year ended December 31, 2014, was \$(97.6) million, or (5.1)% of net sales, compared to income of \$102.4 million, or 4.7% of net sales, in 2013. This decrease was the net result of the items previously discussed.

Interest Expense

Interest expense was as follows (amounts in thousands):

	2014	2013	% Decrease
Interest expense	\$ 36,564	\$ 47,120	(22)%

Interest expense for the year 2014 was \$36.6 million compared to \$47.1 million in 2013. The Company's interest expense for 2014 decreased from the previous year primarily as a result of the repurchase of the 7.875% senior secured notes due October 2017 (senior secured notes due 2017) in the fourth quarter of 2013, and decreased debt balances at Titan Europe.

Convertible Debt Conversion Charge

Convertible debt conversion charge was as follows (amounts in thousands):

	2014	2013	% Decrease
Convertible debt conversion charge	\$ —	\$ 7,273	(100)%

In the first quarter of 2013, the Company closed an Exchange Agreement with a note holder of the 5.625% convertible senior subordinated notes due January 2017 (convertible notes). The two parties privately negotiated an agreement to exchange approximately \$52.7 million in aggregate principal amount of the convertible notes for approximately 4.9 million shares of the Company's common stock plus a cash payment totaling \$14.2 million. In connection with this exchange, the Company recognized a charge of \$7.3 million in accordance with accounting standards for debt conversion.

Loss on Senior Note Repurchase

Loss on senior note repurchase (amounts in thousands):

	2014	2013	% Decrease
Loss on senior note repurchase	\$ —	\$ 22,734	(100)%

In the fourth quarter of 2013, Titan satisfied and discharged the indenture relating to the senior secured notes due 2017 by completing a tender offer settlement and redemption of all of its outstanding \$525 million principal amount of the notes, including \$325 million issued in 2013. In connection with this tender offer and redemption, the Company recorded expenses of \$22.7 million. These expenses were related to early tender premium of \$25.0 million, redemption premium of \$8.1 million, unamortized deferred financing fees of \$7.3 million, and other fees of \$0.2 million, offset by unamortized premium on the notes of \$(17.9) million.

Gain on Earthquake Insurance Recovery

Gain on earthquake insurance recovery (amounts in thousands):

	2014	2013	% Decrease
Gain on earthquake insurance recovery	\$ —	\$ 22,451	(100)%

Titan Europe's wheel manufacturing facility in Finale Emilia, Italy experienced damage from an earthquake in May of 2012 prior to Titan's acquisition of Titan Europe. The plant was closed for production during initial remedial work. This resulted in a limited transfer of production to other facilities within Titan Europe as well as sourcing product from facilities in the U.S. owned by Titan and competitors. In the second quarter of 2013, Titan received a final insurance settlement payment of \$38.7 million, which offset the earthquake insurance receivable and resulted in a gain of \$22.5 million.

Other Income (Expense)

Other income (expense) was as follows (amounts in thousands):

	2014	2013	% Decrease
Other income (expense)	\$ (18,055)	\$ 7,015	n/a

Other expense was \$18.1 million for the year ended December 31, 2014, as compared to other income of \$7.0 million in 2013. The major items included in 2014 were: (i) currency exchange loss of \$31.7 million; (ii) gain on sale of assets of \$3.4 million; (iii) interest income of \$3.0 million; (iv) discount amortization on prepaid royalty of \$2.7 million; (v) Wheels India Limited equity income of \$2.1 million; and (vi) investment gain related to contractual obligation of \$1.1 million.

The major items included in 2013 were: (i) currency exchange loss of \$4.9 million; (ii) discount amortization on prepaid royalty of \$3.3 million; (iii) interest income of \$3.4 million; (iv) Wheels India Limited equity income of \$1.4 million; and (v) investment gain related to contractual obligation of \$1.3 million.

Foreign currency gain (losses) in 2014 and 2013, primarily reflect the translation of intercompany loans at certain foreign subsidiaries denominated in currencies other than their functional currencies. Since such loans are expected to be settled in cash at some point in the future, these loans are adjusted each reporting period to reflect the current exchange rates. During 2014, the translation of these intercompany loan balances was significant due to the relative strength of the U.S. dollar in relation to the functional currencies of the loans.

The Company's investment in Wheels India Limited decreased from 41.7% to 34.2% during the first quarter of 2014 due to an equity offering by Wheels India Limited.

Provision (Benefit) for Income Taxes

Provision (benefit) for income taxes was as follows (amounts in thousands):

	2014	2013	% Decrease
Provision (benefit) for income taxes	\$ (21,819)	\$ 25,047	n/a

The Company recorded benefit for income taxes of \$(21.8) million in 2014, as compared to income tax expense of \$25.0 million in 2013. The Company's effective tax rate was 14% in 2014 and 46% in 2013. The Company's 2014 income tax expense and rate differs from the amount of income tax determined by applying the U.S. Federal income tax rate to pre-tax income primarily as a result of non-deductible goodwill impairment recorded in 2014 and the increase in the valuation allowance against deferred tax assets. The Company's 2013 income tax expense and rate differs from the amount of income tax determined by applying the U.S. Federal income tax rate to pre-tax income primarily as a result of a change in Italian law making the insurance proceeds from the earthquake non-taxable. In addition, as a result of the reassessment of the realizability of the deferred tax assets due to the Italian law change, a valuation allowance was established on the Italy net deferred tax assets. Other items contributing to the rate difference are state income tax expense, unrecognized tax benefits, foreign earnings, domestic production activities deduction, and tax deductible expenses related to the convertible notes repurchase.

Net Income (Loss)

Net income (loss) was as follows (amounts in thousands):

	2014	2013	% Decrease
Net income (loss)	\$ (130,425)	\$ 29,687	n/a

Net loss for the year ended December 31, 2014, was \$130.4 million, compared to net income of \$29.7 million in 2013. Basic earnings per share was \$(1.50) for the year ended December 31, 2014 as compared to \$0.66 in 2013. Diluted earnings per share was \$(1.50) for the year ended December 31, 2014 as compared to \$.64 in 2013. The Company's net income and earnings per share were lower due to the items previously discussed.

Agricultural Segment Results

Agricultural segment results were as follows (amounts in thousands):

	2014	2013	% Decrease
Net sales	\$ 1,016,882	\$ 1,182,187	(14)%
Gross profit	134,688	198,910	(32)%
Income from operations	63,838	151,841	(58)%

Net sales in the agricultural market were \$1,016.9 million for the year ended December 31, 2014, as compared to \$1,182.2 million in 2013, a decrease of 14%. The inclusion of the recently acquired Voltyre-Prom business increased sales 5%.

Overall sales experienced reductions in volume of 12% and price/mix of 6% as a consequence of decreased demand for high horsepower agricultural equipment. Unfavorable currency translation decreased sales by 1%.

Gross profit in the agricultural market was \$134.7 million for the year 2014, as compared to \$198.9 million in 2013. Income from operations in the agricultural market was \$63.8 million for the year 2014, as compared to \$151.8 million in 2013. Decreased demand for high horsepower agricultural equipment, which generally has a higher margin, negatively impacted gross profit. The lower market demand also drove competitive pressures resulting in price erosion that further deteriorated both sales and gross margins. In addition, the Company's gross profit, as a percentage of net sales, and income from operations decreased as a result of the addition of the recently acquired Voltyre-Prom business at lower margins. The income from operations was also decreased by a noncash goodwill impairment charge of \$20.6 million.

Earthmoving/Construction Segment Results

Earthmoving/construction segment results were as follows (amounts in thousands):

	2014	2013	% Decrease
Net sales	\$ 610,596	\$ 749,115	(18)%
Gross profit (loss)	(7,609)	83,358	n/a
Income (loss) from operations	(80,600)	22,008	n/a

The Company's earthmoving/construction market net sales were \$610.6 million for the year ended December 31, 2014, as compared to \$749.1 million in 2013, a decrease of 18%. Segment sales experienced price/mix reductions of 20% as a consequence of reduced demand for Titan products used in the mining industry, including giant OTR tires. This decrease was partially offset by increased demand for products used in the construction industry. The inclusion of the recently acquired Voltyre-Prom business increased sales 2%. Overall unit volume was consistent with prior year, considering the growth in smaller construction units was offset by the decline in the higher priced mining units.

Gross profit in the earthmoving/construction market was \$(7.6) million for the year 2014, as compared to \$83.4 million in 2013. The Company's earthmoving/construction market loss from operations was \$(80.6) million for the year 2014, as compared to income from operations of \$22.0 million in 2013. Gross profit and income from operations decreased primarily as a result of a significant decrease in demand for Titan products used in the mining industry. Generally, there are higher margins associated with the larger, more complex mining products. The lower market demand also drove competitive pressures resulting in price erosion that further deteriorated both sales and gross margin. Lost leverage and reduced productivity in the plants are also consequences of lower sales. In the second quarter of 2014, the Company recorded an asset impairment of \$23.2 million on machinery, equipment and molds used to produce giant mining tires. In addition, the Company recorded inventory writedowns of \$16.7 million to adjust the value of mining product inventory to estimated market value. The income from operations was also decreased by a noncash goodwill impairment charge of \$14.0 million.

Consumer Segment Results

Consumer segment results were as follows (amounts in thousands):

	2014	2013	% Increase
Net sales	\$ 268,049	\$ 232,293	15%
Gross profit	16,250	15,542	5%
Income (loss) from operations	(8,766)	1,630	n/a

Consumer market net sales were \$268.0 million for the year ended December 31, 2014, as compared to \$232.3 million in 2013, an increase of 15%.

Gross profit from the consumer market was \$16.3 million in 2014 as compared to \$15.5 million in 2013. Consumer market loss from operations was \$(8.8) million for the year 2014, as compared to income from operations of \$1.6 million in 2013. The Company's gross profit, as a percentage of net sales, and income from operations decreased as a result of competitive pricing on bias truck tires in Latin America. In addition, the Company's gross profit, as a percentage of net sales, and income from operations decreased as a result of the addition of the recently acquired Voltyre-Prom business at lower margins. The income from operations was also decreased by a noncash goodwill impairment charge of \$2.0 million.

Segment Summary
(Amounts in thousands)

2014	Agricultural	Earthmoving/ Construction	Consumer	Corporate Expenses	Consolidated Totals
Net sales	\$ 1,016,882	\$ 610,596	\$ 268,049	\$ —	\$ 1,895,527
Gross profit (loss)	134,688	(7,609)	16,250	(2,686)	140,643
Income (loss) from operations	63,838	(80,600)	(8,766)	(72,097)	(97,625)
2013					
Net sales	\$ 1,182,187	749,115	\$ 232,293	\$ —	\$ 2,163,595
Gross profit (loss)	198,910	83,358	15,542	(2,620)	295,190
Income (loss) from operations	151,841	22,008	1,630	(73,084)	102,395

Corporate Expenses

Income from operations on a segment basis does not include corporate expenses totaling \$72.1 million for the year ended December 31, 2014, as compared to \$73.1 million in 2013. Corporate expenses were composed of selling and marketing expenses of approximately \$33 million and \$32 million for the year ended December 31, 2014, and 2013, respectively; and administrative expenses of approximately \$39 million and \$41 million for the year ended December 31, 2014, and 2013, respectively.

FISCAL YEAR ENDED DECEMBER 31, 2013, COMPARED TO FISCAL YEAR ENDED DECEMBER 31, 2012

RESULTS OF OPERATIONS

Highlights for the year ended December 31, 2013, compared to 2012 (amounts in thousands):

	2013	2012	% Increase
Net sales	\$ 2,163,595	\$ 1,820,678	19%
Cost of sales	1,868,405	1,526,539	22%
Gross profit	295,190	294,139	—%
Gross profit percentage	13.6%	16.2%	

Net Sales

Net sales for the year ended December 31, 2013, were \$2,163.6 million compared to \$1,820.7 million for the year ended December 31, 2012, an increase of 19%. Sales increased 30% from the inclusion of recently acquired entities, including \$484.3 million at Titan Europe. The increase in net sales was partially offset by a price/mix reduction which resulted largely from decreased raw material prices that were generally passed on to customers and decreased sales 9%, and unfavorable currency translation which decreased sales by 2%.

Cost of Sales and Gross Profit

Cost of sales was \$1,868.4 million for the year ended December 31, 2013, as compared to \$1,526.5 million in 2012. The higher cost of sales resulted primarily from the increase in sales levels. The cost of sales increased 22%, compared to a 19% increase in net sales.

Gross profit for the year 2013 was \$295.2 million, or 13.6% of net sales, compared to \$294.1 million, or 16.2% of net sales for 2012. Gross profit, as a percentage of net sales, decreased as a result of the Titan Europe acquisition and lower raw material costs that were passed on to customers before being fully realized by the Company. Increased warranty provisions relating to earthmoving tires also contributed to the decreased gross profit. Titan Europe provided gross profit of \$65.4 million, or 11.4% of net sales. Titan Europe margins were negatively affected by decreased earthmoving/construction demand.

Selling, General and Administrative Expenses

Selling, general and administrative expenses were as follows (amounts in thousands):

	2013	2012	% Increase
Selling, general and administrative	\$ 167,371	\$ 126,157	33%
Percentage of net sales	7.7%	6.9%	

Selling, general and administrative (SG&A) expenses were \$167.4 million, or 7.7% of net sales, for the year ended December 31, 2013, as compared to \$126.2 million, or 6.9% of net sales, for 2012. The higher SG&A expenses were primarily the result of approximately \$55 million of SG&A expenses at recently acquired facilities, partially offset by a decrease of incentive compensation of approximately \$11 million. The increase in SG&A as a percentage of sales was primarily the result of higher SG&A percentages at recently acquired facilities.

Research and Development Expenses

Research and development expenses were as follows (amounts in thousands):

	2013	2012	% Increase
Research and development	\$ 11,165	\$ 7,148	56%
Percentage of net sales	0.5%	0.4%	

Research and development (R&D) expenses were \$11.2 million, or 0.5% of net sales, for the year ended December 31, 2013, as compared to \$7.1 million, or 0.4% of net sales, for 2012. Approximately \$5 million of R&D expenses of recently acquired facilities contributed to the increase.

Royalty Expense

Royalty expense was as follows (amounts in thousands):

	2013	2012	% Increase
Royalty expense	\$ 14,259	\$ 12,260	16%

The Company has a trademark license agreement with The Goodyear Tire & Rubber Company to manufacture and sell certain off-highway tires in North America and Latin America under the Goodyear name. The North American and Latin American farm tire royalties were prepaid through March 2018 as a part of the 2011 Goodyear Latin American farm tire acquisition. In May 2012, the Company and Goodyear entered into an agreement under which Titan will sell certain non-farm tire products directly to third party customers and pay a royalty to Goodyear. Royalty expenses were \$14.3 million for the year ended December 31, 2013, as compared to \$12.3 million in 2012. As sales subject to the license agreement increased in 2013, the Company's royalty expense increased accordingly.

Supply Agreement Termination Income

Supply agreement termination income was as follows (amounts in thousands):

	2013	2012	% Decrease
Supply agreement termination income	\$ —	\$ 26,134	(100)%

The Company's April 2011 acquisition of Goodyear's farm tire business included a three year supply agreement with Goodyear for certain non-farm tire products. A liability was recorded as the supply agreement was for sales at below market prices. In May 2012, the Company and Goodyear terminated this supply agreement and entered into an agreement under which Titan will sell these products directly to third party customers and pay a royalty to Goodyear. The remaining balance of the supply agreement liability was recorded as income as the Company is no longer obligated to sell the products at below market prices.

Income from Operations

Income from operations was as follows (amounts in thousands):

	2013	2012	% Decrease
Income from operations	\$ 102,395	\$ 174,708	(41)%
Percentage of net sales	4.7%	9.6%	

Income from operations for the year ended December 31, 2013, was \$102.4 million, or 4.7% of net sales, compared to \$174.7 million, or 9.6% of net sales, in 2012. This decrease was the net result of the items previously discussed above.

Interest Expense

Interest expense was as follows (amounts in thousands):

	2013	2012	% Increase
Interest expense	\$ 47,120	\$ 27,658	70%

Interest expense for the year 2013 was \$47.1 million compared to \$27.7 million in 2012. The Company's interest expense for 2013 increased from the previous year primarily as a result of approximately \$9 million of interest for the additional 7.875% senior secured notes issued in the first quarter of 2013 and approximately \$6 million of interest for the 6.875% senior secured notes due 2020 (senior secured notes due 2020) issued in the fourth quarter of 2013. Interest expense for the first ten months of 2013 at the recently acquired Titan Europe of approximately \$8 million also contributed to the increase.

Convertible Debt Conversion Charge

Convertible debt conversion charge was as follows (amounts in thousands):

	2013	2012	% Increase
Convertible debt conversion charge	\$ 7,273	\$ —	n/a

In the first quarter of 2013, the Company closed an Exchange Agreement with a note holder of the convertible notes. The two parties privately negotiated an agreement to exchange approximately \$52.7 million in aggregate principal amount of the convertible notes for approximately 4.9 million shares of the Company's common stock plus a cash payment totaling \$14.2 million. In connection with this exchange, the Company recognized a charge of \$7.3 million in accordance with accounting standards for debt conversion.

Loss on Senior Note Repurchase

Loss on senior note repurchase (amounts in thousands):

	2013	2012	% Increase
Loss on senior note repurchase	\$ 22,734	\$ —	n/a

In the fourth quarter of 2013, Titan satisfied and discharged the indenture relating to the 7.875% senior secured notes due October 2017 (senior secured notes due 2017) by completing a tender offer settlement and redemption of all of its outstanding \$525 million principal amount of the notes, including \$325 million issued in 2013. In connection with this tender offer and redemption, the Company recorded expenses of \$22.7 million. These expenses were related to early tender premium of \$25.0 million, redemption premium of \$8.1 million, unamortized deferred financing fees of \$7.3 million, and other fees of \$0.2 million, offset by unamortized premium on the notes of \$(17.9) million.

Noncash Titan Europe Gain

Noncash Titan Europe gain was as follows (amounts in thousands):

	2013	2012	% Decrease
Noncash Titan Europe gain	\$ —	\$ 26,700	(100)%

In the fourth quarter of 2012, the Company acquired Titan Europe. Prior to the acquisition, Titan held a 21.8% ownership percentage in Titan Europe, which had a fair value on the acquisition date of \$31.7 million. As a result of recording the fair value of the investment on the acquisition date, a gain of \$26.7 million was recorded on Titan's previously held interest in Titan Europe.

Gain on Earthquake Insurance Recovery

Gain on earthquake insurance recovery (amounts in thousands):

	2013	2012	% Increase
Gain on earthquake insurance recovery	\$ 22,451	\$ —	n/a

Titan Europe's wheel manufacturing facility in Finale Emilia, Italy experienced damage from an earthquake in May of 2012 prior to Titan's acquisition of Titan Europe. The plant was closed for production during initial remedial work. This resulted in a limited transfer of production to other facilities within Titan Europe as well as sourcing product from facilities in the U.S. owned by Titan and competitors. In the second quarter of 2013, Titan received a final insurance settlement payment of \$38.7 million, which offset the earthquake insurance receivable and resulted in a gain of \$22.5 million.

Gain on acquisition

Gain on acquisition was as follows (amounts in thousands):

	2013	2012	% Decrease
Gain on acquisition	\$ —	\$ 11,678	(100)%

In the second quarter of 2013, Titan received a final insurance settlement payment regarding an earthquake Titan Europe's wheel manufacturing facility in Finale Emilia, Italy experienced in May 2012, prior to Titan's acquisition of Titan Europe. As a result of this information, the purchase price allocation of the Titan Europe acquisition has changed from that reported in the Form 10-K for the year ended December 31, 2012, and the 10-Q for the quarter ended March 31, 2013, and Titan has recorded a bargain purchase gain of \$11.7 million for the year ended December 31, 2012.

Other Income

Other income was as follows (amounts in thousands):

	2013	2012	% Increase
Other income	\$ 7,015	\$ 6,823	3%

Other income was \$7.0 million for the year ended December 31, 2013, as compared to \$6.8 million in 2012. The major items included in 2013 were: (i) discount amortization on prepaid royalty of \$3.3 million; (ii) interest income of \$3.4 million; (iii) Wheels India Limited equity gain of \$1.4 million; (iv) investment gain related to contractual obligation of \$1.3 million; and (iv) rental income of \$0.8 million.

The major items included in 2012 were: (i) discount amortization on prepaid royalty of \$3.7 million; (ii) investment gain related to contractual obligation of \$1.0 million; (iii) interest income of \$0.9 million; and (iv) rental income of \$0.7 million.

Provision for Income Taxes

Provision for income taxes was as follows (amounts in thousands):

	2013	2012	% Decrease
Provision for income taxes	\$ 25,047	\$ 86,613	(71)%

The Company recorded provision for income taxes of \$25.0 million in 2013, as compared to \$86.6 million in 2012. The Company's effective tax rate was 46% in 2013 and 45% in 2012. The Company's 2013 income tax expense and rate differs from the amount of income tax determined by applying the U.S. Federal income tax rate to pre-tax income primarily as a result of a change in Italian law making the insurance proceeds from the earthquake non-taxable. In addition, as a result of the reassessment of the realizability of the deferred tax assets due to the Italian law change, a valuation allowance was established on the Italy net deferred tax assets. Other items contributing to the rate difference are state income tax expense, unrecognized tax benefits, foreign earnings, domestic production activities deduction, and tax deductible expenses related to the convertible notes repurchase. The Company's 2012 income tax expense and rate differs from the amount of income tax determined by applying the U.S. Federal rate to pre-tax income primarily as a result of incremental foreign taxes, state income tax, unrecognized tax benefits, the Domestic Production exemption and the write off of the deferred tax asset related to the Titan Europe investment.

Net Income

Net income was as follows (amounts in thousands):

	2013	2012	% Decrease
Net income	\$ 29,687	\$ 105,638	(72)%

Net income for the year ended December 31, 2013, was \$29.7 million, compared to \$105.6 million in 2012. Basic earnings per share was \$.66 for the year ended December 31, 2013 as compared to \$2.47 in 2012. Diluted earnings per share was \$.64 for the year ended December 31, 2013 as compared to \$2.05 in 2012. The Company's net income and earnings per share were lower due to the items previously discussed.

Agricultural Segment Results

Agricultural segment results were as follows (amounts in thousands):

	2013	2012	% Increase (Decrease)
Net sales	\$ 1,182,187	\$ 1,080,412	9 %
Gross profit	198,910	206,376	(4)%
Income from operations	151,841	178,587	(15)%

Net sales in the agricultural market were \$1,182.2 million for the year ended December 31, 2013, as compared to \$1,080.4 million in 2012, an increase of 9%. Sales increased 15% from the inclusion of recently acquired entities. Sales volume was 5% higher as the result of increased demand in the Company's agricultural segment. The increase in net sales was partially offset by a price/mix reduction which resulted largely from decreased raw material costs passed through to customers that decreased sales 9%, and unfavorable currency translation which decreased sales by 2%.

Gross profit in the agricultural market was \$198.9 million for the year 2013, as compared to \$206.4 million in 2012. Income from operations in the agricultural market was \$151.8 million for the year 2013, as compared to \$178.6 million in 2012. The Company's gross profit, as a percentage of net sales, and income from operations decreased as a result of the Titan Europe acquisition and lower raw material costs that were passed on to customers before being fully realized by the Company. Titan Europe provided gross profit of \$19.0 million, or 11.2% of net sales.

Earthmoving/Construction Segment Results

Earthmoving/construction segment results were as follows (amounts in thousands):

	2013	2012	% Increase (Decrease)
Net sales	\$ 749,115	\$ 501,617	49 %
Gross profit	83,358	74,348	12 %
Income from operations	22,008	47,310	(53)%

The Company's earthmoving/construction market net sales were \$749.1 million for the year ended December 31, 2013, as compared to \$501.6 million in 2012, an increase of 49%. Sales increased 73% from the inclusion of recently acquired entities, primarily Titan Europe which recorded earthmoving/construction sales of \$332.3 million in the first ten months of 2013. The increase in net sales was partially offset by weakened demand which contributed to a 17% decrease in sales volume, and a price/mix reduction which resulted largely from decreased demand for larger products used in the mining industry that decreased sales 7%.

Gross profit in the earthmoving/construction market was \$83.4 million for the year 2013, as compared to gross profit of \$74.3 million in 2012. The Company's earthmoving/construction market income from operations was \$22.0 million for the year 2013, as compared to \$47.3 million in 2012. Gross profit and income from operations were negatively affected by decreased demand in the earthmoving/construction segment and increased warranty provisions relating to super giant mining tires.

Consumer Segment Results

Consumer segment results were as follows (amounts in thousands):

	2013	2012	% Decrease
Net sales	\$ 232,293	\$ 238,649	(3)%
Gross profit	15,542	16,366	(5)%
Income from operations	1,630	32,243	(95)%

Consumer market net sales were \$232.3 million for the year ended December 31, 2013, as compared to \$238.6 million in 2012, a decrease of 3%.

Gross profit from the consumer market was \$15.5 million in 2013 as compared to \$16.4 million in 2012. Consumer market income from operations was \$1.6 million for the year 2013, as compared to \$32.2 million in 2012. The Company's decrease in income from operations was primarily the result of the supply agreement termination income of \$26.1 million recorded in the second quarter of 2012.

Segment Summary

(Amounts in thousands)

2013	Agricultural	Earthmoving/ Construction	Consumer	Corporate Expenses	Consolidated Totals
Net sales	\$ 1,182,187	\$ 749,115	\$ 232,293	\$ —	\$ 2,163,595
Gross profit (loss)	198,910	83,358	15,542	(2,620)	295,190
Income (loss) from operations	151,841	22,008	1,630	(73,084)	102,395
2012					
Net sales	\$ 1,080,412	501,617	\$ 238,649	\$ —	\$ 1,820,678
Gross profit (loss)	206,376	74,348	16,366	(2,951)	294,139
Income (loss) from operations	178,587	47,310	32,243	(83,432)	174,708

Corporate Expenses

Income from operations on a segment basis does not include corporate expenses totaling \$73.1 million for the year ended December 31, 2013, as compared to \$83.4 million in 2012.

Corporate expenses for the year ended December 31, 2013, were composed of selling and marketing expenses of approximately \$32 million and administrative expenses of approximately \$41 million.

Corporate expenses for the year ended December 31, 2012, were composed of selling and marketing expenses of approximately \$31 million and administrative expenses of approximately \$52 million.

Corporate selling & marketing expenses were approximately \$1 million higher in 2013 primarily due to increased information technology expenses. Corporate administrative expenses were approximately \$11 million lower in 2013, when compared to 2012. Corporate administrative expenses were lower primarily due to a decrease in incentive compensation of approximately \$11 million.

LIQUIDITY AND CAPITAL RESOURCES

Cash Flows

As of December 31, 2014, the Company had \$201.5 million of cash.

(amounts in thousands)

	Year ended December 31,		
	2014	2013	Change
Cash	\$ 201,451	\$ 189,360	\$ 12,091

The cash balance increased by \$12.1 million from December 31, 2013, due to the following items.

Operating Cash Flows

Summary of cash flows from operating activities:

(Amounts in thousands)

	Year ended December 31,		
	2014	2013	Change
Net income (loss)	\$ (130,425)	\$ 29,687	\$ (160,112)
Depreciation and amortization	88,704	80,622	8,082
Mining asset impairment	23,242	—	23,242
Mining inventory writedown	16,690	—	16,690
Deferred income tax provision	(24,800)	(4,004)	(20,796)
Noncash goodwill impairment charge	36,571	—	36,571
Convertible debt conversion charge	—	7,273	(7,273)
Loss on note repurchase	—	22,734	(22,734)
Gain on earthquake insurance recovery	—	(22,451)	22,451
Insurance proceeds	—	35,808	(35,808)
Accounts receivable	54,686	26,417	28,269
Inventories	20,933	(30,280)	51,213
Prepaid and other current assets	30,324	(39,825)	70,149
Accounts payable	(23,777)	9,479	(33,256)
Other current liabilities	(2,089)	(556)	(1,533)
Other liabilities	18,487	(3,375)	21,862
Other operating activities	5,526	5,120	406
Cash provided by operating activities	\$ 114,072	\$ 116,649	\$ (2,577)

For the year ended December 31, 2014, operating activities provided cash of \$114.1 million, which was \$2.6 million less than the prior year. Included in net loss of \$130.4 million were noncash charges for depreciation and amortization of \$88.7 million, noncash goodwill impairment charge of \$36.6 million, mining asset impairment charge of \$23.2 million, and mining inventory writedown of \$16.7 million. The changes in operational working capital increased cash flows by \$80.1 million in 2014 compared to a decrease of \$34.8 million in 2013. The 2014 working capital increase was primarily due to a decrease in accounts receivable of \$54.7 million. For additional details, see the Consolidated Statement of Cash Flows on page F-8.

For the year ended December 31, 2013, operating activities provided cash of \$116.6 million, which was \$13.5 million less than the prior year, primarily due to changes in operational working capital. The major source of funds was net income of \$29.7 million, adjusted for noncash provision of depreciation and amortization of \$80.6 million. Insurance proceeds less gain on earthquake insurance recovery provided cash of \$13.4 million. Positive cash inflows were offset by the loss on note repurchase of \$22.7 million. The changes in operational working capital decreased cash flows by \$34.8 million in 2013 compared to a decrease of \$2.2 million in 2012. The 2013 working capital decrease was primarily due to an increase in prepaid and other current assets of \$39.8 million.

For the year ended December 31, 2012, operating activities provided cash of \$130.2 million, which was \$125.7 million more than the prior year, primarily due to the net income increase of \$47.5 million and changes in operational working capital. The major source of funds was net income of \$105.6 million, adjusted for noncash provision of depreciation and amortization of \$54.1 million. Positive cash inflows were offset by the noncash Titan Europe gain of \$26.7 million, noncash supply agreement termination income of \$26.1 million, and noncash gain on acquisition of \$11.7 million. The changes in operational working capital decreased cash flows by \$2.2 million in 2012 compared to a decrease of \$109.3 million in 2011. The 2011 working capital decrease was primarily due to the acquisition of The Goodyear Tire & Rubber Company's Latin American farm tire business that did not include accounts receivable, and an increase in inventory due to sales growth in the business and increased raw material costs.

The Company's inventory and accounts receivable balances were lower at December 31, 2014, as compared to December 31, 2013. Days sales in inventory decreased to 68 days at December 31, 2014, compared to 74 days at December 31, 2013. Days sales outstanding decreased to 47 days at December 31, 2014, from 48 days at December 31, 2013.

Investing Cash Flows

Summary of cash flows from investing activities:

(Amounts in thousands)

	Year ended December 31,		
	2014	2013	Change
Acquisitions	\$ (13,395)	\$ (95,681)	\$ 82,286
Additional equity investment in Wheels India	—	(8,017)	8,017
(Increase) decrease in restricted cash deposits	14,268	(14,473)	28,741
Capital expenditures	(58,439)	(80,131)	21,692
Other investing activities	5,044	5,223	(179)
Cash used for investing activities	\$ (52,522)	\$ (193,079)	\$ 140,557

Net cash used for investing activities was \$52.5 million in 2014, as compared to \$193.1 million in 2013 and \$63.9 million in 2012. The Company invested a total of \$58.4 million in capital expenditures in 2014, compared to \$80.1 million in 2013 and \$65.7 million in 2012. In 2014, approximately \$1 million of the capital expenditures related to recently acquired facilities, compared to \$25 million and \$14 million in 2013 and 2012, respectively. The remaining capital expenditures of approximately \$57 million in 2014, approximately \$55 million in 2013, and approximately \$52 million in 2012, represent various equipment purchases and improvements to enhance production capabilities of Titan's existing business and maintaining existing equipment.

Cash used for investing decreased \$140.6 million from the year ended December 31, 2013, to December 31, 2014. In 2013, approximately \$94 million was used for the acquisition of Voltyre-Prom.

Financing Cash Flows

Summary of cash flows from financing activities:

(Amounts in thousands)

	Year ended December 31,		
	2014	2013	Change
Proceeds from borrowings	\$ 15,708	\$ 788,704	\$ (772,996)
Repurchase of senior notes	—	(558,360)	558,360
Convertible note conversion	—	(14,090)	14,090
Capital contribution from noncontrolling interest	—	79,592	(79,592)
Proceeds from exercise of stock options	141	1,001	(860)
Payment of financing fees	(33)	(12,332)	12,299
Payment on debt	(60,345)	(200,721)	140,376
Excess tax benefit from stock options exercised	(672)	(68)	(604)
Dividends paid	(1,073)	(1,046)	(27)
Cash provided by (used for) financing activities	\$ (46,274)	\$ 82,680	\$ (128,954)

Net cash used for financing activities was \$46.3 million in 2014. This cash was primarily used for payment of debt of \$60.3 million, partially offset by proceeds from borrowings of \$15.7 million.

Net cash provided by financing activities was \$82.7 million in 2013. This cash was primarily provided by proceeds from the issuance of \$400.0 million of 6.875% senior secured notes due 2020 and \$345.3 million of additional 7.875% senior secured notes due 2017, as well as capital contribution from noncontrolling interest of \$79.6 million. These positive cash inflows were partially offset by the purchase and redemption of 7.875% senior secured notes due 2017 of \$558.4 million, and payment on other debt of \$200.7 million.

Net cash used for financing activities was \$4.6 million in 2012. The cash was primarily used for payment on term loan borrowings of \$20.8 million, partially offset by proceeds from borrowings of \$8.8 million and term loan borrowings of \$8.3 million.

Financing cash flows decreased by \$129.0 million when comparing 2014 to 2013. Financing cash flows increased by \$87.3 million when comparing 2013 to 2012. The changes from year to year are primarily the result of activity related to debt borrowings and payments.

Debt Restrictions

The Company's revolving credit facility (credit facility) contains various restrictions, including:

- Limits on dividends and repurchases of the Company's stock.
- Restrictions on the ability of the Company to make additional borrowings, or to consolidate, merge or otherwise fundamentally change the ownership of the Company.
- Limitations on investments, dispositions of assets and guarantees of indebtedness.
- Other customary affirmative and negative covenants.

These restrictions could limit the Company's ability to respond to market conditions, to provide for unanticipated capital investments, to raise additional debt or equity capital, to pay dividends or to take advantage of business opportunities, including future acquisitions.

Other Issues

The Company's business is subject to seasonal variations in sales that affect inventory levels and accounts receivable balances. Historically, Titan tends to have higher production levels in the first and second quarters.

LIQUIDITY OUTLOOK

At December 31, 2014, the Company had \$201.5 million of cash and cash equivalents and no outstanding borrowings on the Company's \$150 million revolving credit facility. Titan's availability under this domestic facility may be less than \$150 million as a result of eligible accounts receivable and inventory balances at certain of its domestic subsidiaries. At December 31, 2014, the amount available was \$94.2 million as a result of the Company's decrease in sales which impacted both accounts receivable and inventory balances at year end. The cash and cash equivalents balance of \$201.5 million includes \$71.4 million held in foreign countries. The Company's current plans do not demonstrate a need to repatriate the foreign amounts to fund U.S. operations. However, if foreign funds were needed for U.S. operations, the Company would be required to accrue and pay taxes to repatriate the funds. Titan expects to contribute approximately \$6 million to its defined benefit pension plans during 2015.

Capital expenditures for 2015 are forecasted to be approximately \$65 million. Cash payments for interest are currently forecasted to be approximately \$34 million in 2015 based on the Company's year-end 2014 debt balances.

In the future, Titan may seek to grow by making acquisitions which will depend on the ability to identify suitable acquisition candidates, to negotiate acceptable terms for their acquisition and to finance those acquisitions.

Subject to the terms of indebtedness, the Company may finance future acquisitions with cash on hand, cash from operations, additional indebtedness and/or by issuing additional equity securities.

Cash on hand, anticipated internal cash flows from operations and utilization of remaining available borrowings are expected to provide sufficient liquidity for working capital needs, capital expenditures and potential acquisitions.

INFLATION

The Company is subject to the effect of price fluctuations. While the cost outlook for commodities used in the Company's production is not certain, management believes it can manage these inflationary pressures by introducing appropriate sales price adjustments and through contract provisions with OEMs. However, these price adjustments may lag the inflationary pressures.

CONTRACTUAL OBLIGATIONS

The Company's contractual obligations at December 31, 2014, consisted of the following (amounts in thousands):

Contractual Obligations	Total	Payments due by period			
		Less than 1 year	1-3 years	3-5 years	More than 5 years
6.875% senior secured notes due 2020	\$ 400,000	\$ —	\$ —	\$ —	\$ 400,000
5.625% convertible senior subordinated notes due 2017	60,161	—	60,161	—	—
Other debt	59,304	24,712	33,321	1,271	—
Interest expense (a)	169,298	34,277	59,396	55,000	20,625
Operating leases	22,265	6,874	9,820	3,686	1,885
Capital leases	3,271	1,522	1,541	203	5
Purchase obligations	27,460	24,373	1,773	1,314	—
Other long-term liabilities (b)	42,100	9,000	17,800	15,300	—
Total	\$ 783,859	\$ 100,758	\$ 183,812	\$ 76,774	\$ 422,515

- (a) Interest expense is estimated based on the Company's year-end 2014 debt balances, maturities and interest rates. The estimates assume no credit facility borrowings. The Company's actual debt balances and interest rates may fluctuate in the future. Therefore, actual interest payments may vary from those payments detailed in the above table.
- (b) Other long-term liabilities represent the Company's estimated funding requirements for defined benefit pension plans. The Company's liability for pensions is based on a number of assumptions, including discount rates, rates of return on investments, mortality rates and other factors. Certain of these assumptions are determined with the assistance of outside actuaries. Assumptions are based on past experience and anticipated future trends and are subject to a number of risks and uncertainties and may lead to significantly different pension liability funding requirements.

OFF-BALANCE SHEET ARRANGEMENTS

The Company has no material off-balance sheet arrangements.

MARKET RISK SENSITIVE INSTRUMENTS

Exchange Rate Sensitivity

The Company is exposed to fluctuations in the Australian dollar, Brazilian real, British pound, euro, Russian ruble and other world currencies. The Company uses financial derivatives to mitigate its exposure to volatility in foreign currency exchange rates. The Company's net investment in foreign entities translated into U.S. dollars was \$382.5 million at December 31, 2014, and \$476.4 million at December 31, 2013. The hypothetical potential loss in value of the Company's net investment in foreign entities resulting from a 10% adverse change in foreign currency exchange rates at December 31, 2014, would amount to approximately \$38.3 million.

Commodity Price Sensitivity

The Company does not generally enter into long-term commodity contracts and does not use derivative commodity instruments to hedge its exposures to commodity market price fluctuations. Therefore, the Company is exposed to price fluctuations of its key commodities, which consist primarily of steel, natural rubber, synthetic rubber and carbon black. The Company attempts to pass on certain material price increases and decreases to its customers, depending on market conditions.

Interest Rate Sensitivity

The Company has a \$150 million credit facility that has a variable interest rate. If the credit facility were fully drawn, a change in the interest rate of 100 basis points, or 1%, would change the Company's interest expense by approximately \$1.5 million. At December 31, 2014, there were no borrowings under the credit facility.

MARKET CONDITIONS AND OUTLOOK

In 2014, Titan experienced lower sales when compared to 2013. The lower sales levels were primarily the result of decreased demand for high horsepower equipment used in the agricultural market, and decreased demand in the earthmoving/construction segment primarily for products used in the mining industry. These decreases were partially offset by increased demand for products used in the construction industry. In addition, competitive pressures resulting in price erosion, negatively impacted both sales and margins.

Energy, raw material and petroleum-based product costs have been volatile and may negatively impact the Company's margins. Many of Titan's overhead expenses are fixed; therefore, lower seasonal trends may cause negative fluctuations in quarterly profit margins and affect the financial condition of the Company.

AGRICULTURAL MARKET OUTLOOK

Agricultural market sales were lower in 2014 when compared to 2013 due to decreased demand for high horsepower equipment used in the agricultural market, partially offset by sales at the recently acquired Voltyre-Prom business. Farm net income is expected to be less in 2015 due to lower grain prices and rising input cost for seed, chemicals and fuel. Lower income levels are putting pressure on the demand for large farm equipment. In addition, large equipment sales have deteriorated significantly after a robust cycle in recent years. The mix shift to lower horsepower tractors has a negative impact on revenue and margin performance. Many variables, including weather, grain prices, export markets and future government policies and payments can greatly influence the overall health of the agricultural economy.

EARTHMOVING/CONSTRUCTION MARKET OUTLOOK

Earthmoving and mining sales were significantly lower in 2014 when compared to 2013 due to weak demand in the mining industry. This reduced demand for larger products used in the mining industry is expected to continue for 2015 as weakness continues in the mining industry. Demand for small earthmoving/construction equipment used in the housing and commercial construction sectors has improved. Although metals, oil and gas prices may fluctuate in the short-term, in the long-term, these prices are expected to remain at levels that are attractive for continued investment, which should help support future earthmoving and mining sales. The earthmoving/construction segment is affected by many variables, including commodity prices, road construction, infrastructure, government appropriations, housing starts and other macroeconomic drivers.

CONSUMER MARKET OUTLOOK

Consumer market sales were higher in 2014, when compared to 2013. Sales in the consumer market increased primarily as the result of increased consumer sales at overseas facilities, while competitive pricing on bias truck tires in Latin America had a negative impact on gross profit and income from operations. The consumer market is expected to remain highly competitive in 2015.

PENSIONS

The Company has three frozen defined benefit pension plans covering certain employees or former employees of three U.S. subsidiaries. The Company also has pension plans covering certain employees of several foreign subsidiaries. These plans are described in Note 29 of the Company's Notes to Consolidated Financial Statements.

The Company's recorded liability for pensions is based on a number of assumptions, including discount rates, rates of return on investments, mortality rates and other factors. Certain of these assumptions are determined by the Company with the assistance of outside actuaries. Assumptions are based on past experience and anticipated future trends. These assumptions are reviewed on a regular basis and revised when appropriate. Revisions in assumptions and actual results that differ from the assumptions affect future expenses, cash funding requirements and the carrying value of the related obligations. During the year ended December 31, 2014, the Company contributed cash funds of \$5.7 million to the pension plans. Titan expects to contribute approximately \$6 million to these pension plans during 2015.

Titan's projected benefit obligation at December 31, 2014, was \$126.8 million as compared to \$123.2 million at December 31, 2013. The Company's defined benefit pension plans were underfunded by \$42.5 million at December 31, 2014. During 2014, the Company recorded net periodic pension expense of \$3.4 million. Accumulated other comprehensive loss recorded for defined benefit pension plans, net of tax, was \$26.1 million and \$20.9 million at December 31, 2014 and 2013, respectively. Other comprehensive income (loss) is recorded as a direct charge to stockholders' equity and does not affect net income. Titan will be required to record net periodic pension cost in the future; these costs may fluctuate based upon revised assumptions and could negatively affect the Company's financial position, cash flows and results of operations.

ITEM 7A – QUANTITATIVE AND QUALITATIVE DISCLOSURES ABOUT MARKET RISK

Reference is made to Item 7, Part II of this report.

ITEM 8 – FINANCIAL STATEMENTS AND SUPPLEMENTARY DATA

Reference is made to Item 15, Part IV of this report, “Exhibits, Financial Statement Schedules.”

ITEM 9 – CHANGES IN AND DISAGREEMENTS WITH ACCOUNTANTS ON ACCOUNTING AND FINANCIAL DISCLOSURE

None.

ITEM 9A – CONTROLS AND PROCEDURES

Evaluation of Disclosure Controls and Procedures

Titan’s management has established disclosure controls and procedures that are designed to ensure that the information required to be disclosed by the Company in the reports that it files or submits under the Securities Exchange Act of 1934, as amended (the Exchange Act) is recorded, processed, summarized, and reported within the time periods specified in SEC rules and forms and that such information is accumulated and communicated to management, including Titan’s chief executive officer (CEO) (principal executive officer) and chief financial officer (CFO) (principal financial officer), as appropriate to allow for timely decisions regarding required disclosure. No system of controls, no matter how well designed and operated, can provide absolute assurance that the objectives of the system of controls are met, and no evaluation of controls can provide assurance that the system of controls has operated effectively in all cases.

Titan’s management, including the principal executive officer and principal financial officer, evaluated the effectiveness of disclosure controls and procedures (as defined in Exchange Act Rules 13a-15(e) and 15d-15(e) of the Exchange Act) as of the end of the period covered by this Form 10-K. Based on this evaluation, the Company’s principal executive officer and principal financial officer have concluded that the Company’s disclosure controls and procedures were not effective as of December 31, 2014, because of a material weakness in internal control over financial reporting (as defined in Exchange Act Rules 13a-15(f) and 15d-15(f)) as described below under “Management’s Report on Internal Control Over Financial Reporting”.

Notwithstanding the material weakness described below, the Company and its management have concluded that the Company’s consolidated financial statements for the periods covered by and included in the Annual Report on Form 10-K are fairly stated, in all material respects, in accordance with generally accepted accounting principles in the United States of America for each of the periods presented herein.

Management’s Report on Internal Control Over Financial Reporting

Titan’s management is responsible for establishing and maintaining adequate internal control over financial reporting. The Company’s internal control over financial reporting is a process designed by, or under the supervision of, Titan’s principal executive officer and principal financial officer, and effected by the Company’s Board of Directors, management and other personnel, to provide reasonable assurance regarding the reliability of financial reporting and the preparation of financial statements for external purposes in accordance with generally accepted accounting principles in the United States of America. Internal control over financial reporting includes those policies and procedures that:

- pertain to the maintenance of records that, in reasonable detail, accurately and fairly reflect the transactions and dispositions of assets of the Company;
- provide reasonable assurance that transactions are recorded as necessary to permit preparation of financial statements in accordance with generally accepted accounting principles, and that receipts and expenditures of the Company are being made only in accordance with authorizations of management and directors of the Company; and
- provide reasonable assurance regarding prevention or timely detection of unauthorized acquisition, use or disposition of the Company’s assets that could have a material effect on the financial statements.

Because of its inherent limitations, internal control over financial reporting may not prevent or detect misstatements. Also, projections of any evaluation of effectiveness to future periods are subject to the risk that controls may become inadequate because of changes in conditions, or that the degree of compliance with the policies or procedures may deteriorate.

Management has performed an evaluation of the effectiveness of the Company's internal control over financial reporting as of December 31, 2014, based on criteria described in the "1992 Internal Control-Integrated Framework" issued by the Committee of Sponsoring Organizations of the Treadway Commission (COSO). Based on this evaluation, management concluded that due to the material weakness described below the Company's internal control over financial reporting was not effective as of December 31, 2014.

A material weakness is a deficiency, or combination of deficiencies, in internal control over financial reporting, such that there is a reasonable possibility that a material misstatement of the company's annual or interim financial statements will not be prevented or detected on a timely basis.

Over the past couple of years, Titan has added numerous international locations which have added complexity to its financial reporting. In addition, in the current year, the Company has experienced an economic and market downturn which has added to the accounting complexity with issues such as goodwill and fixed asset impairment, valuation of inventory and other related issues. As Titan has grown in size and complexity, the accounting staff has not increased in a sufficient manner to ensure proper adherence with US GAAP.

Due to the added accounting complexities, insufficient resources, and the challenge of financial controller continuity at select international locations, Titan management determined that the internal control over financial reporting in place for complex transactions may not always operate at the appropriate level of precision required to prevent or detect material misstatements of the Company's annual financial statements on a timely basis.

Item 8 includes the adverse audit report of Grant Thornton LLP on Titan International, Inc's internal control over financial reporting as of December 31, 2014.

Remediation Plan

Management and the Board of Directors of Titan are committed to the continued improvement of the Company's overall system of internal control over financial reporting. Management believes the remediation measures described below will remediate the identified control deficiency and strengthen the Company's internal control over financial reporting.

The Company has identified international locations in which it needs to invest in accounting resources with the appropriate level of experience and knowledge. In these locations, the Company will hire personnel and management with the proper level of accounting and financial reporting knowledge and experience. In one area of identified need, the Company has already made the investment in additional resources during the fourth quarter of 2014. In another area of identified need, the Company has started the process to recruit the proper resources. Management is also in the process of reviewing the structure of the corporate accounting team and will develop a structure that: addresses deficiencies within the structure; strengthens controls; and includes further segregation of duties.

Changes in Internal Controls Over Financial Reporting

Other than the material weakness described above, there were no material changes in internal control over financial reporting (as defined in Exchange Act Rules 13a-15(f) and 15d-15(f)) that occurred during the fourth quarter ended December 31, 2014 that have materially affected, or are reasonably likely to materially affect, the Company's internal control over financial reporting.

ITEM 9B – OTHER INFORMATION

None.

PART III

ITEM 10 – DIRECTORS, EXECUTIVE OFFICERS AND CORPORATE GOVERNANCE

Directors

The information required by this item regarding the Company's directors is incorporated by reference to the Company's 2014 Proxy Statement under the captions "Election of Directors," "Directors Continuing in Office," "Committees and Meetings of the Board of Directors" and "Corporate Governance."

Executive Officers

The names, ages and positions of all executive officers of the Company are listed below, followed by a brief account of their business experience during the past five years. Officers are normally appointed annually by the Board of Directors at a meeting immediately following the Annual Meeting of Stockholders. There is no arrangement or understanding between any officer and any other person pursuant to which an officer was selected.

Maurice M. Taylor Jr., 70, has been Chief Executive Officer and a Director of the Company since 1990, when Titan was acquired in a management-led buyout by investors, including Mr. Taylor. Mr. Taylor served as President of the Company from 1990 to 2005 and was appointed Chairman in 2005.

Paul G. Reitz, 42, joined the Company in July 2010 as Chief Financial Officer. Mr. Reitz was appointed President in February 2014. Before joining Titan, Mr. Reitz was chief accounting officer at Carmike Cinemas, Inc.

Michael G. Troyanovich, 57, joined the Company in August 2011 as Assistant General Counsel. Mr. Troyanovich was appointed Secretary in December 2012, and General Counsel in June 2013. Prior to joining Titan, Mr. Troyanovich was President of Kistner Troyanovich and Brady, P.C. from September 2001 until August 2011.

John R. Hrudicka, 51, joined the Company in February 2014 as Chief Financial Officer. Prior to joining Titan, Mr. Hrudicka had been at Elkay Manufacturing since 2006, joining as Vice President of Finance and becoming Chief Financial Officer in 2010.

Section 16(a) beneficial ownership reporting compliance

The information required by this item regarding beneficial ownership reporting compliance is incorporated by reference to the Company's 2015 Proxy Statement under the caption "Section 16(a) Beneficial Ownership Reporting Compliance."

Business conduct policy

The Company adopted a business conduct policy, which is applicable to directors, officers and employees. The Company has also adopted corporate governance guidelines. The business conduct policy and corporate governance guidelines are available under the investor information category of the Company's website, www.titan-intl.com. The Company intends to satisfy disclosure requirements regarding amendments to or waivers from its business conduct policy by posting such information on its website. A printed copy of the business conduct policy and corporate governance guidelines are available, without charge, by writing to: Titan International, Inc., c/o Corporate Secretary, 2701 Spruce Street, Quincy, IL 62301.

ITEM 11 – EXECUTIVE COMPENSATION

The information required by this item is incorporated by reference to the Company's 2015 Proxy Statement under the caption "Compensation of Executive Officers."

ITEM 12– SECURITY OWNERSHIP OF CERTAIN BENEFICIAL OWNERS AND MANAGEMENT AND RELATED STOCKHOLDER MATTERS

Except for the information concerning equity compensation plans, the information required by this item is incorporated by reference to the Company’s 2015 Proxy Statement under the caption “Security Ownership of Certain Beneficial Owners and Management.”

The following table provides information about shares of Titan common stock that may be issued under Titan’s equity compensation plans, as of December 31, 2014:

	(i) Number of securities to be issued upon exercise of outstanding options, warrants and rights	(ii) Weighted-average exercise price of outstanding options, warrants and rights	(iii) Number of securities remaining available for future issuance under equity compensation plans (excluding securities reflected in column (i))
Equity compensation plans approved by security holders	1,178,073 (a)	18.09	1,707,134
Equity compensation plans not approved by security holders	—	n/a	—
Total	1,178,073	18.09	1,707,134

(a) Amount includes outstanding stock options under the Company’s 2005 Equity Incentive Plan.

For additional information regarding the Company’s stock compensation plans, please see Note 30 of the Company’s Notes to Consolidated Financial Statements.

ITEM 13 – CERTAIN RELATIONSHIPS AND RELATED TRANSACTIONS, AND DIRECTOR INDEPENDENCE

The information required by this item is incorporated by reference to the Company’s 2015 Proxy Statement under the caption “Related Party Transactions” and “Corporate Governance” and also appears in Note 34 of the Company’s Notes to Consolidated Financial Statements.

ITEM 14 – PRINCIPAL ACCOUNTANT FEES AND SERVICES

The information required by this item is incorporated by reference to the Company’s 2015 Proxy Statement under the caption “Audit and Other Fees.”

PART IV

ITEM 15 – EXHIBITS AND FINANCIAL STATEMENT SCHEDULES

(a) 1. [Financial Statements](#)

[Management’s Responsibility for Financial Statements](#) [F- 1](#)

[Reports of Independent Registered Public Accounting Firm](#) [F- 2](#)

[Consolidated Statements of Operations for the years ended December 31, 2014, 2013 and 2012](#) [F- 4](#)

[Consolidated Statements of Comprehensive Income \(Loss\) for the years ended December 31, 2014, 2013 and 2012](#) [F- 5](#)

[Consolidated Balance Sheets at December 31, 2014 and 2013](#) [F- 6](#)

[Consolidated Statements of Changes in Equity for the years ended December 31, 2012, 2013 and 2014](#) [F- 7](#)

[Consolidated Statements of Cash Flows for the years ended December 31, 2014, 2013 and 2012](#) [F- 8](#)

[Notes to Consolidated Financial Statements](#) [F- 9](#)

2 [Financial Statement Schedule](#)

[Schedule II – Valuation and Qualifying Accounts](#) [S- 1](#)

3 [Exhibits](#)

The accompanying Exhibit Index is incorporated herein by reference.

SIGNATURES

Pursuant to the requirements of Sections 13 or 15(d) of the Securities Exchange Act of 1934, the registrant has duly caused this Report to be signed on its behalf by the undersigned, thereunto duly authorized.

TITAN INTERNATIONAL, INC.
(Registrant)

Date: February 26, 2015

By: /s/ MAURICE M. TAYLOR JR.

Maurice M. Taylor Jr.

Chairman and Chief Executive Officer

Pursuant to the requirements of the Securities Exchange Act of 1934, this Report has been signed below by the following persons on behalf of the registrant and in the capacities indicated on February 26, 2015.

Signatures	Capacity
/s/ MAURICE M. TAYLOR JR. Maurice M. Taylor Jr.	Chairman and Chief Executive Officer (Principal Executive Officer)
/s/ JOHN HRUDICKA John Hrudicka	Chief Financial Officer (Principal Financial Officer and Principal Accounting Officer)
/s/ ERWIN H. BILLIG Erwin H. Billig	Director
/s/ RICHARD M. CASHIN JR. Richard M. Cashin Jr.	Director
/s/ GARY L. COWGER Gary L. Cowger	Director
/s/ ALBERT J. FEBBO Albert J. Febbo	Director
/s/ PETER MCNITT Peter McNitt	Director
/s/ ANTHONY L. SOAVE Anthony L. Soave	Director

TITAN INTERNATIONAL, INC.
Exhibit Index
Annual Report on Form 10-K

Exhibit No.	DESCRIPTION
3.1 (a)	Amended Restated Articles of Incorporation of the Company
3.2*	Bylaws of the Company
4.1 (b)	Indenture between the Company and U.S. Bank National Association dated December 21, 2009
4.2 (c)	Indenture between the Company and U.S. Bank National Association dated October 7, 2013
10.1 (d)	2005 Equity Incentive Plan as Amended
10.2 (e)	Maurice M. Taylor, Jr. Employment Agreement
10.3 (f)	Maurice M. Taylor, Jr. Employment Agreement Amendment
10.4 (g)	Paul G. Reitz Employment Agreement
10.5 (a)	Trademark License Agreement with The Goodyear Tire & Rubber Company **
10.6 (h)	Maurice M. Taylor, Jr. Employment Agreement Amendment
10.7 (i)	Second Amended and Restated Credit Agreement among the Company and Bank of America, N.A. dated as of December 21, 2012
10.8 (j)	John Hrudicka Employment Agreement
21*	Subsidiaries of the Registrant
31.1*	Certification of Principal Executive Officer pursuant to Section 302 of the Sarbanes-Oxley Act of 2002
31.2*	Certification of Principal Financial Officer pursuant to Section 302 of the Sarbanes-Oxley Act of 2002
32*	Certification pursuant to Section 906 of the Sarbanes-Oxley Act of 2002

* Filed herewith

** Confidential treatment has been requested with respect to certain portions of this exhibit. Omitted portions have been filed separately with the Securities and Exchange Commission.

- (a) Incorporated by reference to the same numbered exhibit contained in the Company's Form 10-Q for the quarterly period ended September 30, 2010 (No. 1-12936).
- (b) Incorporated by reference to the same numbered exhibit contained in the Company's Current Report on Form 8-K filed on December 21, 2009 (No. 1-12936).
- (c) Incorporated by reference to the same numbered exhibit contained in the Company's Current Report on Form 8-K filed October 7, 2013. (No. 1-12936).
- (d) Incorporated by reference to Appendix A of the Company's Definitive Proxy Statement filed on March 28, 2011.
- (e) Incorporated by reference to the same numbered exhibit contained in the Company's Form 10-Q for the quarterly period ended June 30, 2006 (No. 1-12936).
- (f) Incorporated by reference to the same numbered exhibit contained in the Company's Form 10-K for the year ended December 31, 2010 (No 1-12936).
- (g) Incorporated by reference to the same numbered exhibit contained in the Company's Current Report on Form 8-K filed on March 23, 2011 (No 1-12936).
- (h) Incorporated by reference to the same numbered exhibit contained in the Company's Current Report on Form 8-K filed on February 15, 2012 (No 1-12936).
- (i) Incorporated by reference to the same numbered exhibit contained in the Company's Form 10-Q for the quarterly period ended June 30, 2013 (No. 1-12936).
- (j) Incorporated by reference to the same numbered exhibit contained in the Company's Current Report on Form 8-K filed on January 28, 2014 (No. 1-12936).

Management's Responsibility for Financial Statements

Management is responsible for the preparation of the Company's consolidated financial statements included in this annual report on Form 10-K. Management believes that the consolidated financial statements fairly reflect the Company's financial transactions and the financial statements reasonably present the Company's financial position and results of operations in conformity with accounting principles generally accepted in the United States of America.

The Board of Directors of the Company has an Audit Committee comprised entirely of outside directors who are independent of management. The Committee meets periodically with management, the internal auditors and the independent registered public accounting firm to review accounting control, auditing and financial reporting matters. The Audit Committee is responsible for the appointment of the independent registered public accounting firm and approval of their fees.

The independent registered public accounting firm audits the Company's consolidated financial statements in accordance with the standards of the Public Company Accounting Oversight Board (United States). The consolidated financial statements as of December 31, 2014, have been audited by Grant Thornton LLP, an independent registered public accounting firm, as stated in their report, which is included herein.

Report of Independent Registered Public Accounting Firm

Board of Directors and
Shareholders of Titan International, Inc.

We have audited the accompanying consolidated balance sheets of Titan International, Inc. (an Illinois corporation) and its subsidiaries (together, the "Company") as of December 31, 2014 and 2013, and the related consolidated statements of operations, comprehensive income (loss), changes in equity, and cash flows for each of the three years in the period ended December 31, 2014. Our audits of the basic consolidated financial statements included the financial statement schedule listed in the index appearing under Item 15(a)(2). These financial statements and financial statement schedule are the responsibility of the Company's management. Our responsibility is to express an opinion on these financial statements and financial statement schedule based on our audits.

We conducted our audits in accordance with the standards of the Public Company Accounting Oversight Board (United States). Those standards require that we plan and perform the audit to obtain reasonable assurance about whether the financial statements are free of material misstatement. An audit includes examining, on a test basis, evidence supporting the amounts and disclosures in the financial statements. An audit also includes assessing the accounting principles used and significant estimates made by management, as well as evaluating the overall financial statement presentation. We believe that our audits provide a reasonable basis for our opinion.

In our opinion, the consolidated financial statements referred to above present fairly, in all material respects, the financial position of Titan International, Inc. and subsidiaries as of December 31, 2014 and 2013, and the results of their operations and their cash flows for each of the three years in the period ended December 31, 2014 in conformity with accounting principles generally accepted in the United States of America. Also in our opinion, the related financial statement schedule, when considered in relation to the basic consolidated financial statements taken as a whole, presents fairly, in all material respects, the information set forth therein.

We also have audited, in accordance with the standards of the Public Company Accounting Oversight Board (United States), the Company's internal control over financial reporting as of December 31, 2014, based on criteria established in the 1992 *Internal Control-Integrated Framework* issued by the Committee of Sponsoring Organizations of the Treadway Commission (COSO), and our report dated February 26, 2015 expressed an adverse opinion thereon.

/s/ Grant Thornton LLP
Chicago, Illinois
February 26, 2015

Report of Independent Registered Public Accounting Firm

Board of Directors and
Shareholders of Titan International, Inc.

We have audited the internal control over financial reporting of Titan International, Inc. (an Illinois corporation) and its subsidiaries (the "Company") as of December 31, 2014, based on criteria established in the 1992 *Internal Control-Integrated Framework* issued by the Committee of Sponsoring Organizations of the Treadway Commission (COSO). The Company's management is responsible for maintaining effective internal control over financial reporting and for its assessment of the effectiveness of internal control over financial reporting, included in the accompanying Management's Report on Internal Control Over Financial Reporting ("Management's Report"). Our responsibility is to express an opinion on the Company's internal control over financial reporting based on our audit.

We conducted our audit in accordance with the standards of the Public Company Accounting Oversight Board (United States). Those standards require that we plan and perform the audit to obtain reasonable assurance about whether effective internal control over financial reporting was maintained in all material respects. Our audit included obtaining an understanding of internal control over financial reporting, assessing the risk that a material weakness exists, testing and evaluating the design and operating effectiveness of internal control based on the assessed risk, and performing such other procedures as we considered necessary in the circumstances. We believe that our audit provides a reasonable basis for our opinion.

A company's internal control over financial reporting is a process designed to provide reasonable assurance regarding the reliability of financial reporting and the preparation of financial statements for external purposes in accordance with generally accepted accounting principles. A company's internal control over financial reporting includes those policies and procedures that (1) pertain to the maintenance of records that, in reasonable detail, accurately and fairly reflect the transactions and dispositions of the assets of the company; (2) provide reasonable assurance that transactions are recorded as necessary to permit preparation of financial statements in accordance with generally accepted accounting principles, and that receipts and expenditures of the company are being made only in accordance with authorizations of management and directors of the company; and (3) provide reasonable assurance regarding prevention or timely detection of unauthorized acquisition, use, or disposition of the company's assets that could have a material effect on the financial statements.

Because of its inherent limitations, internal control over financial reporting may not prevent or detect misstatements. Also, projections of any evaluation of effectiveness to future periods are subject to the risk that controls may become inadequate because of changes in conditions, or that the degree of compliance with the policies or procedures may deteriorate.

A material weakness is a deficiency, or combination of control deficiencies, in internal control over financial reporting, such that there is a reasonable possibility that a material misstatement of the company's annual or interim financial statements will not be prevented or detected on a timely basis. The following material weakness has been identified and included in management's assessment.

Titan has added numerous international locations which have added complexity to its financial reporting. In addition, in the current year, the Company has experienced an economic and market downturn which has added to the accounting complexity with issues such as goodwill and fixed asset impairment, valuation of inventory and other related issues. As Titan has grown in size and complexity, the accounting staff has not increased in a sufficient manner to ensure proper adherence with US GAAP.

Due to the added accounting complexities, insufficient resources, and the challenge of financial controller continuity at select international locations, Titan management determined that the internal control over financial reporting in place for complex transactions may not always operate at the appropriate level of precision required to prevent or detect material misstatements of the Company's annual financial statements on a timely basis.

In our opinion, because of the effect of the material weakness described above on the achievement of the objectives of the control criteria, the Company has not maintained effective internal control over financial reporting as of December 31, 2014, based on criteria established in the 1992 *Internal Control-Integrated Framework* issued by COSO.

We also have audited, in accordance with the standards of the Public Company Accounting Oversight Board (United States), the consolidated financial statements of the Company as of and for the year ended December 31, 2014. The material weakness identified above was considered in determining the nature, timing, and extent of audit tests applied in our audit of the 2014 consolidated financial statements, and this report does not affect our report dated February 26, 2015, which expressed an unqualified opinion on those financial statements.

/s/ Grant Thornton LLP
Chicago, Illinois
February 26, 2015

TITAN INTERNATIONAL, INC.
CONSOLIDATED STATEMENTS OF OPERATIONS
(All amounts in thousands, except per share data)

	Year ended December 31,		
	2014	2013	2012
Net sales	\$ 1,895,527	\$ 2,163,595	\$ 1,820,678
Cost of sales	1,714,952	1,868,405	1,526,539
Mining asset impairment and inventory writedown	39,932	—	—
Gross profit	140,643	295,190	294,139
Selling, general and administrative expenses	173,614	167,371	126,157
Research and development expenses	14,005	11,165	7,148
Royalty expense	14,078	14,259	12,260
Noncash goodwill impairment charge	36,571	—	—
Supply agreement termination income	—	—	(26,134)
Income (loss) from operations	(97,625)	102,395	174,708
Interest expense	(36,564)	(47,120)	(27,658)
Convertible debt conversion charge	—	(7,273)	—
Loss on senior note repurchase	—	(22,734)	—
Noncash Titan Europe gain	—	—	26,700
Gain on earthquake insurance recovery	—	22,451	—
Gain on acquisition	—	—	11,678
Other income (expense)	(18,055)	7,015	6,823
Income (loss) before income taxes	(152,244)	54,734	192,251
Provision (benefit) for income taxes	(21,819)	25,047	86,613
Net income (loss)	(130,425)	29,687	105,638
Net loss attributable to noncontrolling interests	(49,964)	(5,518)	(1,593)
Net income (loss) attributable to Titan	\$ (80,461)	\$ 35,205	\$ 107,231
Earnings (loss) per common share:			
Basic	\$ (1.50)	\$.66	\$ 2.47
Diluted	\$ (1.50)	\$.64	\$ 2.05
Average common shares and equivalents outstanding:			
Basic	53,497	53,039	43,380
Diluted	53,497	59,522	54,662
Dividends declared per common share:	\$.02	\$.02	\$.02

See accompanying Notes to Consolidated Financial Statements.

TITAN INTERNATIONAL, INC.
CONSOLIDATED STATEMENTS OF COMPREHENSIVE INCOME (LOSS)
(All amounts in thousands)

	Year ended December 31,		
	2014	2013	2012
Net income (loss)	\$ (130,425)	29,687	\$ 105,638
Unrealized gain (loss) on investments, net of tax of \$0, \$0, and \$(1,018), respectively	—	(3)	1,733
Noncash Titan Europe gain, net of tax of \$0, \$0, and \$9,492, respectively	—	—	(17,208)
Currency translation adjustment, net	(63,424)	(24,287)	(7,191)
Pension liability adjustments, net of tax of \$3,035, \$(8,700), and \$207, respectively	(5,129)	14,749	(642)
Comprehensive income (loss)	(198,978)	20,146	82,330
Net comprehensive loss attributable to noncontrolling interests	(68,856)	(9,734)	(2,007)
Comprehensive income (loss) attributable to Titan	<u>\$ (130,122)</u>	<u>\$ 29,880</u>	<u>\$ 84,337</u>

See accompanying Notes to Consolidated Financial Statements.

TITAN INTERNATIONAL, INC.
CONSOLIDATED BALANCE SHEETS
(All amounts in thousands, except share data)

	December 31,	
Assets	2014	2013
Current assets		
Cash and cash equivalents	\$ 201,451	\$ 189,360
Restricted cash	—	14,268
Accounts receivable (net of allowance of \$5,706 and \$5,287, respectively)	199,378	263,053
Inventories	331,432	384,920
Deferred income taxes	23,435	41,931
Prepaid and other current assets	80,234	114,346
Total current assets	835,930	1,007,878
Property, plant and equipment, net	527,414	638,807
Goodwill	—	42,075
Deferred income taxes	15,623	2,772
Other assets	116,757	129,699
Total assets	\$ 1,495,724	\$ 1,821,231
Liabilities and Equity		
Current liabilities		
Short-term debt	\$ 26,233	\$ 75,061
Accounts payable	146,305	176,719
Other current liabilities	129,018	134,791
Total current liabilities	301,556	386,571
Long-term debt	496,503	497,694
Deferred income taxes	18,582	60,985
Other long-term liabilities	89,025	77,945
Total liabilities	905,666	1,023,195
Commitments and contingencies: Notes 14, 31 and 32		
Equity		
Titan stockholders' equity		
Common stock (no par, 120,000,000 shares authorized, 55,253,092 issued)	—	—
Additional paid-in capital	562,367	558,637
Retained earnings	126,007	207,541
Treasury stock (at cost, 1,504,064 and 1,692,220 shares, respectively)	(13,897)	(15,586)
Treasury stock reserved for deferred compensation	(1,075)	(1,075)
Accumulated other comprehensive loss	(112,630)	(61,794)
Total Titan stockholders' equity	560,772	687,723
Noncontrolling interests	29,286	110,313
Total equity	590,058	798,036
Total liabilities and equity	\$ 1,495,724	\$ 1,821,231

See accompanying Notes to Consolidated Financial Statements.

TITAN INTERNATIONAL, INC.
CONSOLIDATED STATEMENTS OF CHANGES IN EQUITY
(All amounts in thousands, except share data)

	Number of common shares	Additional paid-in capital	Retained earnings	Treasury stock	Treasury stock reserved for contractual obligations	Accumulated other comprehensive income (loss)	Total Titan Equity	Non- controlling interest	Total Equity
Balance January 1, 2012	42,205,681	380,332	67,053	(17,338)	(1,233)	(33,575)	395,239	1,640	396,879
Net income			107,231				107,231	(1,593)	105,638
CTA, net of tax						(6,777)	(6,777)	(414)	(7,191)
Pension liability adjustments, net of tax						(642)	(642)		(642)
Noncash Titan Europe gain, net of tax						(17,208)	(17,208)		(17,208)
Unrealized gain on investment, net of tax						1,733	1,733		1,733
Dividends on common stock			(877)				(877)		(877)
Exercise of stock options	71,910	288		646			934		934
Acquisitions	6,257,051	121,813					121,813	26,341	148,154
Consolidated joint venture							—	(229)	(229)
Stock-based compensation		4,087					4,087		4,087
Tax benefit related to stock- based compensation		184					184		184
Deferred compensation transactions		154			158		312		312
Issuance of treasury stock under 401(k) plan	27,562	341		247			588		588
Balance December 31, 2012	48,562,204	507,199	173,407	(16,445)	(1,075)	(56,469)	606,617	25,745	632,362
Net income			35,205				35,205	(5,518)	29,687
CTA, net of tax						(20,071)	(20,071)	(4,216)	(24,287)
Pension liability adjustments, net of tax						14,749	14,749		14,749
Unrealized loss on investment, net of tax						(3)	(3)		(3)
Dividends on common stock			(1,071)				(1,071)		(1,071)
Note conversion	4,903,044	45,903					45,903		45,903
Exercise of stock options	60,417	459		542			1,001		1,001
Acquisitions							—	14,710	14,710
Capital contribution from noncontrolling interest							—	79,592	79,592
Stock-based compensation		4,815					4,815		4,815
Tax benefit related to stock- based compensation		(68)					(68)		(68)
Issuance of treasury stock under 401(k) plan	35,207	329		317			646		646
Balance December 31, 2013	53,560,872	558,637	207,541	(15,586)	(1,075)	(61,794)	687,723	110,313	798,036
Net loss			(80,461)				(80,461)	(49,964)	(130,425)
CTA, net of tax						(44,554)	(44,554)	(18,870)	(63,424)
Pension liability adjustments, net of tax						(5,129)	(5,129)		(5,129)
Dividends on common stock			(1,073)				(1,073)		(1,073)
Restricted stock awards	139,250	(1,250)		1,250			—		—
Exercise of stock options	8,971	60		81			141		141
Acquisition of additional interest		(49)				(1,153)	(1,202)	(12,193)	(13,395)
Stock-based compensation		5,360					5,360		5,360
Tax benefit related to stock- based compensation		(672)					(672)		(672)
Issuance of treasury stock under 401(k) plan	39,935	281		358			639		639
Balance December 31, 2014	53,749,028	\$ 562,367	\$ 126,007	\$ (13,897)	\$ (1,075)	\$ (112,630)	\$ 560,772	\$ 29,286	\$ 590,058

See accompanying Notes to Consolidated Financial Statements.

TITAN INTERNATIONAL, INC.
CONSOLIDATED STATEMENTS OF CASH FLOWS
(All amounts in thousands)

	Year ended December 31,		
	2014	2013	2012
Cash flows from operating activities:			
Net income (loss)	\$ (130,425)	\$ 29,687	\$ 105,638
Adjustments to reconcile net income to net cash provided by operating activities:			
Depreciation and amortization	88,704	80,622	54,095
Amortization of debt premium	—	(2,369)	—
Mining asset impairment	23,242	—	23,242,000
Mining inventory writedown	16,690	—	11,555,000
Deferred income tax provision	(24,800)	(4,004)	17,170
Convertible debt conversion charge	—	7,273	—
Loss on note repurchase	—	22,734	—
Gain on earthquake insurance recovery	—	(22,451)	—
Noncash Titan Europe gain	—	—	(26,700)
Supply agreement termination income	—	—	(26,134)
Noncash goodwill impairment charge	36,571	—	—
Stock-based compensation	5,360	4,815	4,087
Excess tax benefit from stock-based compensation	672	68	(184)
Insurance proceeds	—	35,808	—
Issuance of treasury stock under 401(k) plan	639	646	588
Gain on acquisition	—	—	(11,678)
(Increase) decrease in assets:			
Accounts receivable	54,686	26,417	35,839
Inventories	20,933	(30,280)	23,917
Prepaid and other current assets	30,324	(39,825)	(25,229)
Other assets	(1,145)	1,960	6,987
Increase (decrease) in liabilities:			
Accounts payable	(23,777)	9,479	(44,542)
Other current liabilities	(2,089)	(556)	7,839
Other liabilities	18,487	(3,375)	8,475
Net cash provided by operating activities	114,072	116,649	130,168
Cash flows from investing activities:			
Capital expenditures	(58,439)	(80,131)	(65,740)
Acquisitions, net of cash acquired	(13,395)	(95,681)	780
Additional equity investment in Wheels India	—	(8,017)	—
(Increase) decrease in restricted cash deposits	14,268	(14,473)	—
Insurance proceeds	—	2,879	—
Other	5,044	2,344	1,066
Net cash used for investing activities	(52,522)	(193,079)	(63,894)
Cash flows from financing activities:			
Proceeds from borrowings	15,708	788,704	17,171
Repurchase of senior notes	—	(558,360)	—
Payment on debt	(60,345)	(200,721)	(20,811)
Convertible note conversion	—	(14,090)	—
Capital contribution from noncontrolling interest	—	79,592	—
Proceeds from exercise of stock options	141	1,001	934
Excess tax benefit from stock-based compensation	(672)	(68)	184
Payment of financing fees	(33)	(12,332)	(1,275)
Dividends paid	(1,073)	(1,046)	(845)
Net cash provided by (used for) financing activities	(46,274)	82,680	(4,642)
Effect of exchange rate changes on cash	(3,185)	(6,004)	(1,688)
Net increase in cash and cash equivalents	12,091	246	59,944
Cash and cash equivalents, beginning of year	189,360	189,114	129,170
Cash and cash equivalents, end of year	\$ 201,451	\$ 189,360	\$ 189,114

Supplemental information:

Source: TITAN INTERNATIONAL INC., 10-K, February 26, 2015

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Interest paid	\$	34,014	\$	41,875	\$	27,192
Income taxes paid, net of refunds received	\$	(25,588)	\$	59,360	\$	86,587
Noncash investing and financing information:						
Issuance of common stock for Titan Europe acquisition	\$	—	\$	—	\$	121,813
Issuance of common stock for convertible debt payment	\$	—	\$	45,903	\$	—

See accompanying Notes to Consolidated Financial Statements.

TITAN INTERNATIONAL, INC.
NOTES TO CONSOLIDATED FINANCIAL STATEMENTS

1. DESCRIPTION OF BUSINESS AND SIGNIFICANT ACCOUNTING POLICIES

Business

Titan International, Inc. and its subsidiaries (Titan or the Company) are leading manufacturers of wheels, tires and undercarriage systems and components for off-highway vehicles used in the agricultural, earthmoving/construction and consumer segments. Titan manufactures both wheels and tires for the majority of these market applications, allowing the Company to provide the value-added service of delivering complete wheel and tire assemblies. The Company offers a broad range of products that are manufactured in relatively short production runs to meet the specifications of original equipment manufacturers (OEMs) and/or the requirements of aftermarket customers.

Principles of consolidation

The consolidated financial statements include the accounts of all majority-owned subsidiaries and variable interest entities in which Titan is the primary beneficiary. Investments in companies in which Titan does not own a majority interest and Titan has the ability to exercise significant influence over operating and financial policies are accounted for using the equity method. Investments in other companies are carried at cost. All significant intercompany accounts and transactions have been eliminated. The Company consolidates the Voltyre-Prom subsidiary for which it acts as operating partner.

Accounts Receivable and Allowance for Doubtful Accounts

The Company carries its accounts receivable at their face amounts less an allowance for doubtful accounts. An allowance for uncollectible receivables is recorded based upon known bad debt risks and past loss history. Actual collection experience may differ from the current estimate of net receivables.

Inventories

Inventories are valued at the lower of cost or market. At December 31, 2014, approximately 11% of the Company's inventories were valued under the last-in, first out (LIFO) method. The majority of steel material inventory in North America is accounted for under the LIFO method. The remaining inventories were valued under the first-in, first-out (FIFO) method or average cost method. Market value is estimated based on current selling prices. Estimated provisions are established for slow-moving and obsolete inventory.

Deferred financing costs

Deferred financing costs are costs incurred in connection with the Company's revolving credit facility, 6.875% senior secured notes due 2020 (senior secured notes due 2020) and 5.625% convertible senior subordinated notes due 2017 (convertible notes). The deferred financing costs associated with each of the debt facilities are being amortized over the life of the debt. Amortization of deferred financing costs for the debt facilities approximates the effective interest rate method.

Fixed assets

Property, plant and equipment have been recorded at cost. Depreciation is provided using the straight-line method over the following estimated useful lives of the related assets:

	Years
Building and improvements	25 - 40
Machinery and equipment	7 - 20
Tools, dies and molds	2 - 9

Maintenance and repairs are expensed as incurred. When property, plant and equipment are retired or otherwise disposed of, the related cost and accumulated depreciation are eliminated, and any gain or loss on disposition is included in the accompanying consolidated statements of operations.

Interest is capitalized on fixed asset projects which are constructed over a period of time. The amount of interest capitalized is determined by applying a weighted average interest rate to the average amount of accumulated expenditures for the asset during the period. The interest rate used is based on the rates applicable to borrowings outstanding during the period.

TITAN INTERNATIONAL, INC.
NOTES TO CONSOLIDATED FINANCIAL STATEMENTS

Fair value of financial instruments

The Company records all financial instruments, including cash and cash equivalents, accounts receivable, notes receivable, accounts payable, other accruals and notes payable at cost, which approximates fair value due to their short term or stated rates. Investments in marketable equity securities are recorded at fair value. The senior secured notes due 2020 and convertible notes are carried at cost of \$400.0 million and \$60.2 million at December 31, 2014, respectively. The fair value of the senior secured notes due 2020 at December 31, 2014, as obtained through an independent pricing source, was approximately \$352.0 million.

Impairment of fixed assets

The Company reviews fixed assets to assess recoverability from future operations whenever events and circumstances indicate that the carrying values may not be recoverable. Impairment losses are recognized in operating results when expected undiscounted future cash flows are less than the carrying value of the asset. Impairment losses are measured as the excess of the carrying value of the asset over the discounted expected future cash flows or the estimated fair value of the asset.

Equity method investments

The Company had an equity method investment of \$43.5 million in Wheels India Limited as of December 31, 2014, representing a 34.2% ownership. This equity method investment is included in Other Assets in the consolidated balance sheets. The value of this investment based on the December 31, 2014 market price was \$59.1 million. The Company assesses the carrying value of its equity method investments whenever events and circumstances indicate that the carrying values may not be recoverable. Investment write-downs, if necessary, are recognized in operating results when expected undiscounted future cash flows are less than the carrying value of the asset. These write-downs, if any, are measured as the excess of the carrying value of the asset over the discounted expected future cash flows or the estimated fair value of the asset.

Foreign currency translation

The financial statements of the Company's foreign subsidiaries are translated to United States currency in accordance with ASC 830 Foreign Currency Matters. Assets and liabilities are translated to United States dollars at period-end exchange rates. Income and expense items are translated at average rates of exchange prevailing during the period. Translation adjustments are included in "Accumulated other comprehensive loss" in stockholders' equity. Gains and losses that result from foreign currency transactions are included in the accompanying consolidated statements of operations.

Impairment of goodwill

The Company reviews goodwill to assess recoverability from future operations during the fourth quarter of each annual reporting period, and whenever events and circumstances indicate that the carrying values may not be recoverable. In the fourth quarter of 2014, the Company recorded a noncash charge for the impairment of goodwill of \$36.6 million on both a pre-tax and after-tax basis. The charge included \$11.4 million of earthmoving/construction goodwill related to the acquisition of Titan Australia; \$9.6 million of agricultural goodwill related to the acquisition of the Latin America farm tire business; and \$15.6 million of goodwill related to the acquisition of Voltyre-Prom. The Voltyre-Prom goodwill included \$11.0 million in the agricultural segment, \$2.6 million in the earthmoving/construction segment, and \$2.0 million in the consumer segment. The Company had no remaining goodwill after the impairment. See Note 10 for additional information.

Revenue recognition

The Company records sales revenue when products are shipped to customers and both title and the risks and rewards of ownership are transferred. Provisions are established for sales returns and uncollectible accounts based on historical experience. Should trends change, adjustments would be necessary to the estimated provisions.

Cost of sales

Cost of sales is comprised primarily of direct materials and supplies consumed in the manufacturing of the Company's products, as well as manufacturing labor, depreciation expense and overhead expense necessary to acquire and convert the purchased materials and supplies into a finished product. Cost of sales also includes all purchasing, receiving, inspection, internal transfers, and related distribution costs.

Selling, general and administrative expense

Selling, general and administrative (SG&A) expense is comprised primarily of sales commissions, marketing expense, selling and administrative wages, information system costs, legal fees, bank charges, professional fees, depreciation and amortization expense on non-manufacturing assets, and other administrative items.

TITAN INTERNATIONAL, INC.
NOTES TO CONSOLIDATED FINANCIAL STATEMENTS

Research and development expense

Research and development (R&D) expenses are expensed as incurred. R&D costs were \$14.0 million, \$11.2 million and \$7.1 million for the years of 2014, 2013 and 2012, respectively. Increased R&D is primarily attributable to the investment in LSW as a cornerstone of the Company's strategy.

Advertising

Advertising expenses are included in SG&A expense and are expensed as incurred. Advertising costs were approximately \$5 million for the year ended December 31, 2014, and approximately \$2 million for each of the years ended December 31, 2013 and 2012.

Warranty costs

The Company provides limited warranties on workmanship on its products in all market segments. The provision for estimated warranty costs is made in the period when such costs become probable and is based on past warranty experience. See Note 12 for additional information.

Income taxes

Deferred income tax provisions are determined using the liability method whereby deferred tax assets and liabilities are recognized based upon temporary differences between the financial statement and income tax basis of assets and liabilities. The Company assesses the realizability of its deferred tax asset positions to determine if a valuation allowance is necessary. In assessing the realizability of deferred tax assets, the Company considers whether it is more likely than not that some portion or all of the deferred tax assets will not be realized. The ultimate realization of deferred tax assets is dependent upon the generation of future taxable income during the periods in which those temporary differences become deductible. The Company considers the scheduled reversal of deferred tax liabilities, projected future taxable income, and tax planning strategies in making this assessment.

Earnings per share

Basic earnings per share (EPS) is computed by dividing consolidated net earnings by the weighted average number of common shares outstanding. Diluted EPS is computed by dividing adjusted consolidated net earnings by the sum of the weighted average number of common shares outstanding and the weighted average number of potential common shares outstanding. Potential common shares consist of outstanding options under the Company's stock compensation plans and the conversion of the Company's convertible notes.

Cash and cash equivalents

The Company considers short-term debt securities with an original maturity of three months or less to be cash equivalents. The cash in the Company's U.S. banks is not fully insured by the Federal Deposit Insurance Corporation. The Company had \$71.4 million and \$121.7 million of cash in foreign bank accounts at December 31, 2014 and 2013, respectively. The Company's cash in its foreign bank accounts is not insured.

Environmental liabilities

Environmental expenditures that relate to current operations are expensed or capitalized as appropriate. Expenditures that relate to an existing condition caused by past operations and that do not contribute to current or future revenue are expensed. Liabilities are recorded when environmental assessments and/or remedial efforts are probable and can be reasonably estimated.

Stock-based compensation

At December 31, 2014, the Company has one stock-based compensation plan, which is described in Note 30. Compensation expense for stock-based compensation is recognized over the requisite service period at the estimated fair value of the award at the grant date. The Company granted 59,000; 60,000; and 45,000 stock options in 2014, 2013 and 2012, respectively. The Company granted 10,000; 225,750; and 293,000 restricted stock awards in 2014, 2013 and 2012, respectively.

Reclassification

Certain amounts from prior years have been reclassified to conform to the current year's presentation.

TITAN INTERNATIONAL, INC.
NOTES TO CONSOLIDATED FINANCIAL STATEMENTS

Use of estimates

The policies utilized by the Company in the preparation of the financial statements conform to accounting principles generally accepted in the United States of America and require management to make estimates, assumptions and judgments that affect the reported amount of assets and liabilities, and disclosure of contingent assets and liabilities, at the date of the financial statements and the reported amounts of revenues and expenses during the reporting period. Actual amounts could differ from these estimates and assumptions.

2. MINING ASSET IMPAIRMENT AND INVENTORY WRITEDOWN

In 2014, the Company recorded an asset impairment and inventory writedowns of \$23.2 million and \$16.7 million, respectively. The impairment was recorded on machinery, equipment and molds used to produce giant mining tires. Mining products are included in the Company's earthmoving/construction segment. In the second quarter of 2014, several large mining equipment manufacturers significantly decreased their sales forecast for mining equipment. The Company's sales of mining product were deteriorating at an accelerated pace. Therefore, the company tested mining related assets for impairment in the second quarter of 2014. The fair value of the mining equipment was determined using a cost and market approach. The inventory writedowns were to adjust the value of mining product inventory to estimated market value.

3. ACQUISITIONS

Acquisition of Voltyre-Prom

On October 4, 2013, Titan, in partnership with One Equity Partners (OEP) and the Russian Direct Investment Fund (RDIF), closed the acquisition of an 85% interest in Voltyre-Prom, a leading producer of agricultural and industrial tires in Volgograd, Russia, for approximately \$94.1 million, which includes the assumption of debt. Titan is acting as operating partner with responsibility for Voltyre-Prom's daily operations on behalf of the consortium of which Titan holds a 30% interest. This acquisition expanded Titan's footprint into the Commonwealth of Independent States (CIS) region. The fair value of the consideration transferred and noncontrolling interests exceeded the fair value of the identified assets acquired less liabilities assumed. Therefore, goodwill of \$21.0 million was recorded on the transaction at the time of acquisition, which was not deductible for tax purposes. In the fourth quarter of 2014, the Company recorded a noncash goodwill impairment charge of \$15.6 million for Voltyre-Prom which removed all goodwill related to this acquisition. The difference from the amount originally recorded was due to foreign currency translation. See Note 10 for additional information. An initial noncontrolling interest of \$14.5 million, representing the 15% not owned by the partnership, was recorded at the acquisition date. In the first half of 2014, the partnership of Titan, OEP, and RDIF purchased an additional 15% to bring the total Voltyre-Prom ownership to 100% for the partnership.

The purchase price allocation of the Voltyre-Prom acquisition consisted of the following (in thousands):

	Acquisition Date	Additional Purchases	Total
Cash	\$ 80	\$ —	\$ 80
Accounts receivable	5,596	—	5,596
Inventories	3,807	—	3,807
Deferred income taxes - current asset	253	—	253
Prepaid & other current assets	1,881	—	1,881
Goodwill	21,002	—	21,002
Property, plant & equipment	79,255	—	79,255
Other assets	17,615	—	17,615
Accounts payable	(715)	—	(715)
Other current liabilities	(4,152)	—	(4,152)
Deferred income taxes - noncurrent liability	(15,989)	—	(15,989)
Noncontrolling interests	(14,542)	13,395	(1,147)
Net assets acquired	<u>\$ 94,091</u>	<u>\$ 13,395</u>	<u>\$ 107,486</u>

Acquisition of Titan Europe Plc.

On October 31, 2012, Titan acquired over 97% of the outstanding stock of Titan Europe Plc (Titan Europe) and in December 2012, the remaining 3% interest was acquired. Titan Europe is an international engineering group which designs and manufactures wheels, undercarriage components and assemblies for tracked and wheeled "off-road vehicles". The Titan Europe acquisition allowed the Company to expand its global presence and expand its product line. Prior to the acquisition, Titan held a 21.8% ownership percentage in Titan Europe. Titan Europe shareholders received one share of new Titan common stock for every 11 Titan Europe shares held. A total of 6,257,051 new shares of Titan were issued with a value of \$121.8 million. In addition, Titan paid cash of \$5.6 million for option payouts and partial shares. Titan's previous investment in Titan Europe had a fair value on the acquisition date of \$31.7 million based on Titan Europe's stock price on the AIM market in London. Total consideration including the value of stock issued, cash payments, and the fair value of previously held Titan Europe shares totaled \$159.1 million. A gain of \$26.7 million was recorded on Titan's previously held interest in Titan Europe which was recorded as Noncash Titan Europe Plc gain in the consolidated statement of operations. This gain was previously recorded in other comprehensive income (loss).

The purchase price was allocated to the assets acquired and liabilities assumed based on their fair values. Inventory was valued using the comparative sales method. Real and personal property were valued at fair value.

The purchase price allocation of the Titan Europe acquisition consisted of the following (in thousands):

Cash	\$	39,122
Accounts receivable		128,585
Inventories		178,407
Deferred income taxes - current asset		22,068
Prepaid & other current assets		21,745
Earthquake insurance receivable		17,024
Property, plant & equipment		217,309
Investment in Wheels India Limited		36,804
Other assets		8,414
Short term debt		(96,822)
Accounts payable		(142,752)
Other current liabilities		(56,391)
Long term debt		(158,183)
Deferred income taxes - noncurrent liability		(12,636)
Other noncurrent liabilities		(31,874)
Net assets acquired	\$	<u>170,820</u>

The purchase price allocation has changed from that reported in the Form 10-K for the year ended December 31, 2012, and the 10-Q for the quarter ended March 31, 2013. Titan Europe's wheel manufacturing facility in Finale Emilia, Italy experienced damage from an earthquake in May 2012, prior to Titan's acquisition of Titan Europe. The plant was closed for production during initial remedial work. This resulted in a limited transfer of production to other facilities within Titan Europe as well as sourcing product from facilities in the U.S. owned by Titan and competitors. In the second quarter of 2013, Titan received a final insurance settlement payment of \$38.7 million. As a result of this information, Titan has recorded an earthquake insurance receivable of \$17.0 million, decreased the current deferred income taxes by \$5.3 million, and recorded a bargain purchase gain of \$11.7 million for the year ended December 31, 2012.

Pro forma financial information

The following unaudited pro forma financial information gives effect to the acquisition of Titan Europe Plc as if the acquisition had taken place on January 1, 2012. The pro forma financial information for Titan Europe Plc was derived from the historical accounting records of Titan Europe. The Titan Europe results were adjusted for US GAAP differences and to reflect additional depreciation.

TITAN INTERNATIONAL, INC.
NOTES TO CONSOLIDATED FINANCIAL STATEMENTS

Unaudited pro forma financial information is as follows (in thousands, except per share data):

	2012
Net sales	\$ 2,423,724
Net income	86,906
Net income attributable to Titan	88,499
Basic earnings per share	\$ 1.78
Diluted earnings per share	1.53

The pro forma information is presented for illustrative purposes only and may not be indicative of the results that would have been obtained had the acquisition actually occurred on January 1, 2012, nor is it necessarily indicative of Titan's future consolidated results of operations or financial position. No pro forma information is presented for 2014 and 2013 as the acquisition was included in the consolidated results for the full years.

4. RESTRICTED CASH

Restricted cash at December 31, 2014 and 2013, consisted of the following (amounts in thousands):

	2014	2013
Restricted cash	\$ —	\$ 14,268

At December 31, 2013, the Company had restricted cash of \$14.3 million. This restricted cash was on deposit for the purchase of the remaining 15% of Voltyre-Prom. In the first half of 2014, the partnership of Titan, OEP, and RDIF purchased an additional 15% to bring the total Voltyre-Prom ownership to 100%. See note 3 for additional information.

5. ACCOUNTS RECEIVABLE

Accounts receivable at December 31, 2014 and 2013, consisted of the following (amounts in thousands):

	2014	2013
Accounts receivable	\$ 205,084	\$ 268,340
Allowance for doubtful accounts	(5,706)	(5,287)
Accounts receivable, net	\$ 199,378	\$ 263,053

6. INVENTORIES

Inventories at December 31, 2014 and 2013, consisted of the following (amounts in thousands):

	2014	2013
Raw material	\$ 119,989	\$ 130,403
Work-in-process	41,073	54,190
Finished goods	179,998	208,821
	341,060	393,414
Adjustment to LIFO basis	(9,628)	(8,494)
	\$ 331,432	\$ 384,920

If the Company were to liquidate the December 31, 2014 balance of LIFO basis inventory, it would pay tax of \$3.7 million. If the Company would have liquidated the December 31, 2013 balance of LIFO basis inventory, it would have paid tax of \$3.1 million. See note 2 for additional information on the mining inventory writedowns of \$16.7 million recorded in 2014.

TITAN INTERNATIONAL, INC.
NOTES TO CONSOLIDATED FINANCIAL STATEMENTS

7. PREPAID AND OTHER CURRENT ASSETS

Prepaid and other current assets at December 31, 2014 and 2013, consisted of the following (amounts in thousands):

	2014	2013
Prepaid supplies	\$ 28,477	\$ 30,212
Prepaid income taxes	19,474	48,527
Value added tax	6,294	9,761
Prepaid royalty	5,940	5,642
Duty receivable	3,717	4,777
Prepaid insurance	2,580	3,281
Prepaid deposits	1,700	3,748
Derivative financial instruments	1,068	—
Other	10,984	8,398
	<u>\$ 80,234</u>	<u>\$ 114,346</u>

8. PROPERTY, PLANT AND EQUIPMENT

Property, plant and equipment at December 31, 2014 and 2013, consisted of the following (amounts in thousands):

	2014	2013
Land and improvements	\$ 60,012	\$ 67,243
Buildings and improvements	214,472	242,261
Machinery and equipment	585,318	617,709
Tools, dies and molds	103,353	112,997
Construction-in-process	48,170	42,539
	<u>1,011,325</u>	<u>1,082,749</u>
Less accumulated depreciation	<u>(483,911)</u>	<u>(443,942)</u>
	<u>\$ 527,414</u>	<u>\$ 638,807</u>

Depreciation, including depreciation on capital leases, related to property, plant and equipment for the years 2014, 2013 and 2012 totaled \$82.7 million, \$75.7 million, and \$51.1 million, respectively.

Included in the total of building and improvements are capital leases of \$4.1 million and \$4.6 million at December 31, 2014, and December 31, 2013, respectively. Included in the total of machinery and equipment are capital leases of \$37.7 million and \$40.6 million at December 31, 2014, and December 31, 2013, respectively. See note 2 for additional information on the mining asset impairment of \$23.2 million recorded in the second quarter of 2014.

TITAN INTERNATIONAL, INC.
NOTES TO CONSOLIDATED FINANCIAL STATEMENTS

9. OTHER ASSETS

Other assets at December 31, 2014 and 2013, consisted of the following (amounts in thousands):

	2014	2013
Investment in Wheels India Limited	\$ 43,540	\$ 44,541
Amortizable intangibles	23,689	35,036
Prepaid royalty	14,966	21,514
Investments for contractual obligations	9,840	8,723
Deferred financing costs	7,082	8,650
Note receivable	5,000	—
Other	12,640	11,235
	<u>\$ 116,757</u>	<u>\$ 129,699</u>

The investments for contractual obligations are being treated as trading securities.

10. GOODWILL AND INTANGIBLE ASSETS

The changes in the carrying amount of goodwill for the two years ended December 31, 2014, were as follows (amounts in thousands):

	Agricultural Segment	Earthmoving/ Construction Segment	Consumer Segment	Total
Balance at January 1, 2013	\$ 11,522	\$ 13,419	\$ —	\$ 24,941
Acquisitions	14,828	3,486	2,688	21,002
Foreign currency translation	(1,810)	(2,007)	(51)	(3,868)
Balance at December 31, 2013	24,540	14,898	2,637	42,075
Noncash goodwill impairment charge	(20,599)	(13,971)	(2,001)	(36,571)
Foreign currency translation	(3,941)	(927)	(636)	(5,504)
Balance at December 31, 2014	<u>\$ —</u>	<u>\$ —</u>	<u>\$ —</u>	<u>\$ —</u>

The Company reviews goodwill to assess recoverability from future operations during the fourth quarter of each annual reporting period, and whenever events and circumstances indicate that the carrying values may not be recoverable. At the time of the review, the Company determines if it will first assess qualitative factors to determine whether it is more likely than not that the fair value of a reporting unit is less than its carrying amount as a basis for determining whether it is necessary to perform the two-step goodwill impairment test described in ASC 350.

When the two-step goodwill impairment test is performed, the Company evaluates the recoverability of goodwill by estimating the future reporting unit discounted cash flows. In determining the estimated future cash flows, the Company considers current and projected future levels of income as well as business trends and economic conditions. When the Company's estimated fair value of the reporting unit is less than the carrying value, a second step of the impairment analysis is performed. In this second step, the implied fair value of goodwill is calculated as the excess of the fair value of a reporting unit over the fair values assigned to its assets and liabilities. If the implied fair value of goodwill is less than the carrying value of the reporting unit's goodwill, the difference is recognized as an impairment loss.

In the fourth quarter of 2014, the recoverability of all goodwill was evaluated by estimating future discounted cash flows. The Company recorded a noncash charge for the impairment of goodwill in the amount of \$36.6 million on both a pre-tax and after-tax basis. The charge included \$11.4 million of earthmoving/construction goodwill related to the acquisition of Titan Australia; \$9.6 million of agricultural goodwill related to the acquisition of the Latin America farm tire business; and \$15.6 million of goodwill related to the acquisition of Voltyre-Prom. The Voltyre-Prom goodwill included \$11.0 million in the agricultural segment, \$2.6 million in the earthmoving/construction segment, and \$2.0 million in the consumer segment.

TITAN INTERNATIONAL, INC.
NOTES TO CONSOLIDATED FINANCIAL STATEMENTS

The key factor leading to the impairment of the Australia goodwill was the continued downturn in the mining industry. During 2014, the price of iron ore declined over 40%. The extended downturn led to changes in assumptions regarding future cash flows which culminated in the goodwill impairment. The key factors leading to the impairment of the Voltyre-Prom goodwill were the changes in the political and economic factors which occurred in Russia during 2014. The changes including devaluation of the Russian ruble and increases in interest rates accelerated in the fourth quarter of 2014 which led to changes in assumptions regarding future cash flows which resulted in goodwill impairment. The key factors leading to the impairment of the Latin American goodwill were a softening of the agricultural tire market and the Brazilian economy as a whole. The slowdown which began in the third quarter accelerated in the fourth quarter. As a result of the slowdown there was competitive pricing pressure impacting both sales and profits. These changes led to changes in assumptions regarding future cash flows which resulted in goodwill impairment.

As a result of the Australian and Voltyre-Prom goodwill impairment and the contributing factors, the Company tested the Australian and Voltyre-Prom intangibles for impairment during the fourth quarter of 2014. The Australian intangibles totaled \$12.8 million at December 31, 2014 and consist primarily of customer relationships. The Voltyre-Prom intangibles totaled \$8.0 million at December 31, 2014 and consist of trademarks. No impairment was indicated.

The components of intangible assets for the two years ended December 31, 2014, were as follows (amounts in thousands):

	Weighted- Average Useful Lives (in Years)	2014	2013
Amortizable intangible assets:			
Customer relationships	12.6	14,958	16,659
Patents, trademarks and other	8.5	15,907	23,015
Total at cost		30,865	39,674
Less accumulated amortization		(7,176)	(4,638)
		23,689	35,036

Amortization related to intangible assets for the years 2014, 2013, and 2012 totaled \$4.4 million, \$3.0 million, and \$1.1 million, respectively. The decrease in cost from 2013 is primarily related to foreign currency translation of \$(8.6) million.

The estimated aggregate amortization expense at December 31, 2014, is as follows (amounts in thousands):

2015	\$ 3,245
2016	2,481
2017	2,354
2018	2,354
2019	2,354
Thereafter	10,901
	<u>\$ 23,689</u>

TITAN INTERNATIONAL, INC.
NOTES TO CONSOLIDATED FINANCIAL STATEMENTS

11. OTHER CURRENT LIABILITIES

Other current liabilities at December 31, 2014 and 2013, consisted of the following (amounts in thousands):

	2014	2013
Warranty	\$ 28,144	\$ 33,134
Wages and commissions	27,388	29,508
Accrued other taxes	10,924	11,741
Insurance	10,272	5,785
Accrued interest	8,933	8,472
CEO and management incentive compensation	6,388	4,194
Deferred income tax	3,131	3,525
Other	33,838	38,432
	<u>\$ 129,018</u>	<u>\$ 134,791</u>

12. WARRANTY COSTS

Changes in the warranty liability consisted of the following (amounts in thousands):

	2014	2013
Warranty liability, January 1	\$ 33,134	\$ 27,482
Acquisitions	—	222
Provision for warranty liabilities	17,672	43,335
Warranty payments made	(22,662)	(37,905)
Warranty liability, December 31	<u>\$ 28,144</u>	<u>\$ 33,134</u>

The Company provides limited warranties on workmanship on its products in all market segments. The majority of the Company's products have a limited warranty that ranges from zero to ten years, with certain products being prorated after the first year. The Company calculates a provision for warranty expense based on past warranty experience. Warranty accruals are included as a component of other current liabilities on the Consolidated Balance Sheets.

13. OTHER LONG-TERM LIABILITIES

Other long-term liabilities at December 31, 2014 and 2013, consisted of the following (amounts in thousands):

	2014	2013
Accrued pension liabilities	\$ 39,453	\$ 39,769
Income tax liabilities	17,807	16,925
Accrued employment liabilities	15,140	17,124
Italian government grant	11,928	—
Other	4,697	4,127
	<u>\$ 89,025</u>	<u>\$ 77,945</u>

TITAN INTERNATIONAL, INC.
NOTES TO CONSOLIDATED FINANCIAL STATEMENTS

14. REVOLVING CREDIT FACILITY AND LONG-TERM DEBT

Long-term debt at December 31, 2014 and 2013, consisted of the following (amounts in thousands):

	2014	2013
6.875% senior secured notes due 2020	\$ 400,000	\$ 400,000
5.625% convertible senior subordinated notes due 2017	60,161	60,161
Titan Europe credit facilities	42,291	95,087
Other debt	17,013	14,141
Capital leases	3,271	3,366
	522,736	572,755
Less amounts due within one year	26,233	75,061
	\$ 496,503	\$ 497,694

Aggregate maturities of long-term debt are as follows (amounts in thousands):

2015	\$ 26,233
2016	30,717
2017	64,307
2018	1,386
2019	88
Thereafter	400,005
	\$ 522,736

6.875% senior secured notes due 2020

The Company's 6.875% senior secured notes (senior secured notes due 2020) are due October 2020. These notes are secured by the land and buildings of the following subsidiaries of the Company: Titan Tire Corporation, Titan Tire Corporation of Bryan, Titan Tire Corporation of Freeport and Titan Wheel Corporation of Illinois. The Company's senior secured notes due 2020 outstanding balance was \$400.0 million at December 31, 2014.

5.625% convertible senior subordinated notes due 2017

The Company's 5.625% convertible senior subordinated notes (convertible notes) are due January 2017. The initial base conversion rate for the convertible notes is 93.0016 shares of Titan common stock per \$1,000 principal amount of convertible notes, equivalent to an initial base conversion price of approximately \$10.75 per share of Titan common stock. If the price of Titan common stock at the time of determination exceeds the base conversion price, the base conversion rate will be increased by an additional number of shares (up to 9.3002 shares of Titan common stock per \$1,000 principal amount of convertible notes) as determined pursuant to a formula described in the indenture. The base conversion rate will be subject to adjustment in certain events. The Company's convertible notes balance was \$60.2 million at December 31, 2014.

Titan Europe credit facilities

The Titan Europe credit facilities contain borrowings from various institutions totaling \$42.3 million at December 31, 2014. Maturity dates on this debt range from less than one year to ten years and interest rates range from 5% to 6.9%. The Titan Europe facilities are primarily secured by the assets of its subsidiaries in Italy, Spain, Germany and Brazil.

Revolving credit facility

The Company's \$150 million revolving credit facility (credit facility) with agent Bank of America, N.A. has a December 2017 termination date and is collateralized by the accounts receivable and inventory of certain of its domestic subsidiaries. Titan's availability under this domestic facility may be less than \$150 million as a result of eligible accounts receivable and inventory balances at certain of its domestic subsidiaries. At December 31, 2014, the amount available was \$94.2 million as a result of the Company's decrease in sales which impacted both accounts receivable and inventory balances at year end. During 2014 and at December 31, 2014, there were no borrowings under the credit facility.

TITAN INTERNATIONAL, INC.
NOTES TO CONSOLIDATED FINANCIAL STATEMENTS

Other debt

Brazil Other Debt

Titan Brazil has working capital loans for the Sao Paulo, Brazil manufacturing facility totaling \$17.0 million at December 31, 2014.

15. DERIVATIVE FINANCIAL INSTRUMENTS

The Company uses financial derivatives to mitigate its exposure to volatility in foreign currency exchange rates. These derivative financial instruments are recognized at fair value. The Company has not designated these financial instruments as hedging instruments. Any gain or loss on the re-measurement of the fair value is recorded as an offset to currency exchange gain/loss. For the year ended December 31, 2014, the Company recorded currency exchange gain of \$1.1 million related to these derivatives.

16. ACCUMULATED OTHER COMPREHENSIVE INCOME (LOSS)

Accumulated other comprehensive income (loss) consisted of the following (amounts in thousands):

	Currency Translation Adjustments	Unrealized Gain (Loss) on Investments	Unrecognized Losses and Prior Service Cost	Total
Balance at January 1, 2013	\$ (20,793)	\$ 3	\$ (35,679)	\$ (56,469)
Currency translation adjustments	(20,071)	—	—	(20,071)
Unrealized loss on investments, net of tax of \$0	—	(3)	—	(3)
Defined benefit pension plan entries:				
Unrecognized prior service cost, net of tax of \$(52)	—	—	85	85
Unrecognized net gain, net of tax of \$(8,648)	—	—	14,664	14,664
Balance at December 31, 2013	(40,864)	—	(20,930)	(61,794)
Currency translation adjustments	(45,707)	—	—	(45,707)
Defined benefit pension plan entries:				
Unrecognized prior service cost, net of tax of \$(52)	—	—	85	85
Unrecognized net loss, net of tax of \$3,087	—	—	(5,214)	(5,214)
Balance at December 31, 2014	\$ (86,571)	\$ —	\$ (26,059)	\$ (112,630)

17. STOCKHOLDERS' EQUITY

The Company repurchased no Titan common shares in 2014, 2013, or 2012. The Company has no plans at this time to repurchase any Titan common stock. Titan paid cash dividends of \$.02 per share of common stock for 2014, 2013, and 2012. Dividends declared totaled \$1.1 million, \$1.1 million and \$0.9 million for 2014, 2013 and 2012, respectively.

TITAN INTERNATIONAL, INC.
NOTES TO CONSOLIDATED FINANCIAL STATEMENTS

18. FAIR VALUE MEASUREMENTS

ASC 820 Fair Value Measurements establishes a three-tier fair value hierarchy, which prioritizes the inputs used in measuring fair value. These tiers are defined as:

Level 1 – Quoted prices in active markets for identical instruments.

Level 2 – Inputs other than quoted prices in active markets that are either directly or indirectly observable.

Level 3 – Unobservable inputs in which little or no market data exists, therefore requiring an entity to develop its own assumptions.

Assets and liabilities measured at fair value on a recurring basis consisted of the following (amounts in thousands):

	December 31, 2014				December 31, 2013			
	Total	Level 1	Level 2	Level 3	Total	Level 1	Level 2	Level 3
Contractual obligation investments	\$ 9,840	\$ 9,840	\$ —	\$ —	\$ 8,723	\$ 8,723	\$ —	\$ —
Derivative financial instruments asset	1,068	—	1,068	—	—	—	—	—
Preferred stock	250	—	—	250	250	—	—	250
Derivative financial instruments liability	(43)	—	(43)	—	(126)	—	(126)	—
Total	\$ 11,115	\$ 9,840	\$ 1,025	\$ 250	\$ 8,847	\$ 8,723	\$ (126)	\$ 250

The following table presents the changes during the periods presented in Titan's Level 3 investments that are measured at fair value on a recurring basis (amounts in thousands):

	Preferred stock
Balance at December 31, 2012	\$ 250
Total realized and unrealized gains and losses	—
Balance at December 31, 2013	250
Total realized and unrealized gains and losses	—
Balance as of December 31, 2014	\$ 250

Fair value, nonrecurring, Level 2 and 3 measurements from impairments consisted of the following (amounts in thousands):

	Fair Value		Impairment Charges
	Level 2	Level 3	
	December 31, 2014		
Property, plant and equipment	\$ 40,346	\$ —	\$ 23,242
Goodwill	—	—	36,571
Total	\$ 40,346	\$ —	\$ 59,813

The fair value measurements and impairment charges shown above for property, plant and equipment pertain to assets used to produce giant mining tires for the mining industry. See note 2 for additional information. See note 10 for additional information for the goodwill impairment.

TITAN INTERNATIONAL, INC.
NOTES TO CONSOLIDATED FINANCIAL STATEMENTS

19. VARIABLE INTEREST ENTITIES

The Company holds a variable interest in three joint ventures for which the Company is the primary beneficiary. Two of the joint ventures operate distribution facilities which primarily distribute mining products. One of these facilities is located in Canada and the other is located in Australia. The Company's variable interest in these joint ventures relates to sales of Titan product to these entities, consigned inventory and working capital loans. The third joint venture is the consortium which owns Voltyre-Prom, a leading producer of agricultural and industrial tires in Volgograd, Russia. Titan is acting as operating partner with responsibility for Voltyre-Prom's daily operations. The Company has also provided working capital loans to Voltyre-Prom.

As the primary beneficiary of these variable interest entities (VIEs), the entities' assets, liabilities and results of operations are included in the Company's consolidated financial statements. The other equity holders' interests are reflected in "Net loss attributable to noncontrolling interests" in the consolidated condensed statements of operations and "Noncontrolling interests" in the consolidated condensed balance sheets.

The following table summarizes the carrying amount of the entities' assets and liabilities included in the Company's consolidated condensed balance sheets at December 31, 2014 and December 31, 2013 (amounts in thousands):

	December 31, 2014	December 31, 2013
Cash and cash equivalents	\$ 8,861	\$ 17,106
Inventory	9,645	33,406
Other current assets	18,115	17,000
Goodwill	—	20,601
Property, plant and equipment, net	36,353	76,060
Other noncurrent assets	8,016	16,673
Total assets	\$ 80,990	\$ 180,846
 Current liabilities	 11,659	 23,816
Noncurrent liabilities	7,448	15,818
Total liabilities	\$ 19,107	\$ 39,634

All assets in the above table can only be used to settle obligations of the consolidated VIE. Liabilities are nonrecourse obligations. Amounts presented in the table above are adjusted for intercompany eliminations.

20. ROYALTY EXPENSE

The Company has a trademark license agreement with Goodyear to manufacture and sell certain tires in North America and Latin America under the Goodyear name. The North American and Latin American farm tire royalties were prepaid for seven years as a part of the 2011 Goodyear Latin American farm tire acquisition. In May 2012, the Company and Goodyear entered into an agreement under which Titan will sell certain non-farm tire products directly to third party customers and pay a royalty to Goodyear. Royalty expenses recorded for the years ended December 31, 2014, 2013 and 2012, were \$14.1 million, \$14.3 million and \$12.3 million, respectively.

TITAN INTERNATIONAL, INC.
NOTES TO CONSOLIDATED FINANCIAL STATEMENTS

21. SUPPLY AGREEMENT TERMINATION INCOME

Supply agreement termination income consisted of the following (amounts in thousands):

	2014	2013	2012
Supply agreement termination income	\$ —	\$ —	\$ 26,134

The Company's April 2011 acquisition of Goodyear's farm tire business included a three year supply agreement with Goodyear for certain non-farm tire products. A liability was recorded as the supply agreement was for sales at below market prices. In May 2012, the Company and Goodyear terminated this supply agreement and entered into an agreement under which Titan will sell these products directly to third party customers and pay a royalty to Goodyear. The remaining balance of the supply agreement liability was recorded as income as the Company is no longer obligated to sell the products at below market prices.

22. CONVERTIBLE DEBT CONVERSION CHARGE

Convertible debt conversion charge consisted of the following (amounts in thousands):

	2014	2013	2012
Convertible debt conversion charge	\$ —	\$ (7,273)	\$ —

In the first quarter of 2013, the Company closed an Exchange Agreement with a note holder of its 5.625% convertible senior subordinated notes (convertible notes). The two parties privately negotiated an agreement to exchange approximately \$52.7 million in aggregate principal amount of the convertible notes for approximately 4.9 million shares of the Company's common stock plus a cash payment totaling \$14.2 million. In connection with the exchange, the Company recognized a charge of \$7.3 million in accordance with accounting standards for debt conversion.

23. LOSS ON SENIOR NOTE REPURCHASE

Loss on note repurchase consisted of the following (amounts in thousands):

	2014	2013	2012
Loss on senior note repurchase	\$ —	\$ (22,734)	\$ —

In the fourth quarter of 2013, Titan satisfied and discharged the indenture relating to the 7.875% senior secured notes due October 2017 (senior secured notes due 2017) by completing a tender offer settlement and redemption of all of its outstanding \$525 million principal amount of the notes, including \$325 million issued in 2013. In connection with this tender offer and redemption, the Company recorded expenses of \$22.7 million. These expenses were related to early tender premium of \$25.0 million, redemption premium of \$8.1 million, unamortized deferred financing fees of \$7.3 million, and other fees of \$0.2 million, offset by unamortized premium on the notes of \$(17.9) million.

24. NONCASH TITAN EUROPE GAIN

Noncash Titan Europe gain consisted of the following (amounts in thousands):

	2014	2013	2012
Noncash Titan Europe gain	\$ —	\$ —	\$ 26,700

In the fourth quarter of 2012, the Company acquired Titan Europe. Prior to the acquisition, Titan held a 21.8% ownership percentage in Titan Europe, which had a fair value on the acquisition date of \$31.7 million. As a result of recording the fair value of the investment on the acquisition date, a gain of \$26.7 million was recorded on Titan's previously held interest in Titan Europe. This gain was previously recorded in other comprehensive income (loss).

TITAN INTERNATIONAL, INC.
NOTES TO CONSOLIDATED FINANCIAL STATEMENTS

25. EARTHQUAKE INSURANCE RECOVERY AND GOVERNMENT GRANT

Gain on earthquake insurance recovery consisted of the following (amounts in thousands):

	2014	2013	2012
Gain on earthquake insurance recovery	\$ —	\$ 22,451	\$ —

Titan Europe's wheel manufacturing facility in Finale Emilia, Italy experienced damage from an earthquake in May 2012, prior to Titan's acquisition of Titan Europe. The plant was closed for production during initial remedial work. This resulted in a limited transfer of production to other facilities within Titan Europe as well as sourcing product from facilities in the U.S. owned by Titan and competitors. In the second quarter of 2013, Titan received a final insurance settlement payment of \$38.7 million, which offset the earthquake insurance receivable and resulted in a gain of \$22.5 million.

In August of 2014, the Company received an \$11.3 million capital grant from the Italian government for asset damages related to the earthquake. The grant was recorded as a deferred income in noncurrent liabilities which will be amortized over the life of the reconstructed building.

26. GAIN ON ACQUISITION

Gain on acquisition consisted of the following (amounts in thousands):

	2014	2013	2012
Gain on acquisition	\$ —	\$ —	\$ 11,678

In the second quarter of 2013, Titan received a final insurance settlement payment regarding an earthquake Titan Europe's wheel manufacturing facility in Finale Emilia, Italy experienced in May 2012, prior to Titan's acquisition of Titan Europe. As a result of this information, the purchase price allocation of the Titan Europe acquisition has changed from that reported in the Form 10-K for the year ended December 31, 2012, and the 10-Q for the quarter ended March 31, 2013, and Titan has recorded a bargain purchase gain of \$11.7 million for the year ended December 31, 2012.

27. OTHER INCOME (EXPENSE)

Other income (expense) consisted of the following (amounts in thousands):

	2014	2013	2012
Gain (loss) on sale of assets	\$ 3,438	\$ (173)	\$ (707)
Interest income	3,038	3,396	859
Discount amortization on prepaid royalty	2,712	3,296	3,736
Wheels India Limited equity income	2,108	1,430	401
Investment gain related to contractual obligation investments	1,116	1,315	1,022
Building rental income	903	846	710
Other income	343	1,825	802
Currency exchange loss	(31,713)	(4,920)	—
	\$ (18,055)	\$ 7,015	\$ 6,823

TITAN INTERNATIONAL, INC.
NOTES TO CONSOLIDATED FINANCIAL STATEMENTS

28. INCOME TAXES

Income (loss) before income taxes, consisted of the following (amounts in thousands):

	2014	2013	2012
Domestic	\$ (47,730)	\$ 27,023	\$ 178,686
Foreign	(104,514)	27,711	13,565
	<u>\$ (152,244)</u>	<u>\$ 54,734</u>	<u>\$ 192,251</u>

The income tax provision (benefit) was as follows (amounts in thousands):

	2014	2013	2012
Current			
Federal	\$ (2,753)	\$ 11,853	\$ 47,616
State	258	5,398	13,537
Foreign	5,476	11,800	8,290
	<u>2,981</u>	<u>29,051</u>	<u>69,443</u>
Deferred			
Federal	(11,670)	(8,473)	14,179
State	(1,205)	(316)	1,235
Foreign	(11,925)	4,785	1,756
	<u>(24,800)</u>	<u>(4,004)</u>	<u>17,170</u>
Income tax provision (benefit)	<u>\$ (21,819)</u>	<u>\$ 25,047</u>	<u>\$ 86,613</u>

The income tax provision differs from the amount of income tax determined by applying the statutory U.S. federal income tax rate to pre-tax income (loss) as a result of the following:

	2014	2013	2012
Statutory U.S. federal tax rate	35.0 %	35.0 %	35.0 %
Unrecognized tax positions	0.7	6.2	3.5
Impact of foreign income	(0.4)	4.5	6.1
Italian law change	—	(14.2)	—
Goodwill impairment	(10.6)	—	—
Valuation allowance	(11.3)	19.0	—
State taxes, net	0.8	1.9	2.5
Domestic production exemption	—	(3.2)	(3.1)
Debt conversion (benefit) expense	1.5	(1.0)	—
Section 162m limitation	—	—	2.5
Write off of Titan Europe deferred tax asset	—	—	2.0
Bargain purchase gain	—	—	(2.0)
Other, net	(1.4)	(2.4)	(1.4)
Effective tax rate	<u>14.3 %</u>	<u>45.8 %</u>	<u>45.1 %</u>

The Company's 2014 income tax benefit and rate differs from the amount of income tax determined by applying the U.S. Federal income tax rate to pre-tax income primarily as a result of the requirement of a valuation allowance in certain companies and the non-deductible goodwill impairment. The 2013 effective rate was impacted by a change in Italian law making the insurance proceeds from the earthquake non-taxable. In addition, as a result of the reassessment of the realizability of the deferred tax assets due to Italian law change, a valuation allowance was established on the Italy net deferred tax assets. Other items contributing to the rate difference are state income tax expense, unrecognized tax benefits, foreign earnings, domestic production activities deduction, and tax deductible expenses related to the convertible notes repurchase.

TITAN INTERNATIONAL, INC.
NOTES TO CONSOLIDATED FINANCIAL STATEMENTS

Deferred income taxes reflect the net tax effects of temporary differences between the carrying amounts of assets and liabilities for financial reporting purposes and the amounts used for income tax purposes. Significant components of the Company's deferred tax assets and liabilities at December 31, 2014 and 2013, are as follows (amounts in thousands):

	2014	2013
Deferred tax assets:		
Net operating loss carryforwards	\$ 55,590	\$ 41,933
Pension	8,590	6,269
Inventory	7,807	3,564
Warranty	9,945	11,460
Employee benefits and related costs	15,967	13,146
Allowance for bad debts	1,254	3,773
Prepaid royalties	7,960	8,464
Other	14,551	14,929
Deferred tax assets	<u>121,664</u>	<u>103,538</u>
Deferred tax liabilities:		
Fixed assets	(50,009)	(71,749)
Intangible Assets	(6,043)	(8,454)
Other	(3,027)	(5,957)
Deferred tax liabilities	<u>(59,079)</u>	<u>(86,160)</u>
Subtotal	62,585	17,378
Valuation allowance	(45,241)	(37,185)
Net deferred tax asset (liability)	<u>\$ 17,344</u>	<u>\$ (19,807)</u>

As of December 31, 2014 and 2013 certain tax loss carryforwards of \$55.6 million and \$41.9 million are available with \$2.2 million expiring from 2015 through 2019 and \$53.4 million expiring after 2019. At December 31, 2014, a valuation allowance of \$45.2 million had been established. The majority of the valuation allowance is related to deferred tax assets on net operating losses in Italy, state net operating losses in the US, and net operating losses in Australia. At December 31, 2013, a valuation allowance of \$37.2 million had been established, of which a majority was to offset the net operating loss carryforwards due to uncertainty of future income in the relevant taxing jurisdictions.

At December 31, 2014, U.S. income taxes have not been provided on approximately \$122.5 million of unremitted earnings of subsidiaries operating outside the U.S. These earnings, which are considered to be invested indefinitely, would become subject to income tax if they were remitted as dividends, were lent to the Company or a U.S. affiliate, or if the Company were to sell its stock in the subsidiaries. The amount of unrecognized deferred U.S. income tax liability on these unremitted earnings is insignificant.

The Company intends to file a "check the box" election for Titan Pneus Do Brazil during the first quarter of 2015. This election will change the tax status of this company from a disregarded entity to a regarded corporation for U.S. tax purposes. The tax impacts of this election as well as the effective date are still being evaluated.

The Company has applied the provisions of ASC 740, "Income Taxes" related to unrecognized tax benefits. No adjustment was made to retained earnings in adopting these provisions in 2007. At December 31, 2014, 2013, and 2012, the unrecognized tax benefits were \$18.1 million, \$17.8 million, and \$14.3 million respectively. As of December 31, 2014, \$12.1 million of unrecognized tax benefits would affect income tax expense if the tax benefits were recognized. The majority of the accrual in unrecognized tax benefits relates to potential state tax exposures. Although management cannot predict with any degree of certainty the timing of ultimate resolution of matters under review by various taxing jurisdictions, it is unlikely that the Company's gross unrecognized tax benefits balance will change significantly within the next twelve months.

TITAN INTERNATIONAL, INC.
NOTES TO CONSOLIDATED FINANCIAL STATEMENTS

Titan has identified the United States, the State of Illinois, Italy, United Kingdom, and Brazil as “major” tax jurisdictions. The Company is subject to U.S. Federal tax examinations for years 2010 to 2014. Various state and foreign income tax returns are also subject to examination. Generally, tax years 2011 and forward remain open under state statutes of limitations and tax years 2009 and forward remain open under foreign statutes of limitations.

A reconciliation of the total amounts of unrecognized tax benefits at December 31 were as follows (amounts in thousands):

	2014	2013	2012
Balance at January 1	15,363	11,872	—
Increases to tax positions taken during the current year	190	4,256	6,050
Increases to tax positions taken during the prior years	3,131	433	5,822
Decreases to tax positions taken during prior years	(1,806)	(250)	—
Decreases due to lapse of statutes of limitations	(802)	(272)	—
Settlements	(656)	(721)	—
Foreign exchange	(100)	45	—
Balance at December 31	<u>15,320</u>	<u>15,363</u>	<u>11,872</u>

The Company accrues interest and penalties related to unrecognized tax benefits in income tax expense. The amount of interest and penalties related to unrecognized tax benefits recorded in income tax expense was \$0.3 million, \$0.1 million and \$2.4 million at December 31, 2014, 2013 and 2012. The reconciliation of unrecognized tax benefits above does not include accrued interest and penalties of \$2.8 million, \$2.5 million, and \$2.4 million, at December 31, 2014, 2013 and 2012, respectively.

29. EMPLOYEE BENEFIT PLANS

Pension plans

The Company has three frozen defined benefit pension plans covering certain employees or former employees of three U.S. subsidiaries. The Company also has pension plans covering certain employees of several foreign subsidiaries. The Company’s policy is to fund pension costs as required by law, which is consistent with the funding requirements of federal laws and regulations. Certain foreign subsidiaries maintain unfunded pension plans consistent with local practices and requirements.

TITAN INTERNATIONAL, INC.
NOTES TO CONSOLIDATED FINANCIAL STATEMENTS

The following table provides the change in benefit obligation, change in plan assets, funded status and amounts recognized in the consolidated balance sheet of the defined benefit pension plans as of December 31, 2014 and 2013 (amounts in thousands):

	2014	2013
Change in benefit obligation:		
Benefit obligation at beginning of year	\$ 123,182	\$ 139,104
Service cost	618	850
Interest cost	5,653	5,408
Actuarial (gain) loss	9,382	(12,848)
Benefits paid	(9,187)	(9,258)
Foreign currency translation	(2,882)	(74)
Benefit obligation at end of year	<u>\$ 126,766</u>	<u>\$ 123,182</u>
Change in plan assets:		
Fair value of plan assets at beginning of year	\$ 83,952	\$ 78,168
Actual return on plan assets	3,912	10,255
Employer contributions	5,685	4,674
Benefits paid	(9,032)	(9,223)
Foreign currency translation	(236)	78
Fair value of plan assets at end of year	<u>\$ 84,281</u>	<u>\$ 83,952</u>
Unfunded status at end of year	<u>\$ (42,485)</u>	<u>\$ (39,230)</u>
Amounts recognized in consolidated balance sheet:		
Noncurrent assets	\$ 537	\$ 539
Current liabilities	(3,569)	—
Noncurrent liabilities	(39,453)	(39,769)
Net amount recognized in the consolidated balance sheet	<u>\$ (42,485)</u>	<u>\$ (39,230)</u>

The pension benefit obligation included \$104.5 million of pension benefit obligation for the three frozen plans in the U.S. and \$22.3 million of pension benefit obligation for plans at foreign subsidiaries. The fair value of plan assets included \$82.5 million of plan assets for the three frozen plans in the U.S. and \$1.8 million of plan assets for foreign plans.

Amounts recognized in accumulated other comprehensive loss:

	2014	2013
Unrecognized prior service cost	\$ (618)	\$ (754)
Unrecognized net loss	(41,370)	(33,070)
Deferred tax effect of unrecognized items	15,929	12,894
Net amount recognized in accumulated other comprehensive loss	<u>\$ (26,059)</u>	<u>\$ (20,930)</u>

The weighted-average assumptions used in the actuarial computation that derived the benefit obligations at December 31 were as follows:

	2014	2013
Discount rate	4.1%	4.8%
Expected long-term return on plan assets	7.4%	7.4%

TITAN INTERNATIONAL, INC.
NOTES TO CONSOLIDATED FINANCIAL STATEMENTS

The following table provides the components of net periodic pension cost for the plans, settlement cost and the assumptions used in the measurement of the Company's benefit obligation for the years ended December 31, 2014, 2013 and 2012 (amounts in thousands):

Components of net periodic benefit cost and other amounts recognized in other comprehensive income (loss)

	2014	2013	2012
Net periodic benefit cost:			
Service cost	\$ 618	\$ 850	\$ 380
Interest cost	5,653	5,408	5,082
Assumed return on assets	(6,068)	(5,585)	(5,022)
Amortization of unrecognized prior service cost	137	137	137
Amortization of net unrecognized loss	3,033	5,264	5,195
Net periodic pension cost	<u>\$ 3,373</u>	<u>\$ 6,074</u>	<u>\$ 5,772</u>

The estimated net loss and prior service cost that will be amortized from accumulated other comprehensive income (loss) into net periodic benefit cost over the next fiscal year are \$2.9 million and \$0.1 million, respectively.

The weighted-average assumptions used in the actuarial computation that derived net periodic pension cost for the years ended December 31, 2014, 2013 and 2012 were as follows:

	2014	2013	2012
Discount rate	5.9%	4.7%	4.3%
Expected long-term return on plan assets	7.4%	7.4%	7.5%

The allocation of the fair value of plan assets was as follows:

Asset Category	Percentage of Plan Assets at December 31,		Target Allocation
	2014	2013	2015
U.S. equities (a)	61%	58%	40% - 80%
Fixed income	25%	23%	20% - 50%
Cash and cash equivalents	5%	7%	0% - 20%
International equities (a)	9%	12%	0% - 16%
	<u>100%</u>	<u>100%</u>	

(a) Total equities may not exceed 80% of total plan assets.

The majority of the Company's foreign plans do not have plan assets. The one foreign plan which has plan assets holds these plan assets in an insurance fund.

TITAN INTERNATIONAL, INC.
NOTES TO CONSOLIDATED FINANCIAL STATEMENTS

The fair value of the plan assets by asset categories at December 31, 2014 was as follows (amounts in thousands):

	Fair Value Measurements as of December 31, 2014			
	Total	Level 1	Level 2	Level 3
Money market funds	\$ 3,325	\$ 3,325	\$ —	\$ —
Domestic common stock	32,472	32,472	—	—
Foreign common stock	3,986	3,986	—	—
Corporate bonds	5,875	5,875	—	—
Foreign bonds	1,611	—	1,611	—
U.S. government securities	14	14	—	—
Insurance fund	1,799	—	1,799	—
Common / collective trusts	35,199	912	34,287	—
Totals	\$ 84,281	\$ 46,584	\$ 37,697	\$ —

The fair value of the plan assets by asset categories at December 31, 2013 was as follows (amounts in thousands):

	Fair Value Measurements as of December 31, 2013			
	Total	Level 1	Level 2	Level 3
Money market funds	\$ 6,051	\$ 6,051	\$ —	\$ —
Domestic common stock	32,757	32,757	—	—
Foreign common stock	4,921	4,921	—	—
Corporate bonds	4,012	4,012	—	—
Foreign bonds	519	—	519	—
U.S. government securities	18	18	—	—
Mutual funds	—	—	—	—
Insurance funds	1,974	—	1,974	—
Common / collective trusts	33,700	—	33,700	—
Totals	\$ 83,952	\$ 47,759	\$ 36,193	\$ —

The Company invests in a diversified portfolio consisting of an array of asset classes in an attempt to maximize returns while minimizing risk. These asset classes include U.S. equities, fixed income, cash and cash equivalents, and international equities. The investment objectives are to provide for the growth and preservation of plan assets on a long-term basis through investments in: (i) investment grade securities that provide investment returns that meet or exceed the Standard & Poor's 500 Index and (ii) investment grade fixed income securities that provide investment returns that meet or exceed the Barclays Capital Aggregate Bond Index. The U.S. equities asset category included the Company's common stock in the amount of \$1.8 million (approximately two percent of total plan assets) at December 31, 2014, and \$3.1 million (approximately four percent of total plan assets) at December 31, 2013.

The fair value of money market funds, stock, bonds, U.S. government securities and mutual funds are determined based on valuation for identical instruments in active markets. The fair value of common and collective trusts is determined based on the fair value of the underlying instruments.

The long-term rate of return for plan assets is determined using a weighted-average of long-term historical approximate returns on cash and cash equivalents, fixed income securities, and equity securities considering the anticipated investment allocation within the plans. The expected return on plan assets is anticipated to be 7.4% over the long-term. This rate assumes long-term historical returns of approximately 9% for equities and approximately 6% for fixed income securities using the plans' target allocation percentages. Professional investment firms, none of which are Titan employees, manage the plan assets.

Although the 2015 minimum pension funding calculations are not finalized, the Company estimates those funding requirements will be approximately \$6 million.

TITAN INTERNATIONAL, INC.
NOTES TO CONSOLIDATED FINANCIAL STATEMENTS

Projected benefit payments from the plans as of December 31, 2014, are estimated as follows (amounts in thousands):

2015	\$ 8,924
2016	8,942
2017	8,883
2018	8,864
2019	8,547
2020-2024	43,137

401(k)/Defined contribution plans

The Company sponsors four 401(k) retirement savings plans in the U.S. and a number of defined contribution plans at foreign subsidiaries. One U.S. plan is for the benefit of substantially all employees who are not covered by a collective bargaining arrangement. Titan provides a 25% matching contribution in the form of the Company's common stock on the first 6% of the employee's contribution in this plan. The Company issued 39,935 shares, 35,207 shares and 27,562 shares of treasury stock in connection with this 401(k) plan during 2014, 2013 and 2012, respectively. Expenses to the Company related to this common stock matching contribution were \$0.6 million, \$0.7 million and \$0.6 million for 2014, 2013 and 2012, respectively. The other three U.S. 401(k) plans are for employees covered by collective bargaining agreements and do not include a Company matching contribution. Expenses related to foreign defined contribution plans were \$4.7 million, \$4.1 million and \$0.8 million for 2014, 2013 and 2012, respectively.

30. STOCK COMPENSATION

The Company accounts for stock compensation using ASC 718 Compensation – Stock Compensation. The Company recorded stock compensation of \$5.4 million, \$4.8 million and \$4.1 million in 2014, 2013 and 2012, respectively. Options to the Board of Directors vest immediately and options to employees vest over three years. All options expire 10 years from the grant date. The restricted stock awards vest over four years.

2005 Equity Incentive Plan

The Company adopted the 2005 Equity Incentive Plan to provide stock compensation as a means of attracting and retaining qualified independent directors and employees for the Company. A total of 1.7 million shares are available for future issuance under the equity incentive plan. The exercise price of stock options may not be less than the fair market value of the common stock on the date of the grant. The vesting and term of each option is set by the Board of Directors. The Company granted 59,000 stock options under this plan in 2014, 60,000 stock options under this plan in 2013, and 45,000 stock options under this plan in 2012. The Company granted 10,000 restricted stock awards under this plan in 2014, 225,750 restricted stock awards under this plan in 2013, and 293,000 restricted stock awards under this plan in 2012.

Stock Options

The following is a summary of activity in stock options for 2014:

	Shares Subject to Option	Weighted- Average Exercise Price	Weighted- Average Remaining Contractual Life (in Years)	Aggregate Intrinsic Value (in thousands)
Outstanding, December 31, 2013	1,154,069	\$ 18.18		
Granted	59,000	16.37		
Exercised	(8,971)	15.75		
Forfeited/Expired	(26,025)	18.93		
Outstanding, December 31, 2014	1,178,073	18.09	5.03	\$ —
Exercisable, December 31, 2014	1,178,073	18.09	5.03	\$ —

TITAN INTERNATIONAL, INC.
NOTES TO CONSOLIDATED FINANCIAL STATEMENTS

The total intrinsic value of options exercised in 2014 was \$0.0 million. Cash received from the exercise of stock options was \$0.1 million for 2014. Tax benefit realized for the tax deductions from stock options exercised was \$0.0 million for 2014. The weighted-average per share estimated grant date fair value of options issued in 2014 was \$9.97. The Company has no pre-tax unrecognized compensation expense for stock options at December 31, 2014.

The total intrinsic value of options exercised in 2013 was \$0.4 million. Cash received from the exercise of stock options was \$1.0 million for 2013. Tax benefit realized for the tax deductions from stock options exercised was \$0.2 million in 2013. The weighted-average per share estimated grant date fair value of options issued in 2013 was \$14.51.

The total intrinsic value of options exercised in 2012 was \$1.0 million. Cash received from the exercise of stock options was \$0.9 million for 2012. Tax benefit realized for the tax deductions from stock options exercised was \$0.4 million in 2012. The weighted-average per share estimated grant date fair value of options issued in 2012 was \$13.39.

The Company currently uses treasury shares to satisfy any stock option exercises. At December 31, 2014, the Company had 1.5 million shares of treasury stock.

Valuation Assumptions

The Company uses the Black-Scholes option pricing model to determine the fair value of its stock options. The determination of the fair value of stock option awards on the date of grant using option pricing models is affected by the Company's stock price, as well as assumptions regarding a number of complex and subjective variables. These variables include the Company's expected stock price volatility over the expected term of the awards, actual and projected stock option exercise behaviors, risk-free interest rates and expected dividends. The expected term of options represents the period of time over which options are expected to be outstanding and is estimated based on historical experience. Expected volatility is based on the historical volatility of the Company's common stock calculated over the expected term of the option. The risk-free interest rate is based on U.S. Treasury yields in effect at the date of grant.

Weighted average assumptions used for stock options issued in 2014, 2013 and 2012:

	2014	2013	2012
Expected life (in years)	6.0	6.0	6.0
Expected volatility	67.8%	68.4%	67.0%
Expected dividends	0.1%	0.1%	0.1%
Risk-free interest rate	1.80%	1.01%	0.93%

Restricted Stock

	Shares	Weighted Average Grant Date Fair Value
Unvested at December 31, 2013	518,000	19.6
Granted	10,000	16.76
Vested	(139,250)	20.83
Forfeited/Expired	(46,250)	19.46
Unvested at December 31, 2014	342,500	19.04

Pre-tax unrecognized compensation expense for unvested restricted stock was \$4.7 million at December 31, 2014, and will be recognized as an expense over a weighted-average period of 2.6 years.

TITAN INTERNATIONAL, INC.
NOTES TO CONSOLIDATED FINANCIAL STATEMENTS

31. LITIGATION

The Company is a party to routine legal proceedings arising out of the normal course of business. Although it is not possible to predict with certainty the outcome of these unresolved legal actions or the range of possible loss, the Company believes at this time that none of these actions, individually or in the aggregate, will have a material adverse effect on the consolidated financial condition, results of operations or cash flows of the Company. However, due to the difficult nature of predicting unresolved and future legal claims, the Company cannot anticipate or predict the material adverse effect on its consolidated financial condition, results of operations or cash flows as a result of efforts to comply with or its liabilities pertaining to legal judgments.

32. LEASE COMMITMENTS

The Company leases certain buildings and equipment under operating leases. Certain lease agreements provide for renewal options, fair value purchase options, and payment of property taxes, maintenance and insurance by the Company. Total rental expense was \$10.2 million, \$7.6 million and \$2.2 million for the years ended December 31, 2014, 2013 and 2012, respectively.

At December 31, 2014, future minimum rental commitments under noncancellable operating leases with initial or remaining terms in excess of one year are as follows (amounts in thousands):

2015	\$ 6,874
2016	5,824
2017	3,996
2018	2,235
2019	1,451
Thereafter	1,885
Total future minimum lease payments	<u>\$ 22,265</u>

At December 31, 2014, the Company had assets held as capital leases with a net book value of \$10.8 million included in property, plant and equipment. Total future capital lease obligations relating to these leases are as follows (amounts in thousands):

2015	\$ 1,522
2016	1,015
2017	526
2018	115
2019	88
Thereafter	5
Total future capital lease obligation payments	<u>3,271</u>
Less amount representing interest	<u>(71)</u>
Present value of future capital lease obligation payments	<u>\$ 3,200</u>

33. CONCENTRATION OF CREDIT RISK

Net sales to Deere & Company in Titan's agricultural, earthmoving/construction and consumer markets represented 12% of the Company's consolidated revenues for the year ended December 31, 2014, 13% of the Company's consolidated revenues for the year ended December 31, 2013, and 19% of the Company's consolidated revenues for the year ended December 31, 2012. Net sales to CNH Global N.V. in Titan's three customer markets represented 9% of the Company's consolidated revenues for the year ended December 31, 2014, 9% of the Company's consolidated revenues for the year ended December 31, 2013, and 10% of the Company's consolidated revenues for the year ended December 31, 2012. No other customer accounted for more than 10% of Titan's net sales in 2014, 2013 or 2012.

TITAN INTERNATIONAL, INC.
NOTES TO CONSOLIDATED FINANCIAL STATEMENTS

34. RELATED PARTY TRANSACTIONS

The Company sells products and pays commissions to companies controlled by persons related to the chief executive officer of the Company. The related party is Mr. Fred Taylor and is Mr. Maurice Taylor's brother. The companies which Mr. Fred Taylor is associated with that do business with Titan include the following: Blackstone OTR, LLC; FBT Enterprises; Green Carbon, INC; and OTR Wheel Engineering. During 2014, 2013 and 2012, sales of Titan product to these companies were approximately \$2.6 million, \$3.0 million and \$2.1 million, respectively. Titan had trade receivables due from these companies of approximately \$0.2 million at December 31, 2014, and approximately \$0.2 million at December 31, 2013. On other sales referred to Titan from these manufacturing representative companies, commissions were approximately \$2.4 million, \$2.5 million and \$2.8 million during 2014, 2013 and 2012, respectively. Titan had purchases from these companies of approximately \$9.9 million and \$0.8 million during 2014 and 2013, respectively.

The Company has a 34.2% equity stake in Wheels India Limited, a company incorporated in India and listed on the National Stock Exchange in India. The Company had trade payables due to Wheels India of approximately \$0.1 million at December 31, 2014, and approximately \$0.3 million at December 31, 2013.

35. SEGMENT AND GEOGRAPHICAL INFORMATION

The Company has aggregated its operating units into reportable segments based on its three customer markets: agricultural, earthmoving/construction and consumer. These segments are based on the information used by the chief executive officer to make certain operating decisions, allocate portions of capital expenditures and assess segment performance. The accounting policies of the segments are the same as those described in Note 1, "Description of Business and Significant Accounting Policies." Segment external revenues, expenses and income from operations are determined on the basis of the results of operations of operating units of manufacturing facilities. Segment assets are generally determined on the basis of the tangible assets located at such operating units' manufacturing facilities and the intangible assets associated with the acquisitions of such operating units. However, certain operating units' goodwill and property, plant and equipment balances are carried at the corporate level.

Titan is organized primarily on the basis of products being included in three marketing segments, with each reportable segment including wheels, tires, wheel/tire assemblies and undercarriage systems and components.

TITAN INTERNATIONAL, INC.
NOTES TO CONSOLIDATED FINANCIAL STATEMENTS

The table below presents information about certain operating results of segments as reviewed by the chief operating decision maker of the Company as of and for the years ended December 31, 2014, 2013 and 2012. (amounts in thousands):

	2014	2013	2012
Revenues from external customers			
Agricultural	\$ 1,016,882	\$ 1,182,187	\$ 1,080,412
Earthmoving/construction	610,596	749,115	501,617
Consumer	268,049	232,293	238,649
	<u>\$ 1,895,527</u>	<u>\$ 2,163,595</u>	<u>\$ 1,820,678</u>
Gross profit			
Agricultural	\$ 134,688	\$ 198,910	\$ 206,376
Earthmoving/construction	(7,609)	83,358	74,348
Consumer	16,250	15,542	16,366
Unallocated corporate	(2,686)	(2,620)	(2,951)
	<u>\$ 140,643</u>	<u>\$ 295,190</u>	<u>\$ 294,139</u>
Income (loss) from operations			
Agricultural	\$ 63,838	\$ 151,841	\$ 178,587
Earthmoving/construction	(80,600)	22,008	47,310
Consumer	(8,766)	1,630	32,243
Unallocated corporate	(72,097)	(73,084)	(83,432)
Consolidated income (loss) from operations	(97,625)	102,395	174,708
Interest expense	(36,564)	(47,120)	(27,658)
Convertible debt conversion charge	—	(7,273)	—
Loss on senior note repurchase	—	(22,734)	—
Noncash Titan Europe Plc gain	—	—	26,700
Gain on earthquake insurance recovery	—	22,451	—
Gain on acquisition	—	—	11,678
Other income (expense), net	(18,055)	7,015	6,823
Income (loss) before income taxes	<u>\$ (152,244)</u>	<u>\$ 54,734</u>	<u>\$ 192,251</u>
Capital expenditures			
Agricultural	\$ 17,448	\$ 28,763	\$ 26,886
Earthmoving/construction	29,190	35,702	26,508
Consumer	7,608	7,393	4,100
Unallocated corporate	4,193	8,273	8,246
	<u>\$ 58,439</u>	<u>\$ 80,131</u>	<u>\$ 65,740</u>
Depreciation & amortization			
Agricultural	\$ 37,996	\$ 29,781	\$ 20,435
Earthmoving/construction	36,608	40,272	24,192
Consumer	9,743	6,246	5,855
Unallocated corporate	4,357	4,323	3,613
	<u>\$ 88,704</u>	<u>\$ 80,622</u>	<u>\$ 54,095</u>
Total assets			
Agricultural	\$ 508,741	\$ 725,032	\$ 555,020
Earthmoving/construction	591,553	749,564	841,502
Consumer	175,475	172,320	140,592
Unallocated corporate (a)	219,955	174,315	173,121
	<u>\$ 1,495,724</u>	<u>\$ 1,821,231</u>	<u>\$ 1,710,235</u>

(a) Unallocated assets include cash of approximately \$133 million, \$82 million, and \$103 million at year-end 2014, 2013 and 2012, respectively.

TITAN INTERNATIONAL, INC.
NOTES TO CONSOLIDATED FINANCIAL STATEMENTS

The table below presents information by geographic area. Revenues from external customers were determined based on the location of the selling subsidiary. Geographic information as of and for the years ended December 31, 2014, 2013 and 2012 was as follows (amounts in thousands):

	United States	Brazil	Other Countries	Consolidated Totals
2014				
Revenues from external customers	\$ 904,097	\$ 352,342	\$ 639,088	\$ 1,895,527
Long-lived assets	223,797	80,414	223,203	527,414
2013				
Revenues from external customers	\$ 1,159,061	\$ 397,426	\$ 607,108	\$ 2,163,595
Long-lived assets	266,413	101,282	313,187	680,882
2012				
Revenues from external customers	\$ 1,356,264	\$ 328,005	\$ 136,409	\$ 1,820,678
Long-lived assets	262,064	112,480	218,741	593,285

36. EARNINGS PER SHARE

Earnings per share for 2014, 2013 and 2012, are (amounts in thousands, except per share data):

	Titan Net income (loss)	Weighted-average shares	Per share amount
2014			
Basic earnings per share	\$ (80,461)	53,497	\$ (1.50)
Effect of stock options/trusts	—	—	
Effect of convertible notes	—	—	
Diluted earnings per share	\$ (80,461)	53,497	\$ (1.50)
2013			
Basic earnings per share	\$ 35,205	53,039	\$ 0.66
Effect of stock options/trusts	—	258	
Effect of convertible notes	2,600	6,225	
Diluted earnings per share	\$ 37,805	59,522	\$ 0.64
2012			
Basic earnings per share	\$ 107,231	43,380	\$ 2.47
Effect of stock options/trusts	—	254	
Effect of convertible notes	4,572	11,028	
Diluted earnings per share	\$ 111,803	54,662	\$ 2.05

The effect of stock options/trusts has been excluded for 2014, as the effect would have been antidilutive. The weighted average share amount excluded was 0.2 million. The effect of convertible notes has been excluded for 2014, as the effect would have been antidilutive. The weighted average share amount excluded was 5.6 million shares.

TITAN INTERNATIONAL, INC.
NOTES TO CONSOLIDATED FINANCIAL STATEMENTS

37. SUPPLEMENTARY DATA – QUARTERLY FINANCIAL INFORMATION (UNAUDITED)

(All amounts in thousands, except per share data)

Quarter ended	March 31	June 30	September 30	December 31	Year ended December 31
2014					
Net sales	\$ 538,940	\$ 523,731	\$ 449,579	\$ 383,277	\$ 1,895,527
Gross profit	54,550	22,560 (a)	45,299	18,234	140,643
Titan net income (loss)	2,163	(20,511) (a)	(9,067)	(53,046) (b)	(80,461)
Per share amounts:					
Basic	.04	(.38) (a)	(.17)	(.99) (b)	(1.50) (c)
Diluted	.04	(.38) (a)	(.17)	(.99) (b)	(1.50) (c)
2013					
Net sales	\$ 578,387	\$ 593,291	\$ 497,510	\$ 494,407	\$ 2,163,595
Gross profit	96,751	86,655	62,506	49,278	295,190
Titan net income (loss)	19,475 (d)	23,217 (e)	8,093	(15,580) (f)	35,205
Per share amounts:					
Basic	.38 (d)	.43 (e)	.15	(.29) (f)	.66 (c)
Diluted	.34 (d)	.40 (e)	.15	(.29) (f)	.64 (c)

(a) Mining asset impairment and inventory writedown of \$34.8 million was included in the quarter ended June 30, 2014.

(b) Noncash goodwill impairment charge of \$36.6 million was included in the quarter ended December 31, 2014.

(c) As a result of changes in outstanding share balances and dilution factors, year-end per share amounts may not agree to the sum of the quarters.

(d) Convertible debt conversion charge of \$7.3 million was included in the quarter ended March 31, 2013.

(e) Gain on earthquake insurance recovery of \$22.5 million was included in the quarter ended June 30, 2013.

(f) Loss on senior note repurchase of \$22.7 million was included in the quarter ended December 31, 2013.

38. SUBSIDIARY GUARANTOR FINANCIAL INFORMATION

The Company's 6.875% senior secured notes due 2020 and 5.625% convertible senior subordinated notes due 2017 are guaranteed by the following 100% owned subsidiaries of the Company: Titan Tire Corporation, Titan Tire Corporation of Bryan, Titan Tire Corporation of Freeport, and Titan Wheel Corporation of Illinois. The note guarantees are full and unconditional, joint and several obligations of the guarantors. The guarantees of the guarantor subsidiaries are subject to release in limited circumstances only upon the occurrence of certain customary conditions. The following condensed consolidating financial statements are presented using the equity method of accounting. Certain sales & marketing expenses recorded by non-guarantor subsidiaries have not been allocated to the guarantor subsidiaries.

TITAN INTERNATIONAL, INC.
NOTES TO CONSOLIDATED FINANCIAL STATEMENTS

Consolidating Condensed Statements of Operations
Year Ended December 31, 2014

(Amounts in thousands)

	Titan Intl., Inc. (Parent)	Guarantor Subsidiaries	Non-Guarantor Subsidiaries	Eliminations	Consolidated
Net sales	\$ —	\$ 879,982	\$ 1,015,545	\$ —	\$ 1,895,527
Cost of sales	927	800,310	953,647	—	1,754,884
Gross profit (loss)	(927)	79,672	61,898	—	140,643
Selling, general and administrative expenses	12,887	71,548	89,179	—	173,614
Research and development expenses	72	5,309	8,624	—	14,005
Royalty expense	—	7,620	6,458	—	14,078
Noncash goodwill impairment charge	—	—	36,571	—	36,571
Loss from operations	(13,886)	(4,805)	(78,934)	—	(97,625)
Interest expense	(32,783)	—	(3,781)	—	(36,564)
Intercompany interest income (expense)	6,416	2,346	(8,762)	—	—
Other income (expense)	4,258	14	(22,327)	—	(18,055)
Loss before income taxes	(35,995)	(2,445)	(113,804)	—	(152,244)
Benefit for income taxes	(12,765)	(374)	(8,680)	—	(21,819)
Equity in earnings of subsidiaries	(107,195)	—	(26,213)	133,408	—
Net income (loss)	(130,425)	(2,071)	(131,337)	133,408	(130,425)
Net loss noncontrolling interests	—	—	(49,964)	—	(49,964)
Net income (loss) attributable to Titan	\$ (130,425)	\$ (2,071)	\$ (81,373)	\$ 133,408	\$ (80,461)

Consolidating Condensed Statements of Operations
Year Ended December 31, 2013

(Amounts in thousands)

	Titan Intl., Inc. (Parent)	Guarantor Subsidiaries	Non-Guarantor Subsidiaries	Eliminations	Consolidated
Net sales	\$ —	\$ 1,139,366	\$ 1,024,229	\$ —	\$ 2,163,595
Cost of sales	1,157	936,022	931,226	—	1,868,405
Gross profit (loss)	(1,157)	203,344	93,003	—	295,190
Selling, general and administrative expenses	9,608	73,196	84,567	—	167,371
Research and development expenses	(35)	5,563	5,637	—	11,165
Royalty expense	—	7,327	6,932	—	14,259
Income (loss) from operations	(10,730)	117,258	(4,133)	—	102,395
Interest expense	(38,761)	—	(8,359)	—	(47,120)
Convertible debt conversion charge	(7,273)	—	—	—	(7,273)
Loss on note repurchase	(22,734)	—	—	—	(22,734)
Gain on earthquake insurance	—	—	22,451	—	22,451
Intercompany interest income (expense)	7,488	2,024	(9,512)	—	—
Other income (expense)	4,189	(78)	2,904	—	7,015
Income (loss) before income taxes	(67,821)	119,204	3,351	—	54,734
Provision (benefit) for income taxes	(26,770)	42,528	9,289	—	25,047
Equity in earnings of subsidiaries	70,738	—	43,605	(114,343)	—
Net income (loss)	29,687	76,676	37,667	(114,343)	29,687
Net loss noncontrolling interests	—	—	(5,518)	—	(5,518)
Net income (loss) attributable to Titan	\$ 29,687	\$ 76,676	\$ 43,185	\$ (114,343)	\$ 35,205

TITAN INTERNATIONAL, INC.
NOTES TO CONSOLIDATED FINANCIAL STATEMENTS

Consolidating Condensed Statements of Operations
Year Ended December 31, 2012

(Amounts in thousands)

	Titan Intl., Inc. (Parent)	Guarantor Subsidiaries	Non-Guarantor Subsidiaries	Eliminations	Consolidated
Net sales	\$ —	\$ 1,325,145	\$ 495,533	\$ —	\$ 1,820,678
Cost of sales	1,065	1,051,447	474,027	—	1,526,539
Gross profit (loss)	(1,065)	273,698	21,506	—	294,139
Selling, general and administrative expenses	9,993	87,481	28,683	—	126,157
Research and development expenses	381	5,741	1,026	—	7,148
Royalty expense	—	7,029	5,231	—	12,260
Supply agreement termination income	—	—	(26,134)	—	(26,134)
Income (loss) from operations	(11,439)	173,447	12,700	—	174,708
Interest expense	(24,066)	—	(3,592)	—	(27,658)
Noncash Titan Europe gain	26,700	—	—	—	26,700
Gain on acquisition	11,678	—	—	—	11,678
Intercompany interest income (expense)	285	2,051	(2,336)	—	—
Other income (expense)	4,847	(716)	2,692	—	6,823
Income before income taxes	8,005	174,782	9,464	—	192,251
Provision for income taxes	19,327	60,488	6,798	—	86,613
Equity in earnings of subsidiaries	116,960	—	77,748	(194,708)	—
Net income (loss)	105,638	114,294	80,414	(194,708)	105,638
Net loss noncontrolling interests	—	—	—	(1,593)	(1,593)
Net income (loss) attributable to Titan	\$ 105,638	\$ 114,294	\$ 80,414	\$ (193,115)	\$ 107,231

Consolidating Condensed Statements of Comprehensive Income (Loss)
For the Year Ended December 31, 2014

(Amounts in thousands)

	Titan Intl., Inc. (Parent)	Guarantor Subsidiaries	Non-Guarantor Subsidiaries	Eliminations	Consolidated
Net income (loss)	\$ (130,425)	\$ (2,071)	\$ (131,337)	\$ 133,408	\$ (130,425)
Currency translation adjustment, net	(63,424)	—	(63,424)	63,424	(63,424)
Pension liability adjustments, net of tax	(5,129)	(4,557)	(572)	5,129	(5,129)
Comprehensive income (loss)	(198,978)	(6,628)	(195,333)	201,961	(198,978)
Net comprehensive loss attributable to noncontrolling interests	—	—	(68,856)	—	(68,856)
Comprehensive income (loss) attributable to Titan	\$ (198,978)	\$ (6,628)	\$ (126,477)	\$ 201,961	\$ (130,122)

TITAN INTERNATIONAL, INC.
NOTES TO CONSOLIDATED FINANCIAL STATEMENTS

Consolidating Condensed Statements of Comprehensive Income (Loss)
For the Year Ended December 31, 2013

(Amounts in thousands)

	Titan Intl., Inc. (Parent)	Guarantor Subsidiaries	Non-Guarantor Subsidiaries	Eliminations	Consolidated
Net income (loss)	\$ 29,687	\$ 76,676	\$ 37,667	\$ (114,343)	\$ 29,687
Unrealized gain (loss) on investments, net of tax	(3)	—	(3)	3	(3)
Currency translation adjustment, net	(24,287)	—	(24,287)	24,287	(24,287)
Pension liability adjustments, net of tax	14,749	11,472	3,277	(14,749)	14,749
Comprehensive income (loss)	20,146	88,148	16,654	(104,802)	20,146
Net comprehensive loss attributable to noncontrolling interests	—	—	(9,734)	—	(9,734)
Comprehensive income (loss) attributable to Titan	<u>\$ 20,146</u>	<u>\$ 88,148</u>	<u>\$ 26,388</u>	<u>\$ (104,802)</u>	<u>\$ 29,880</u>

Consolidating Condensed Statements of Comprehensive Income (Loss)
For the Year Ended December 31, 2012

(Amounts in thousands)

	Titan Intl., Inc. (Parent)	Guarantor Subsidiaries	Non-Guarantor Subsidiaries	Eliminations	Consolidated
Net income (loss)	\$ 105,638	\$ 114,294	\$ 80,414	\$ (194,708)	\$ 105,638
Unrealized gain (loss) on investments, net of tax	1,733	—	1,733	(1,733)	1,733
Noncash Titan Europe gain, net of tax	(17,208)	—	(17,208)	17,208	(17,208)
Currency translation adjustment, net	(7,191)	—	(7,191)	7,191	(7,191)
Pension liability adjustments, net of tax	(642)	954	(1,596)	642	(642)
Comprehensive income (loss)	82,330	115,248	56,152	(171,400)	82,330
Net comprehensive loss attributable to noncontrolling interests	—	—	—	(2,007)	(2,007)
Comprehensive income (loss) attributable to Titan	<u>\$ 82,330</u>	<u>\$ 115,248</u>	<u>\$ 56,152</u>	<u>\$ (169,393)</u>	<u>\$ 84,337</u>

TITAN INTERNATIONAL, INC.
NOTES TO CONSOLIDATED FINANCIAL STATEMENTS

Consolidating Condensed Balance Sheets
December 31, 2014

(Amounts in thousands)

	Titan Intl., Inc. (Parent)	Guarantor Subsidiaries	Non-Guarantor Subsidiaries	Eliminations	Consolidated
Assets					
Cash and cash equivalents	\$ 129,985	\$ 4	\$ 71,462	\$ —	\$ 201,451
Accounts receivable	(55)	63,645	135,788	—	199,378
Inventories	—	103,230	228,202	—	331,432
Prepaid and other current assets	26,803	21,105	55,761	—	103,669
Total current assets	156,733	187,984	491,213	—	835,930
Property, plant and equipment, net	7,590	160,318	359,506	—	527,414
Investment in subsidiaries	745,084	—	109,768	(854,852)	—
Other assets	51,381	827	80,172	—	132,380
Total assets	<u>\$ 960,788</u>	<u>\$ 349,129</u>	<u>\$ 1,040,659</u>	<u>\$ (854,852)</u>	<u>\$ 1,495,724</u>
Liabilities and Stockholders' Equity					
Short-term debt	\$ —	\$ —	\$ 26,233	\$ —	\$ 26,233
Accounts payable	1,795	10,876	133,634	—	146,305
Other current liabilities	28,519	45,291	55,208	—	129,018
Total current liabilities	30,314	56,167	215,075	—	301,556
Long-term debt	460,161	—	36,342	—	496,503
Other long-term liabilities	15,244	20,867	71,496	—	107,607
Intercompany accounts	(105,703)	(228,307)	334,010	—	—
Titan stockholders' equity	560,772	500,402	354,450	(854,852)	560,772
Noncontrolling interests	—	—	29,286	—	29,286
Total liabilities and stockholders' equity	<u>\$ 960,788</u>	<u>\$ 349,129</u>	<u>\$ 1,040,659</u>	<u>\$ (854,852)</u>	<u>\$ 1,495,724</u>

TITAN INTERNATIONAL, INC.
NOTES TO CONSOLIDATED FINANCIAL STATEMENTS

Consolidating Condensed Balance Sheets
December 31, 2013

(Amounts in thousands)

	Titan Intl., Inc. (Parent)	Guarantor Subsidiaries	Non-Guarantor Subsidiaries	Eliminations	Consolidated
Assets					
Cash and cash equivalents	\$ 81,472	\$ 4	\$ 107,884	\$ —	\$ 189,360
Restricted cash	—	—	14,268	—	14,268
Accounts receivable	—	89,259	173,794	—	263,053
Inventories	—	129,113	255,807	—	384,920
Prepaid and other current assets	80,876	20,416	54,985	—	156,277
Total current assets	162,348	238,792	606,738	—	1,007,878
Property, plant and equipment, net	9,885	206,928	421,994	—	638,807
Investment in subsidiaries	884,222	—	141,752	(1,025,974)	—
Other assets	34,259	387	139,900	—	174,546
Total assets	\$ 1,090,714	\$ 446,107	\$ 1,310,384	\$ (1,025,974)	\$ 1,821,231
Liabilities and Stockholders' Equity					
Short-term debt	\$ —	\$ —	\$ 75,061	\$ —	\$ 75,061
Accounts payable	368	12,525	163,826	—	176,719
Other current liabilities	15,278	58,001	61,512	—	134,791
Total current liabilities	15,646	70,526	300,399	—	386,571
Long-term debt	460,161	—	37,533	—	497,694
Other long-term liabilities	40,658	15,571	82,701	—	138,930
Intercompany accounts	(113,474)	(147,529)	261,003	—	—
Titan stockholders' equity	687,723	507,539	518,435	(1,025,974)	687,723
Noncontrolling interests	—	—	110,313	—	110,313
Total liabilities and stockholders' equity	\$ 1,090,714	\$ 446,107	\$ 1,310,384	\$ (1,025,974)	\$ 1,821,231

TITAN INTERNATIONAL, INC.
NOTES TO CONSOLIDATED FINANCIAL STATEMENTS

Consolidating Condensed Statements of Cash Flows
Year Ended December 31, 2014

(Amounts in thousands)

	Titan Intl., Inc. (Parent)	Guarantor Subsidiaries	Non-Guarantor Subsidiaries	Consolidated
Net cash provided by operating activities	\$ 51,113	\$ 7,977	\$ 54,982	\$ 114,072
Cash flows from investing activities:				
Capital expenditures	(914)	(8,584)	(48,941)	(58,439)
Acquisition of additional interest	(49)	—	(13,346)	(13,395)
Decrease in restricted cash deposits	—	—	14,268	14,268
Other, net	—	607	4,437	5,044
Net cash used for investing activities	(963)	(7,977)	(43,582)	(52,522)
Cash flows from financing activities:				
Proceeds from borrowings	—	—	15,708	15,708
Payment on debt	—	—	(60,345)	(60,345)
Proceeds from exercise of stock options	141	—	—	141
Excess tax benefit from stock options exercised	(672)	—	—	(672)
Payment of financing fees	(33)	—	—	(33)
Dividends paid	(1,073)	—	—	(1,073)
Net cash used for financing activities	(1,637)	—	(44,637)	(46,274)
Effect of exchange rate change on cash	—	—	(3,185)	(3,185)
Net increase (decrease) in cash and cash equivalents	48,513	—	(36,422)	12,091
Cash and cash equivalents, beginning of period	81,472	4	107,884	189,360
Cash and cash equivalents, end of period	\$ 129,985	\$ 4	\$ 71,462	\$ 201,451

TITAN INTERNATIONAL, INC.
NOTES TO CONSOLIDATED FINANCIAL STATEMENTS

Consolidating Condensed Statements of Cash Flows
Year Ended December 31, 2013

(Amounts in thousands)

	Titan Intl., Inc. (Parent)	Guarantor Subsidiaries	Non-Guarantor Subsidiaries	Consolidated
Net cash provided by (used for) operating activities	\$ (175,810)	\$ 28,834	\$ 263,625	\$ 116,649
Cash flows from investing activities:				
Capital expenditures	(6,290)	(29,087)	(44,754)	(80,131)
Acquisitions, net of cash acquired	—	—	(95,681)	(95,681)
Additional equity investment in Wheels India	—	—	(8,017)	(8,017)
Increase in restricted cash deposits	—	—	(14,473)	(14,473)
Insurance proceeds	—	—	2,879	2,879
Other, net	—	253	2,091	2,344
Net cash used for investing activities	(6,290)	(28,834)	(157,955)	(193,079)
Cash flows from financing activities:				
Proceeds from borrowings	745,313	—	43,391	788,704
Repurchase of senior notes	(558,360)	—	—	(558,360)
Payment on debt	—	—	(200,721)	(200,721)
Convertible note conversion	(14,090)	—	—	(14,090)
Capital contribution from noncontrolling interest	—	—	79,592	79,592
Proceeds from exercise of stock options	1,001	—	—	1,001
Excess tax benefit from stock options	(68)	—	—	(68)
Payment of financing fees	(12,332)	—	—	(12,332)
Dividends paid	(1,046)	—	—	(1,046)
Net cash provided by (used for) financing activities	160,418	—	(77,738)	82,680
Effect of exchange rate change on cash	—	—	(6,004)	(6,004)
Net increase (decrease) in cash and cash equivalents	(21,682)	—	21,928	246
Cash and cash equivalents, beginning of period	103,154	4	85,956	189,114
Cash and cash equivalents, end of period	\$ 81,472	\$ 4	\$ 107,884	\$ 189,360

TITAN INTERNATIONAL, INC.
NOTES TO CONSOLIDATED FINANCIAL STATEMENTS

Consolidating Condensed Statements of Cash Flows
Year Ended December 31, 2012

(Amounts in thousands)

	Titan Intl., Inc. (Parent)	Guarantor Subsidiaries	Non-Guarantor Subsidiaries	Consolidated
Net cash provided by (used for) operating activities	\$ (14,959)	\$ 35,327	\$ 109,800	\$ 130,168
Cash flows from investing activities:				
Capital expenditures	(6,931)	(36,025)	(22,784)	(65,740)
Acquisition, net of cash acquired	780	—	—	780
Other, net	—	698	368	1,066
Net cash used for investing activities	(6,151)	(35,327)	(22,416)	(63,894)
Cash flows from financing activities:				
Proceeds from borrowings	—	—	17,171	17,171
Payment of debt	—	—	(20,811)	(20,811)
Proceeds from exercise of stock options	934	—	—	934
Excess tax benefit from stock options	184	—	—	184
Payment of financing fees	(1,275)	—	—	(1,275)
Dividends paid	(845)	—	—	(845)
Net cash used for financing activities	(1,002)	—	(3,640)	(4,642)
Effect of exchange rate change on cash	—	—	(1,688)	(1,688)
Net increase (decrease) in cash and cash equivalents	(22,112)	—	82,056	59,944
Cash and cash equivalents, beginning of period	125,266	4	3,900	129,170
Cash and cash equivalents, end of period	\$ 103,154	\$ 4	\$ 85,956	\$ 189,114

TITAN INTERNATIONAL, INC.
SCHEDULE II – VALUATION AND QUALIFYING ACCOUNTS

Description	Balance at beginning of year	Additions to costs and expenses	Deductions	Balance at end of year
Year ended December 31, 2014				
Reserve deducted in the balance sheet from the assets to which it applies				
Allowance for doubtful accounts	\$ 5,287,000	\$ 536,000	\$ (117,000)	\$ 5,706,000
Year ended December 31, 2013				
Reserve deducted in the balance sheet from the assets to which it applies				
Allowance for doubtful accounts	\$ 5,130,000	\$ 2,984,000	\$ (2,827,000)	\$ 5,287,000
Year ended December 31, 2012				
Reserve deducted in the balance sheet from the assets to which it applies				
Allowance for doubtful accounts	\$ 4,204,000	\$ 1,240,000	\$ (314,000)	\$ 5,130,000

ADOPTED: May 18, 1993
AMENDED: May 19, 1994
AMENDED: May 19, 2007
AMENDED: May 15, 2014

**RESTATED BY-LAWS
OF
TITAN WHEEL INTERNATIONAL, INC.**

Article I
OFFICES

Section 1.1 Principal Office. The principal office of the corporation in the State of Illinois shall be located at 2701 Spruce Street in the City of Quincy and County of Adams. The corporation may have such other offices, either within or without the State of Illinois, as the business of the corporation may require from time to time.

Section 1.2 Registered Office. The registered office of the corporation required by the Illinois Business Corporation Act of 1983 (the "Act") to be maintained in the State of Illinois may be, but need not be, identical with the principal office in the State of Illinois, and the address of the registered office may be changed from time to time by the board of directors.

Article II
SHAREHOLDERS

Section 2.1 Annual Meetings. The annual meeting of the shareholders shall be held on the second Tuesday of the fifth calendar month after the end of the corporation's fiscal year at the hour of 10:00 A.M., or at such other date and time as the board of directors by resolution may provide, for the purpose of electing directors and for the transaction of such other business as may properly come before the meeting. If the day fixed for the annual meeting shall be a legal holiday, such meeting shall be held on the next succeeding business day. If the election of directors shall not be held on the day designated herein for any annual meeting, or at any adjournment thereof, the board of directors shall cause the election to be held at a meeting of the shareholders as soon thereafter as conveniently may be.

Section 2.2 Special Meetings. Special meetings of the shareholders may be called by the chairman (if such office is filled), the president, the board of directors, or the holders of not less than one-fifth of all the outstanding shares of the corporation entitled to vote for the purpose or purposes of the meeting.

Section 2.3 Inspectors. At any meeting of the shareholders, the chair of the meeting may, or upon the request of any shareholder shall, appoint one or more persons as inspectors for such meeting. Such inspectors shall ascertain and report the number of shares represented at the meeting, based upon their determination of the validity and effect of proxies; count all votes and report the results; and do all such other acts as are proper to conduct the election and voting with impartiality and fairness to all the shareholders. Each report of an inspector shall be in writing and signed by the inspector or by a majority of them if there be more than one inspector acting at such meeting. If there is more than one inspector, the report of a majority shall be the report of the inspectors. The report of the inspector or inspectors on the number of shares represented at the meeting and the results of the voting shall be prima facie evidence thereof.

Section 2.4 Place of Meeting. The board of directors may designate any place, either within or without the State of Illinois, as the place of meeting for any annual meeting or for any special meeting called by the board of directors. If no designation is made, or if a special meeting be otherwise called, the place of meeting shall be the registered office of the corporation in the State of Illinois.

Section 2.5 Notice of Meeting. Written notice stating the place, day and hour of the meeting, and in the case of a special meeting, the purpose or purposes for which the meeting is called, shall be delivered not less than ten (10) nor more than sixty (60) days before the date of the meeting, or in the case of a merger, consolidation, share exchange, dissolution or sale, lease or exchange of assets not less than twenty (20) nor more than sixty (60) days before the meeting, either personally or by mail, by or at the direction of the president, the secretary or the officer or persons calling the meeting, to each shareholder of record entitled to vote at such meeting. If mailed, such notice shall be deemed to be delivered when deposited in the United States mail, addressed to the shareholder at the shareholder's address as it appears on the records of the corporation, with postage thereon prepaid. When a meeting is adjourned to another time or place, notice need not be given of the adjourned meeting if the time and place thereof are announced at the meeting at which the adjournment is taken.

Section 2.6 Fixing of Record Date. For the purpose of determining shareholders entitled to notice of or to vote at any meeting of shareholders, or shareholders entitled to receive payment of any dividend, or in order to make a determination of shareholders for any other proper purpose, the board of directors of the corporation may fix in advance a date as the record date for any such determination of shareholders, such date in any case to be not more than sixty (60) days and, for a meeting of shareholders, not less than ten (10) days, or in the case of a merger, consolidation, share exchange, dissolution or sale, lease or exchange of assets, not less than twenty (20) days, immediately preceding such meeting. If no record date is fixed for the determination of shareholders entitled to notice of or to vote at a meeting of shareholders, or shareholders entitled to receive payment of a dividend, the date on which notice of the meeting is mailed or the date on which the resolution of the board of directors declaring such dividend is adopted, as the case may be, shall be the record date for such determination of shareholders. When a determination of shareholders entitled to vote at any meeting of shareholders has been made as provided in this Section, such determination shall apply to any adjournment thereof.

Section 2.7 Voting Lists. The officer or agent having charge of the transfer books for shares of the corporation shall make, within twenty (20) days after the record date for a meeting of shareholders or ten (10) days before each meeting, whichever is earlier, a complete list of the shareholders entitled to vote at such meeting, arranged in alphabetical order, with the address of and the number of shares held by each, which list, for a period of ten (10) days prior to such meeting, shall be kept on file at the registered office of the corporation and shall be subject to inspection by any shareholder, and to copying at the shareholder's expense, at any time during usual business hours. Such list shall also be produced and kept open at the time and place of the meeting and shall be subject to the inspection of any shareholder during the whole time of the meeting. The original share ledger or transfer book, or a duplicate thereof kept in the State of Illinois, shall be prima facie evidence as to who are the shareholders entitled to examine such lists or share ledger or transfer book or to vote at any meeting of shareholders. Failure to comply with the requirements of this Section shall not affect the validity of any action taken at such meeting.

Section 2.8 Quorum and Manner of Acting. A majority of the outstanding shares entitled to vote on a matter, represented in person or by proxy, shall constitute a quorum for consideration of such matter at a meeting of shareholders, but in no event shall a quorum consist of less than one third of the outstanding shares entitled so to vote. When the holders of a class or series of shares are entitled to vote separately on an item of business, this Section applies in determining the presence of a quorum of such class or series for transaction of such item of business. If less than a majority of the outstanding shares are represented at said meeting, a majority of the shares so represented may adjourn the meeting from time to time without further notice. If a quorum is present, the affirmative vote of the majority of the shares represented at the meeting and entitled to vote on a matter shall be the act of the shareholders, unless the vote of a greater number or voting by classes is required by the Act, the articles of incorporation or these by-laws. At any adjourned meeting at which a quorum shall be present, any business may be transacted which might have been transacted at the original meeting. Withdrawal of shareholders from any meeting shall not cause failure of a duly constituted quorum at that meeting.

Section 2.9 Proxies. At all meetings of shareholders, a shareholder may vote by proxy executed in writing by the shareholder or by the shareholder's duly authorized attorney-in-fact. Such proxy shall be filed with the secretary of the corporation before or at the time of the meeting. No proxy shall be valid after eleven months from the date of its execution, unless otherwise provided in the proxy.

Section 2.10 Voting of Shares. Except as otherwise provided by the articles of incorporation, these by laws, or the Act, each outstanding share, regardless of class, shall be entitled to one (1) vote upon each matter submitted to vote at a meeting of shareholders.

Section 2.11 Voting of Shares by Certain Holders.

(a) Shares registered in the name of another corporation, domestic or foreign, may be voted by any officer, agent, proxy or other legal representative authorized to vote such shares under the laws of incorporation of such corporation.

(b) Shares registered in the name of a deceased person, a minor, or a person under legal disability may be voted by that person's administrator, executor, or court appointed guardian either in person or by proxy without a transfer of such shares into the name of such administrator, executor, or court appointed guardian. Shares registered in the name of a trustee may be voted by such trustee, either in person or by proxy.

(c) Shares registered in the name of a receiver may be voted by such receiver, and shares held by or under the control of receiver may be voted by such receiver without the transfer thereof into the receiver's name if authority so to do is contained in an appropriate order of the court by which such receiver was appointed.

(d) A shareholder whose shares are pledged shall be entitled to vote such shares until the shares have been transferred into the name of the pledgee, and, thereafter, the pledgee shall be entitled to vote the shares so transferred.

(e) Shares of its own stock belonging to the corporation shall not be voted, directly or indirectly, at any meeting and shall not be counted in determining the total number of outstanding shares at any given time, but shares of its own stock held by it in a fiduciary capacity may be voted and shall be counted in determining the total number of outstanding shares entitled to vote at any given time.

Section 2.12 No Cumulative Voting. No holder of any shares of any class of stock of this corporation shall be entitled to cumulative voting rights in the election of the board of directors of the corporation under any circumstances.

Section 2.13 Informal Action by Shareholders. Unless otherwise provided by law or by the articles of incorporation, any action required to be taken at any annual or special meeting of the shareholders, or any other action which may be taken at a meeting of the shareholders, may be taken without a meeting and without a vote if a consent in writing, setting forth the action so taken, shall be signed (a) by the holders of outstanding shares having not less than the minimum number of votes that would be necessary to authorize or take such action at a meeting at which all shares entitled to vote thereon were present and voting or (b) by all of the shareholders entitled to vote with respect to the subject matter thereof. If such consent is signed by less than all the shareholders entitled to vote, then such consent shall become effective only if at least five (5) days prior to the execution of consent a notice in writing is delivered to all the shareholders entitled to vote with respect to the subject matter thereof and, after the effective date of the consent, prompt notice of the taking of the corporate action without a meeting by less than unanimous written consent shall be delivered in writing to those shareholders who have not consented in writing.

Section 2.14 Voting by Ballot. Voting on any question or in any election may be voice vote unless the presiding officer shall order or any shareholder shall demand that voting be by ballot.

Article III DIRECTORS

Section 3.1 General Powers. The business and affairs of the corporation shall be managed by or under the direction of its board of directors.

Section 3.2 Number, Tenure and Qualifications. The number of directors which shall constitute the whole board shall be such number as the board of directors may determine from time to time but shall not be less than five (5) nor more than nine (9). Directors need not be residents of Illinois or shareholders of the corporation. The term of office of each director shall be three (3) years, and as nearly as practicable, taking into account the increases or decreases in the number of directors constituting the board of directors, one-third of the board of directors shall be elected each year at the annual meeting. In the event of a change in the number of directors, the resolution effecting such change shall specify the years in which the terms of the directorships thereby created shall first expire.

Section 3.3 Annual and Regular Meetings. The annual meeting of the board of directors shall be held immediately after, and at the same place as, the annual meeting of shareholders. The board of directors may provide, by resolution, the time and place, either within or without the State of Illinois, for the holding of regular meetings.

Section 3.4 Special Meetings. Special meetings of the board of directors may be called by or at the request of the chairman of the board of directors, the president or any director. The person or persons authorized to call special meetings of the board of directors may fix any place, either within or without the State of Illinois, as the place for holding any special meeting of the board of directors called by them.

Section 3.5 Notice. No notice shall be required for regular meetings for which the time and place have been fixed. Notice of any special meeting of the board of directors shall be given at least two (2) days before the meeting or within such shorter period before the meeting as the person or persons calling such meeting deem appropriate in the circumstances. Such notice shall be delivered to each director personally, by mail to each director at his business address, by telegram, by telephone, by e-mail, or by facsimile transmission. Any director may waive notice of any meeting. The attendance of a director at any meeting shall constitute a waiver of notice of such meeting, except where a director attends a meeting for the express purpose of objecting to the transaction of any business presented because the meeting is not lawfully called or convened. Neither the business to be transacted at nor the purpose of any annual, regular or special meeting of the board of directors need be specified in the notice or waiver of notice of such meeting.

Section 3.6 Quorum. A majority of the number of directors then in office shall constitute a quorum for transaction of business at any meeting of the board of directors, provided, that if less than a majority of such number of directors are present at said meeting, a majority of the directors present may adjourn the meeting from time to time without further notice.

Section 3.7 Attendance by Communications Equipment. Unless specifically prohibited by the articles of incorporation, members of the board of directors, or of any committee of the board of directors, may participate in and act at any meeting of such board or committee through the use of a conference telephone, video conferencing or other communications equipment by means of which all persons participating in the meeting can hear each other. Participation in such a meeting shall constitute attendance and presence in person at the meeting of the person or persons so participating.

Section 3.8 Manner of Acting. The act of the majority of the directors present at a meeting at which a quorum is present shall be the act of the board of directors, unless the act of a greater number is required by statute, these bylaws or the articles of incorporation.

Section 3.9 Vacancies. Any vacancy occurring in the board of directors, including a vacancy occurring as a result of the removal of a director, and any directorship to be filled by reason of an increase in the number of directors, may be filled by election by the shareholders at an annual meeting or at a special meeting called for that purpose; provided, however, that vacancies occurring between meetings of shareholders by reason of an increase in the number of directors or otherwise, may be filled by the board of directors. A director elected to fill a vacancy shall hold office for the balance of the term for which he was elected. A director appointed to fill a vacancy shall serve until the next meeting of shareholders at which directors for such class are to be elected.

Section 3.10 Presumption of Assent. A director of the corporation who is present at a meeting of the board of directors at which action on any corporation matter is taken shall be conclusively presumed to have assented to the action taken unless the director's dissent shall be entered in the minutes of the meeting or unless such director shall file a written dissent to such action with the person acting as the secretary of the meeting before the adjournment thereof or shall forward such dissent by registered mail to the secretary of the corporation immediately after the adjournment of the meeting. Such right to dissent shall not apply to a director who voted in favor of such action.

Section 3.11 Committees.

(a) A majority of the directors may, by resolution, create one or more committees and appoint two or more members of the board to serve on the committee or committees at the pleasure of the board. Unless the appointment by the board of directors requires a great number, a majority of any committee shall constitute a quorum and a majority of a quorum is necessary for committee action. A committee may act by unanimous consent in writing without a meeting in a manner similar to the directors and, subject to the provisions of the bylaws or action by the board of directors, the committee by majority vote of its members shall determine the time and place of meetings and the notice required therefor.

(b) To the extent specified by the board of directors or in the articles of incorporation or these by-laws, each committee may exercise all of the authority of the board of directors in the management of the corporation; provided, however, that a committee may not: (i) authorize distributions, except for dividends to be paid with respect to shares of any preferred or special classes or any series thereof; (ii) approve or recommend to shareholders any act required by these bylaws or law to be approved by shareholders; (iii) fill vacancies on the board or any of its committees; (iv) elect or remove officers or fix the compensation of any member of the committee; (v) adopt, amend, or repeal these by-laws; (vi) approve a plan of merger not requiring shareholder approval; (vii) authorize or approve reacquisition of shares, except according to a general formula or method prescribed by the board; (viii) authorize or approve the issuance or sale, or contract for sale, of shares or determine the designation and relative rights, preferences, and limitations of a series of shares, except that the board may direct a committee to fix the specific terms of the issuance or sale or contract for sale or the number of shares to be allocated to particular employees under all employee benefit plan; or (ix) amend, alter, repeal, or take action inconsistent with any resolution or action of the board of directors when the resolution or action of the board of directors provides by its terms that it shall not be amended, altered or repealed by action of a committee. Vacancies in the membership of any committee shall be filled by the board of directors. Each committee shall keep regular minutes of its proceedings and report the content of the minutes to the board when required.

Section 3.12 Informal Action. Any action required to be taken at a meeting of the board of directors of the corporation, or any other action which may be taken at a meeting of the board of directors or a committee thereof, may be taken without a meeting if a consent in writing, setting forth the action so taken, shall be signed by all of the directors entitled to vote with respect to the subject matter thereof, or by all members of such committee, as the case may be. Such approval may be executed by the directors, in counterparts, each of which shall be an original but all of which together shall constitute one and the same approval. Signature thereon transmitted via facsimile or electronically (pdf) shall have the same legal effect as an original. All approvals evidencing consent shall be delivered to the secretary to be filed in the corporate records. The action taken shall be effective when all the directors have approved the consent unless the consent specifies a different effective date. Any consent signed by all of the directors or the members of a committee shall have the same effect as a unanimous vote and may be stated as such in any document filed with the Secretary of State of the State of Illinois or with anyone else.

Section 3.13 Resignation or Removal. A director may resign at any time upon written notice to the board of directors, its chair, if any, or the president or secretary of the corporation. A resignation shall be effective when notice is given unless the notice specifies a future date. No acceptance of the resignation is required. The pending vacancy resulting from a prospective resignation may be filled before the effective date, but the successor shall not take office until the effective date. One or more of the directors may be removed, with or without cause, at a meeting of shareholders, by the affirmative vote of the holders of a majority of the outstanding shares then entitled to vote at an election of directors; provided, however, that no director shall be removed at a meeting of shareholders unless the notice of such meeting shall state that a purpose of the meeting is to vote upon the removal of one or more directors named in the notice, and only the named director or directors may be removed at such meeting.

Section 3.14 Compensation. The board of directors, by affirmative vote of a majority of directors then in office, and irrespective of any personal interest of any of its members, shall have authority to establish reasonable compensation of all directors for services to the corporation as directors, officers or otherwise, notwithstanding any director conflict of interest. By resolution of the board of directors, the directors may be paid their expenses, if any, of attendance at each meeting of the board and of any committees thereof. No such payment previously mentioned in this Section shall preclude any director from serving the corporation in any other capacity and receiving compensation therefor.

Article IV OFFICERS

Section 4.1 Number. The board of directors shall elect a president, a secretary and a treasurer and from time to time, may elect a chairman of the board of directors, an honorary chairman of the board of directors, one or more vice presidents and such assistant secretaries, assistant treasurers and other officers, agents and employees as it may be elected or appointed by the board of directors. Any two or more offices may be held by the same person, except the offices of president and secretary.

Section 4.2 Election, Vacancies, and Term of Office. The officers of the corporation shall be elected annually by the board of directors at its annual meeting. If the election of officers shall not be held at such meeting, such election shall be held as soon thereafter as conveniently may be. Vacancies may be filled or new offices created and filled at any meeting of the board of directors. Each officer shall hold office until a successor shall have been duly elected and shall have qualified or until the officer's death or until the officer shall resign or shall have been removed in the manner hereinafter provided. Election or appointment of an officer or agent shall not of itself create contract rights. Any officer may resign at any time by giving notice, in writing, to the board of directors or to the president or the secretary. A resignation of an officer need not be accepted in order to be effective.

Section 4.3 Removal. Any officer or agent elected or appointed by the board of directors may be removed by the board of directors whenever in its judgment the best interests of the corporation would be served thereby, but such removal shall be without prejudice to the contract rights, if any, of the person so removed.

Section 4.4 Authority. All officers, employees and agents of the corporation shall have such authority and perform such duties in the conduct and management of the business and affairs of the corporation as may be designated by the board of directors and these by-laws.

Section 4.5 Chairman of the Board of Directors. The chairman of the board of directors, if a chairman of the board of directors has been elected and is serving, shall preside at all meetings of the shareholders and board of directors and shall perform such other duties as the board of directors may from time to time prescribe.

Section 4.6 President. In the event that a chairman has not been elected, then all of the duties of the chairman shall be performed by the president. The president shall be the chief executive officer of the corporation. In the absence of the chairman, the president shall preside at all meetings of the shareholders and of the board of directors. The president may sign, under or without the seal of the corporation, and either individually or with the secretary, an assistant secretary or any other proper officer of the corporation thereunto duly authorized by the board of directors, certificates for shares of the corporation, any deeds, mortgages, bonds, contracts or other instruments which the board of directors has authorized to be executed except in cases where the execution thereof shall be expressly delegated by the board of directors or by these by-laws to some other officer or agent of the corporation or shall be required by law to be otherwise executed. In general, the president shall see that all orders and resolutions of the board are carried into effect, shall perform all duties incident to and shall have the general powers of supervision and management usually vested in the office of president and chief executive officer of a corporation, and shall perform such other duties as may be prescribed from time to time by the board of directors.

Section 4.7 Vice Presidents. In the absence of the president or in the event of his inability or refusal to act, the vice president (or in the event there be more than one vice president, the vice presidents in the order designated by the board of directors, or in the absence of any designation, then in the order of their election) shall perform the duties of the president, including, without limitation, the duties of the chairman if and as assumed by the president as a result of the absence of the chairman or his inability or refusal to act, and the vice president, when so acting, shall have all of the powers and be subject to all the restrictions upon the president. Except in those instances in which the authority to execute is expressly delegated to another officer or agent of the corporation or a different mode of execution is expressly prescribed by the board of directors or these bylaws, the vice president may execute for the corporation certificates for its shares and any contracts, deeds, mortgages, bonds or other instruments that the board of directors has authorized be executed. The vice president may accomplish such execution either under or without the seal of the corporation and either individually or with the secretary, any assistant secretary, or any other officer thereunto authorized by the board of directors, according to the requirements of the form of the instrument. Each vice president shall perform such other duties as from time to time may be assigned to him by the president or the board of directors.

Section 4.8 Treasurer. If required by the board of directors, the treasurer shall give a bond for the faithful discharge of his duties in such sum and with such surety or sureties as the board of directors shall determine. The treasurer shall have charge and custody of and be responsible for all funds and securities of the corporation, receive and give receipts for money due and payable to the corporation from any source whatsoever, and deposit all such moneys in the name of the corporation in such banks, trust companies or other depositories as shall be selected in accordance with the provisions of these by-laws. The treasurer shall in general perform all the duties incident to the office of treasurer and such other duties as from time to time may be assigned to the treasurer by the president or the board of directors.

Section 4.9 Secretary. The secretary shall: (a) keep records of corporate action, including the minutes of meetings of the shareholders and the board of directors in one or more books provided for that purpose; (b) see that all notices are duly given in accordance with the provisions of these by-laws or as required by law; (c) be custodian of the corporate records and of the seal of the corporation and see that the seal of the corporation is affixed to all certificates for shares prior to the issuance thereof and to all documents, the execution of which on behalf of the corporation under its seal is duly authorized in accordance with the provisions of these by-laws; (d) keep a register of the post office address of such shareholder which shall be furnished to the secretary by such shareholder; (e) sign, with the chairman, the president or a vice president, certificates for shares of the corporation, the issuance of which shall have been authorized by resolution of the board of directors; (f) have general charge of the stock transfer books of the corporation; and (g) in general, perform all duties incident to the office of secretary and such other duties as from time to time may be assigned to the secretary by the chairman, the president or the board of directors.

Section 4.10 Assistant Treasurers and Assistant Secretaries. The assistant treasurers shall, if required by the board of directors, give bonds for the faithful discharge of their duties in such sums and with such sureties as the board of directors shall determine. The assistant secretaries as thereunto authorized by the board of directors may sign, with the chairman, the president or a vice president, certificates for shares of the corporation, the issuance of which shall have been authorized by a resolution of the board of directors. The assistant treasurers and assistant secretaries in general shall perform such duties as shall be assigned to them by the treasurer or the secretary, respectively, or by the president, the chairman of the board or the board of directors.

Section 4.11 Salaries. The salaries of the officers of the corporation shall be fixed from time to time by the board of directors and no officer shall be prevented from receiving such salary by reason of the fact that he is also a director of the corporation.

Article V
CONTRACTS, LOANS, CHECKS,
DEPOSITS & VOTING SECURITIES

Section 5.1 Contracts. The board of directors may authorize any officer or officers, agent or agents, to enter into any contract or execute and deliver any instrument in the name of and on behalf of the corporation, and such authority may be general or confined to specific instances. When the execution of any instrument has been authorized without specification of the executing officers or agents, the chairman of the board, the president or any vice president, and the secretary or assistant secretary or treasurer or assistant treasurer, may execute the same in the name and on behalf of this corporation and may affix the corporate seal thereto.

Section 5.2 Loans. No loans shall be contracted on behalf of the corporation and no evidences of indebtedness shall be issued in its name unless authorized by a resolution of the board of directors. Such authority may be general or confined to specific instances.

Section 5.3 Checks, Drafts, Etc. All checks, drafts or other orders for the payment of money, notes or other evidences of indebtedness issued in the name of the corporation, shall be signed by such officer or officers, agent or agents of the corporation and in such manner as shall from time to time be determined by resolution of the board of directors.

Section 5.4 Deposits. All funds of the corporation not otherwise employed shall be deposited from time to time to the credit of the corporation in such banks, trust companies or other depositaries as the board of directors may select.

Section 5.5 Voting Securities Held by the Corporation. Unless otherwise ordered by the board of directors, either the chairman or the president or, in the event of such officer's inability to act, the vice president having authority under these by-laws to act in the absence of the president, shall have full power and authority on behalf of the corporation to attend, act and vote at any meetings of security holders of corporations in which the corporation may hold securities and at such meetings or otherwise shall possess and may exercise any and all rights and powers incident to the ownership of such securities. The power and authority to attend, act and vote at meetings shall include the power and authority to consent, on behalf of the corporation, with respect to securities of other corporations held by the corporation. The board of directors by resolution from time to time may confer like powers upon any other person or persons.

Article VI
CERTIFICATES FOR SHARES AND THEIR TRANSFER

Section 6.1 Issuance of Shares. The shares of capital stock of the corporation shall be issued in such amounts, at such times, for such consideration and on such terms and conditions as the board of directors shall deem advisable, subject to the articles of incorporation and any requirements of the laws of the State of Illinois.

Section 6.2 Certificates For Shares. The issued shares of the corporation shall be represented by certificates or shall be uncertificated shares. A certificate shall be in such form as may be determined by the board of directors. Such certificates shall be signed by the president or a vice president and by the secretary or an assistant secretary any or all of whose signatures may be by facsimile if such certificate is countersigned by a transfer agent or registered by a registrar. All certificates for shares shall be consecutively numbered or otherwise identified. The registered holder's name, the number of shares, the date of issuance, the class of shares and the designation of any series it evidences, shall (a) appear on the face of such certificate and (b) be entered on the books of the corporation. All certificates surrendered to the corporation for transfer shall be cancelled and no new certificate shall be issued until the former certificate for a like number of shares shall have been surrendered and cancelled, except that in case of a lost, destroyed or mutilated certificate a new one may be issued therefor upon such terms and indemnity to the corporation as the board of directors may prescribe.

Section 6.3 Transfers of Shares. Transfers of shares of the corporation shall be made only on the books of the corporation by the holder of record thereof or by such holder's legal representative, who shall furnish proper evidence of authority to transfer, or by such holder's attorney thereunto authorized by power of attorney duly executed and filed with the secretary of the corporation, and on surrender for cancellation of the certificate for such shares. The person in whose name shares stand on the books of the corporation shall be deemed the owner thereof for all purposes as regards the corporation.

Section 6.4 Lost Certificates. If a certificate representing shares has allegedly been lost or destroyed, the board of directors may in its discretion, except as may be required by law, direct that a new certificate be issued upon such indemnification and other reasonable requirements as it may propose.

Article VII FISCAL YEAR

The fiscal year of the corporation shall be determined by the board of directors.

Article VIII DIVIDENDS

The board of directors may from time to time declare, and the corporation may pay, dividends on its outstanding shares, subject to any terms and conditions provided by law and the articles of incorporation.

Article IX SEAL

The board of directors, at the secretary's discretion, may have, but shall not be required to have, a corporate seal which, if obtained, shall be in the form of a circle and shall have inscribed thereon the name of the corporation and the words, "Corporate Seal, Illinois." The use thereof shall be determined from time to time by the officer or officers executing and delivering instruments on behalf of the corporation; provided, however, that the affixing of the corporate seal to an instrument shall not give the instrument additional force or effect, or change the construction thereof, and the use of the corporate seal is not mandatory. The seal, if any, may be used by causing it or a facsimile thereof to be impressed or affixed or in any other manner reproduced.

Article X
WAIVER OF NOTICE

Whenever any notice whatever is required to be given under the provisions of these by-laws or under the provisions of the articles of incorporation or under the provisions of the Act, a waiver thereof in writing, signed by the person or persons entitled to such notice, whether before or after the time stated therein, shall be deemed equivalent to the giving of such notice. Attendance by a person at any meeting shall constitute waiver of notice thereof unless at the meeting such person objects to the holding of the meeting because proper notice was not given.

Article XI
INDEMNIFICATION

Section 11.1 Non-Derivative Actions. The corporation shall indemnify any person who was or is a party, or is threatened to be made a party to any threatened, pending or completed action, suit or proceeding, whether civil, criminal, administrative or investigative (other than an action by or in the right of corporation) by reason of the fact that that person is or was a director or officer of the corporation, or is or was serving at the request of the corporation as a director, officer, employee or agent of another corporation, partnership, joint venture, trust or other enterprise, against expenses (including attorneys' fees), judgments, fines and amounts paid in settlement actually and reasonably incurred by such person in connection with such action, suit or proceeding if such person acted in good faith and in a manner the person reasonably believed to be in or not opposed to the best interests of the corporation, and, with respect to any criminal action or proceeding, had no reasonable cause to believe the conduct was unlawful. The termination of any action, suit or proceeding by judgment, order, settlement, conviction, or upon a plea of nolo contendere or its equivalent, shall not, of itself, create a presumption that the person did not act in good faith and in a manner that the person reasonably believed to be in or not opposed to the best interests of the corporation or, with respect to any criminal action or proceeding, that the person had reasonable cause to believe that the conduct was unlawful.

Section 11.2 Derivative Actions. The corporation shall indemnify any person who was or is a party, or is threatened to be made a party to any threatened, pending or completed action or suit by or in the right of the corporation to procure a judgment in its favor by reason of the fact that such person is or was a director or officer of the corporation, or is or was serving at the request of the corporation as a director, officer, employee or agent of another corporation, partnership, joint venture, trust or other enterprise, against expenses (including attorney's fees) actually and reasonably incurred by such person in connection with the defense or settlement of such action or suit, if such person acted in good faith and in a manner the person reasonably believed to be in or not opposed to the best interests of the corporation; provided, however, that no indemnification shall be made in respect of any claim, issue or matter as to which such person shall have been adjudged to be liable to the corporation unless and only to the extent that the court in which such action or suit was brought shall determine upon application that, despite the adjudication of liability, but in view of all the circumstances of the case, such person is fairly and reasonably entitled to indemnity for such expenses as the court shall deem proper.

Section 11.3 Employees and Agents. The corporation may indemnify any person who is or was an employee or agent of the corporation, or is or was an employee of the corporation serving at the request of the corporation as a director, officer, or employee of another corporation, partnership, joint venture, trust, or other enterprise, to the extent and under the circumstances provided by Sections 11.1 and 11.2 of this Article XI with respect to a person who is or was a director or officer of the corporation. To the extent that a present or former employee of the corporation has been successful on the merits or otherwise in defense of any action, suit, or proceeding referred to in Sections 11.1, 11.2 or 11.3 of this Article XI, or in defense of any claim, issue or matter therein, such person shall be indemnified against expenses (including attorneys' fees) actually and reasonably incurred by such person in connection therewith, if the person acted in good faith and in a manner that person reasonably believed to be in, or not opposed to, the best interests of the corporation.

Section 11.4 Determination that Indemnification is Proper. Any indemnification under Sections 11.1, 11.2 and 11.3 (unless ordered by a court) shall be made by the corporation only as authorized in the specific case, upon a determination that indemnification of the present or former director, officer, employee or agent is proper in the circumstances because the person has met the applicable standard of conduct set forth herein. Such determination shall be made (a) by a majority vote of the directors who are or were not parties to such action, suit or proceeding even though less than a quorum, or (b) if there are no such directors or if the directors so direct, by independent legal counsel in a written opinion; or (c) by the shareholders.

Section 11.5 Expense Advance. Expenses (including legal fees) incurred by an officer or director in defending a civil or criminal action, suit or proceeding shall be paid by the corporation in advance of the final disposition of such action, suit or proceeding, as authorized by the board of directors in the specific case, upon receipt of any undertaking by or on behalf of the director, officer, employee or agent to repay such amount, if it shall ultimately be determined that such person is not entitled to be indemnified by the corporation as authorized in this Article XI. Such expenses (including attorneys' fees) incurred by former directors and officers or other employees and agents of the corporation or by persons serving at the request of the corporation as directors, officers, employees or agents of another corporation, partnership, joint venture, trust or other enterprise may be so paid on such terms and conditions, if any, as the corporation deems appropriate.

Section 11.6 Non-Exclusivity of Rights. The indemnification and advancement of expenses provided by this Article XI shall not be deemed exclusive of any other rights to which one seeking indemnification or advance of expense may be entitled under any by-law, agreement, vote of shareholders or disinterested directors, or otherwise, both as to action in the person's official capacity and as to action in another capacity while holding such office, and shall continue as to a person who has ceased to be a director, officer, employee or agent and shall inure to the benefit of the heirs, executors and administrators of such a person. A right to indemnification or to an advancement of expenses arising under a provision of the articles of incorporation or these bylaws shall not be eliminated or impaired by an amendment to such provision after the occurrence of the act or omission that is the subject of the civil, criminal, administrative, or investigative action, suit, or proceeding for which indemnification or advancement of expenses is sought, unless the provision in effect at the time of such act or omission explicitly authorizes such elimination or impairment after such act or omission has occurred.

Section 11.7 Insurance. The corporation may purchase and maintain insurance on behalf of any person who is or was a director, officer, employee or agent of the corporation, or who is or was serving at the request of the corporation as a director, officer, employee or agent of another corporation, partnership, joint venture, trust or other enterprise, against any liability asserted against such person and incurred by such person in any such capacity, or arising out of the person's status as such, whether or not the corporation would have the power to indemnify such person against such liability under the provisions of this Article XI or the laws of the State of Illinois.

Section 11.8 Report to Shareholders. If the corporation has paid indemnity or has advanced expenses to a director, officer, employee or agent, the corporation shall report the indemnification or advance in writing to the shareholders with or before the notice of the next shareholders meeting.

Section 11.9 Contract Right; Limitation on Indemnity. The right to indemnification conferred in this Article XI shall be a contract right, and shall apply to services of a director or officer as an employee or agent of the corporation as well as in such person's capacity as a director or officer. Except as provided in Section 11.3, the corporation shall have no obligations under this Article XI to indemnify any person in connection with any proceeding, or part thereof, initiated by such person without authorization by the board of directors.

Section 11.10 Changes in Illinois Law. In the event of any change of the Illinois statutory provisions applicable to the corporation relating to the subject matter of Article XI of these by-laws, then the indemnification to which any person shall be entitled hereunder shall be determined by such changed provisions, but only to the extent that any such change permits the corporation to provide broader indemnification rights than such provisions permitted the corporation to provide prior to any such change. Subject to Section 11.11, the board of directors is authorized to amend these bylaws to conform to any such changed statutory provisions.

Section 11.11 Amendment or Repeal of Article XI. No amendment or repeal of this Article XI shall apply to or have any effect on any director or officer of the corporation for or with respect to any acts or omissions of such officer or director occurring prior to such amendment or repeal.

Section 11.12 Definitions. For purposes of this Article:

(a) References to "the corporation" shall include, in addition to the surviving corporation, any merging corporation (including any entity having merged with a merging corporation) absorbed in a merger which, if its separate existence had continued, would have had the power and authority to indemnify its directors, officers, and employees or agents, so that any person who is a director, officer, employee or agent of such merging corporation, or was serving at the request of such merging corporation as a director, officer, employee or agent of another corporation, partnership, joint venture, trust or other enterprise, shall stand in the same position under the provisions of this Article XI with respect to the resulting or surviving corporation as such person would have had with respect to such merging corporation if its separate existence had continued.

(b) References to “other enterprises” shall include employee benefit plans.

(c) References to "fines" shall include any excise taxes assessed on a person with respect to an employee benefit plan, and references to "serving at the request of the corporation" shall include any service as a director, officer, employee or agent of the corporation which imposes duties on, involves services by such director, officer, employee, or agent with respect to an employee benefit plan, its participants, or beneficiaries. A person who acted in good faith and in a manner he or she reasonably believed to be in the best interests of the participants and beneficiaries of an employee benefit plan shall be deemed to have acted in a manner "not opposed to the best interest of the corporation" as referred to in this Article XI.

Article XII

AMENDMENTS

Subject to Section 11.12, the by-laws of the corporation may be amended, altered or repealed, in whole or in part, by the shareholders or by the board of directors at any meeting duly held in accordance with these by-laws, provided that notice of the meeting includes notice of the proposed amendments, alterations, or repeal.

**TITAN INTERNATIONAL, INC.
SUBSIDIARIES**

<u>Name</u>	<u>Jurisdiction of Incorporation</u>
Titan Tire Corporation	Illinois
Titan Tire Corporation of Freeport	Illinois
Titan Tire Corporation of Bryan	Ohio
Titan Tire Corporation of Union City	Tennessee
Titan Wheel Corporation of Illinois	Illinois
Titan Pneus Do Brasil Ltda	Brazil
Titan Europe Plc	United Kingdom
Titan Steel Wheels Ltd	United Kingdom
Intertractor America Corporation	Delaware
Piezas Y Rodajes SA	Spain
Titan Intertractor GMBH	Germany
ITM Latin America Industria De Pecas Para Tractores Ltda	Brazil
Titan Italia Spa	Italy
Italtractor ITM S.p.A.	Italy
Titan ITM Holding S.p.A.	Italy
Volytre-Prom	Russian Federation
Titan Tire Russia B.V.	Netherlands
TMSA Holdings PTY Ltd	Australia
Titan National (Australia) Holdings PTY Ltd	Australia
Titan International, Inc.	Illinois
Titan Marketing Services, Inc.	Illinois
Titan Investment Corporation	Illinois
Titan International SCS	Luxembourg
Titan Luxembourg Holding SARL	Luxembourg
Titan International Bermuda LP	Bermuda
Titan Luxembourg, SARL	Luxembourg

CERTIFICATION

I, Maurice M. Taylor Jr., certify that:

1. I have reviewed this annual report on Form 10-K of Titan International, Inc.;
2. Based on my knowledge, this report does not contain any untrue statement of a material fact or omit to state a material fact necessary to make the statements made, in light of the circumstances under which such statements were made, not misleading with respect to the period covered by this report;
3. Based on my knowledge, the financial statements, and other financial information included in this report, fairly present in all material respects the financial condition, results of operations and cash flows of the registrant as of, and for, the periods presented in this report;
4. The registrant's other certifying officer and I are responsible for establishing and maintaining disclosure controls and procedures (as defined in Exchange Act Rules 13a-15(e) and 15d-15(e)) and internal control over financial reporting (as defined in Exchange Act Rules 13a-15(f) and 15d-15(f)) for the registrant and have:
 - a. Designed such disclosure controls and procedures, or caused such disclosure controls and procedures to be designed under our supervision, to ensure that material information relating to the registrant, including its consolidated subsidiaries, is made known to us by others within those entities, particularly during the period in which this report is being prepared;
 - b. Designed such internal control over financial reporting, or caused such internal control over financial reporting to be designed under our supervision, to provide reasonable assurance regarding the reliability of financial reporting and the preparation of financial statements for external purposes in accordance with generally accepted accounting principles;
 - c. Evaluated the effectiveness of the registrant's disclosure controls and procedures and presented in this report our conclusions about the effectiveness of the disclosure controls and procedures, as of the end of the period covered by this report based on such evaluation; and
 - d. Disclosed in this report any change in the registrant's internal control over financial reporting that occurred during the registrant's most recent fiscal quarter (the registrant's fourth fiscal quarter in the case of an annual report) that has materially affected, or is reasonably likely to materially affect, the registrant's internal control over financial reporting; and
5. The registrant's other certifying officer and I have disclosed, based on our most recent evaluation of internal control over financial reporting, to the registrant's auditors and the audit committee of registrant's board of directors (or persons performing the equivalent function):
 - a. All significant deficiencies and material weaknesses in the design or operation of internal control over financial reporting which are reasonably likely to adversely affect the registrant's ability to record, process, summarize and report financial information; and
 - b. Any fraud, whether or not material, that involves management or other employees who have a significant role in the registrant's internal control over financial reporting.

Date: February 26, 2015

By: /s/ MAURICE M. TAYLOR JR.

Maurice M. Taylor Jr.
Chief Executive Officer and Chairman
(Principal Executive Officer)

CERTIFICATION

I, John Hrudicka, certify that:

1. I have reviewed this annual report on Form 10-K of Titan International, Inc.;
2. Based on my knowledge, this report does not contain any untrue statement of a material fact or omit to state a material fact necessary to make the statements made, in light of the circumstances under which such statements were made, not misleading with respect to the period covered by this report;
3. Based on my knowledge, the financial statements, and other financial information included in this report, fairly present in all material respects the financial condition, results of operations and cash flows of the registrant as of, and for, the periods presented in this report;
4. The registrant's other certifying officer and I are responsible for establishing and maintaining disclosure controls and procedures (as defined in Exchange Act Rules 13a-15(e) and 15d-15(e)) and internal control over financial reporting (as defined in Exchange Act Rules 13a-15(f) and 15d-15(f)) for the registrant and have:
 - a. Designed such disclosure controls and procedures, or caused such disclosure controls and procedures to be designed under our supervision, to ensure that material information relating to the registrant, including its consolidated subsidiaries, is made known to us by others within those entities, particularly during the period in which this report is being prepared;
 - b. Designed such internal control over financial reporting, or caused such internal control over financial reporting to be designed under our supervision, to provide reasonable assurance regarding the reliability of financial reporting and the preparation of financial statements for external purposes in accordance with generally accepted accounting principles;
 - c. Evaluated the effectiveness of the registrant's disclosure controls and procedures and presented in this report our conclusions about the effectiveness of the disclosure controls and procedures, as of the end of the period covered by this report based on such evaluation; and
 - d. Disclosed in this report any change in the registrant's internal control over financial reporting that occurred during the registrant's most recent fiscal quarter (the registrant's fourth fiscal quarter in the case of an annual report) that has materially affected, or is reasonably likely to materially affect, the registrant's internal control over financial reporting; and
5. The registrant's other certifying officer and I have disclosed, based on our most recent evaluation of internal control over financial reporting, to the registrant's auditors and the audit committee of registrant's board of directors (or persons performing the equivalent function):
 - a. All significant deficiencies and material weaknesses in the design or operation of internal control over financial reporting which are reasonably likely to adversely affect the registrant's ability to record, process, summarize and report financial information; and
 - b. Any fraud, whether or not material, that involves management or other employees who have a significant role in the registrant's internal control over financial reporting.

Date: February 26, 2015

By: /s/ JOHN HRUDICKA

John Hrudicka
Chief Financial Officer
(Principal Financial Officer)

CERTIFICATION

In connection with the Annual Report of Titan International, Inc. on Form 10-K for the period ended December 31, 2014, as filed with the Securities and Exchange Commission on the date hereof (the "Report"), each of the undersigned hereby certifies that, to the best of their knowledge, this Report fully complies with the requirements of Section 13(a) of the Securities Exchange Act of 1934 and that information contained in this report fairly presents, in all material respects, the financial condition and results of operations of the Registrant.

TITAN INTERNATIONAL, INC.
(Registrant)

Date: February 26, 2015

By: /s/ MAURICE M. TAYLOR JR.

Maurice M. Taylor Jr.
Chairman and Chief Executive Officer
(Principal Executive Officer)

By: /s/ JOHN HRUDICKA

John Hrudicka
Chief Financial Officer
(Principal Financial Officer)

