

PATENT ASSIGNMENT

Electronic Version v1.1
 Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	Amended and Restated Intellectual Property Security Agreement dated April 6, 2006

CONVEYING PARTY DATA

Name	Execution Date
AMSTED INDUSTRIES INCORPORATED	04/06/2006
AMCONSTRUCT CORPORATION	04/06/2006
AMRAIL CORPORATION	04/06/2006
AMVEHICLE CORPORATION	04/06/2006
ABC RAIL PRODUCTS CHINA INVESTMENT CORPORATION	04/06/2006
ASF-KEYSTONE, INC.	04/06/2006
ASF-KEYSTONE MEXICO HOLDING CORP.	04/06/2006
BALTIMORE AIRCOIL COMPANY, INC.	04/06/2006
BRENCO, INCORPORATED	04/06/2006
BURGESS-NORTON MFG. CO., INC.	04/06/2006
CALERA ACQUISITION CO.	04/06/2006
CONSOLIDATED METCO, INC.	04/06/2006
DIAMOND CHAIN COMPANY	04/06/2006
GRIFFIN PIPE PRODUCTS CO., INC.	04/06/2006
GRIFFIN WHEEL COMPANY, INC.	04/06/2006
MEANS INDUSTRIES, INC.	04/06/2006
MERIDIAN RAIL CHINA INVESTMENT CORP.	04/06/2006
TRANSFORM AUTOMOTIVE LLC	04/06/2006
UNITED RAIL ANCHOR COMPANY, INC.	04/06/2006
VARLEN CORPORATION	04/06/2006

RECEIVING PARTY DATA

Name:	CITIICORP NORTH AMERICA, INC.
Street Address:	388 Greenwich Street
City:	New York
State/Country:	NEW YORK
Postal Code:	10013

PROPERTY NUMBERS Total: 234

500093099

**PATENT
 REEL: 017448 FRAME: 0376**

OP \$9360.00 10618232

Property Type	Number
Application Number:	10618232
Application Number:	11303894
Application Number:	10770463
Application Number:	10873126
Application Number:	11335811
Application Number:	11216707
Application Number:	11201814
Application Number:	10786142
Application Number:	10545240
Application Number:	11352978
Application Number:	60454661
Application Number:	60454695
Application Number:	10661890
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Application Number:	10414415
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Patent Number:	6869257

CORRESPONDENCE DATA

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Address Line 1: 599 Lexington Avenue
Address Line 2: Shearman & Sterling LLP
Address Line 4: New York, NEW YORK 10022

ATTORNEY DOCKET NUMBER:	48/574
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NAME OF SUBMITTER:

Alexandro M. Padres

Total Attachments: 44

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**AMENDED AND RESTATED INTELLECTUAL PROPERTY SECURITY
AGREEMENT**

This AMENDED AND RESTATED INTELLECTUAL PROPERTY SECURITY AGREEMENT (as amended, amended and restated, supplemented or otherwise modified from time to time, the "*IP Security Agreement*") dated April 6, 2006, is made by the Persons listed on the signature pages hereof (collectively, the "*Grantors*") in favor of Citicorp North America, Inc. ("*CNAI*"), as collateral agent (the "*Collateral Agent*") for the Secured Parties (as defined in the Credit Agreement referred to below).

WHEREAS, Amsted Industries Incorporated (the "*Borrower*"), a Delaware corporation, has entered into a Second Amended and Restated Credit Agreement dated as of April 6, 2006 with the Lender Parties thereto and CNAI as Collateral Agent (as amended, amended and restated, supplemented or otherwise modified from time to time, the "*Credit Agreement*") amending and restating in its entirety the Credit Agreement dated August 13, 1999 as amended and restated from time to time (the "*Original Credit Agreement*").

WHEREAS, in connection with the Original Credit Agreement, the Grantors have entered into a Security Agreement dated September 29, 2000 (the "*Original Security Agreement*").

WHEREAS, under the terms of the Original Security Agreement, Grantors have granted a security interest in, among other property, certain intellectual property of the Grantors to the Collateral Agent for the ratable benefit of the Secured Parties, and agreed as a condition thereof to execute an Intellectual Property Security Agreement, dated September 29, 2000 (the "*Original IP Agreement*") covering such intellectual property for recording with the U.S. Patent and Trademark Office, the United States Copyright Office and other governmental authorities,

WHEREAS, the Original Security Agreement has been amended and restated in its entirety by the Amended and Restated Security Agreement dated as of April 6, 2006 (the "*Amdended and Restated Security Agreement*").

WHEREAS, in connection with the execution of the Amended and Restated Security Agreement, the parties to the Original IP Agreement wish to amend and restate the Original IP Agreement in its entirety to read as set forth in this Amended and Restated Intellectual Property Security Agreement.

NOW, THEREFORE, for good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, the Original IP Agreement is hereby amended and restated as follows:

SECTION 1. Grant of Security. Pursuant to the Original IP Agreement each Grantor granted to the Collateral Agent for the ratable benefit of the Secured Parties a security interest in, and each Grantor hereby ratifies and confirms such grant of security interest in, and to all of such Grantor's right, title and interest in and to the following (the "*Collateral*"):

(i) the United States patents and patent applications set forth in Schedule A hereto (as such Schedule A may be supplemented from time to time by supplements to the Security Agreement and this IP Security Agreement, each such supplement being in substantially the form of Exhibit D to the Security Agreement (an “*IP Security Agreement Supplement*”), executed and delivered by such Grantor to the Collateral Agent from time to time), together with all reissues, divisions, continuations, continuations-in-part, extensions and reexaminations thereof, and all rights therein provided by international treaties or conventions (the “*Patents*”);

(ii) the United States trademark and service mark registrations and applications therefor set forth in Schedule B hereto (as such Schedule B may be supplemented from time to time by IP Security Agreement Supplements executed and delivered by such Grantor to the Collateral Agent from time to time) (the “*Trademarks*”);

(iii) the United States copyright registrations and applications set forth in Schedule C hereto (as such Schedule C may be supplemented from time to time by IP Security Agreement Supplements executed and delivered by such Grantor to the Collateral Agent from time to time) (the “*Copyrights*”);

(iv) any and all claims for damages for past, present and future infringement, misappropriation or breach with respect to the Patents, Trademarks and Copyrights, with the right, but not the obligation, to sue for and collect, or otherwise recover, such damages; and

(v) any and all proceeds of the foregoing.

Section 2. Security for Obligations. The pledge and assignment of, and the grant of a security interest in, the Collateral by each Grantor under this IP Security Agreement secures the payment of all Obligations of such Grantor now or hereafter existing under or in respect of the Loan Documents, whether direct or indirect, absolute or contingent, and whether for principal, reimbursement obligations, interest, premiums, penalties, fees, indemnifications, contract causes of action, costs, expenses or otherwise. Without limiting the generality of the foregoing, this IP Security Agreement secures, as to each Grantor, the payment of all amounts that constitute part of the Secured Obligations and that would be owed by such Grantor to any Secured Party under the Loan Documents but for the fact that such Secured Obligations are unenforceable or not allowable due to the existence of a bankruptcy, reorganization or similar proceeding involving a Loan Party.

SECTION 3. Recordation. Each Grantor authorizes and requests that the Register of Copyrights, the Director of Patents and Trademarks and any other applicable government officer record this IP Security Agreement.

SECTION 4. Execution in Counterparts. This Agreement may be executed in any number of counterparts, each of which when so executed shall be deemed to be an original and all of which taken together shall constitute one and the same agreement.

SECTION 5. Grants, Rights and Remedies. This IP Security Agreement has been entered into in conjunction with the provisions of the Amended and Restated Security Agreement. Each Grantor does hereby acknowledge and confirm that the grant of the security interest hereunder to, and the rights and remedies of, the Collateral Agent with respect to the Collateral are more fully set forth in the Amended and Restated Security Agreement, the terms and provisions of which are incorporated herein by reference as if fully set forth herein.


SECTION 6. Governing Law. This IP Security Agreement shall be governed by, and construed in accordance with, the laws of the State of New York.

AMCONSTRUCT CORPORATION

By *T.C.*
Name: Thomas C. Berg
Title: Attorney-in-fact

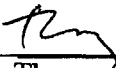
Address for Notices:
180 N. Stetson Street, Suite 1800
Chicago, Illinois 60601

AMRAIL CORPORATION

By 
Name: Thomas C. Berg
Title: Attorney-in-fact


Address for Notices:
180 N. Stetson Street, Suite 1800
Chicago, Illinois 60601

AMVEHICLE CORPORATION

By  _____
Name: Thomas C. Berg
Title: Attorney-in-fact

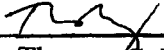
Address for Notices:
180 N. Stetson Street, Suite 1800
Chicago, Illinois 60601

BALTIMORE AIRCOIL COMPANY, INC.

By 
Name: Thomas O. Berg
Title: Attorney-in-fact

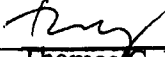
Address for Notices:
7600 Dorsey Run Road
Jessup, MD 20794

CALERA ACQUISITION CO.

By 
Name: Thomas C. Berg
Title: Attorney-in-fact

Address for Notices:
180 N. Stetson Street, Suite 1800
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CONSOLIDATED METCO, INC.

By 
Name: Thomas C. Berg
Title: Attorney-in-fact

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13940 N. Rivergate Blvd.
Portland, OR 97203

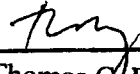
DIAMOND CHAIN COMPANY, INC.

By TCB
Name: Thomas C. Berg
Title: Attorney-in-fact

Address for Notices:
402 Kentucky Avenue
Indianapolis, IN 46225

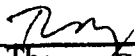
GRIFFIN WHEEL COMPANY, INC.

By _____


Name: Thomas Berg
Title: Attorney-in-fact


Address for Notices:
200 W. Monroe Street
Chicago, IL 60606

MERIDIAN RAIL CHINA INVESTMENT CORP.

By 
Name: Thomas C. Berg
Title: Attorney-in-fact


Address for Notices:
180 N. Stetson Street, Suite 1800
Chicago, Illinois 60601

TRANSFORM AUTOMOTIVE LLC

By 
Name: Thomas C. Berg
Title: Attorney-in-fact


Address for Notices:
7026 Sterling Ponds Court
Sterling, MI 48312

UNIT RAIL ANCHOR COMPANY, INC.

By 
Name: Thomas C. Berg
Title: Attorney-in-fact

Address for Notices:
2604 Industrial Street
Atchison, KS 66002


VARLEN CORPORATION

By 
Name: Thomas C. Berg
Title: Attorney-in-fact

Address for Notices:
180 N. Stetson Street, Suite 1800
Chicago, Illinois 60601

Accepted and Acknowledged by

CITICORP NORTH AMERICA, INC.,
as Collateral Agent

By: 

Name: *Robert H. Chen*

Title: *Vice President*

SCHEDULE A
PATENTS

Pending Patent Applications

Title	Application No. / Date	Status
Locomotive draft gear assembly and yoke	10/618,232 14-Jul-2003	Pending
Sideframe with adapters to connect surface brackets	11/303,894 19-Dec-2005	Pending
Railway truck suspension design	10/770,463 04-Feb-2004	Pending
Three-piece motion control truck system	10/873,126 23-Jun-2004	Pending
Side frame pedestal	11/335,811 20-Jan-2006	Pending
Railway truck bearing adapter	11/216,707 01-Sep-2005	Pending
Non-metallic insert for rail car bolster wedge	11/201,814 12-Aug-2005	Pending
Densified heat transfer tube bundle	10/786,142 26-Feb-2004	Pending
Cooling tower pan partition	10/545,240 12-Aug-2005	Pending
Cooling tower with direct & indirect cooling sections	11/352,978 13-Feb-2006	Pending
Heat exchanger with interchangeable fan assemblies	60/454,661 17-Mar-2003	Pending
Heat exchanger with hinged fan assemblies	60/454,695 17-Mar-2003	Pending
Liquid collection basin connection assembly	10/661,890 17-Sep-2003	Pending
Cooling tower air inlet	60/737,719 17-Nov-2005	Pending
Rail anchor isolator	11/068,135 01-Mar-2005	Pending
Journal bearing backing ring	11/121,469 05-May-2005	Pending
Brake drum stacking method	10/414,415 11-Apr-2003	Pending
Method of die casting compressor housing	10/992,355 19-Nov-2004	Pending
High strength steel and method of making same	11/085,019 21-Mar-2005	Pending

Granted Patents

Title	Patent No. / Issue Date	Status
Multi-level fluid transfer apparatus, system and process	6,210,073 03-Apr-2001	Granted
Self-adjusting constant contact side bearing for railcars	5,086,707 11-Feb-1992	Granted
Diagonally braced railway truck	4,870,914 03-Oct-1989	Granted
Electrically grounded railway truck	4,926,757 22-May-1990	Granted
Friction shoe for railcar trust	5,095,823 17-Mar-1992	Granted
Railway truck bolster with improved brake attachment	4,838,174 13-Jun-1989	Granted
Friction shoe assembly for repair of worn railway truck	4,953,471 04-Sep-1990	Granted
Gravity wedge for slackless railcar connections	4,946,052 07-Aug-1990	Granted
Slackless railcar connections with extractable wedge	5,035,338 30-Jul-1991	Granted
Female connecting member with disassembly feature for articulated connection	5,014,626 14-May-1991	Granted
Railcar articulated connector and wedge shim therefor	5,097,973 24-May-1992	Granted
Wedge shim and follower block for a railcar articulated connector	5,133,467 28-Jul-1992	Granted
Railway coupler head strengthened at horn line	4,984,696 15-Jan-1991	Granted
Pulling lug for railway vehicle coupler	4,976,362 11-Dec-1990	Granted
Slackless railcar connections with upward wear indicator	5,080,242 14-Jan-1992	Granted
Slackless coupler connection for a railway vehicle	5,054,630 08-Oct-1991	Granted
Railroad car coupler arrangement limiting excess lateral movement of the coupler shank	4,848,611 18-Jul-1989	Granted
Light weight fatigue resistant railcar truck bolster	5,111,753 12-May-1992	Granted
Railcar truck bearing adapter construction	5,572,931 12-Nov-1996	Granted
Railcar truck bearing adapter construction	5,509,358 23-Apr-1996	Granted
Steering arm elliptical radius	5,224,428 06-Jul-1993	Granted
Slackless coupler connection for controlled buff/draft	5,312,007 17-May-1994	Granted
A cast steel composition for railway components	5,482,675 09-Jan-1996	Granted
Coupler follower with elastomeric wear pad	5,305,899 26-Apr-1994	Granted

Title	Patent No. / Issue Date	Status
Sideframe with increased fatigue life	5,305,694 26-Apr-1994	Granted
Side arm structure of a steering arm assembly having an undercut radius	5,461,987 31-Oct-1995	Granted
Slackless railway coupler with buff/draft gear	6,360,906 26-Mar-2002	Granted
Steering arms and railway car trucks with improved access to brake shoe keys and method of changing brake shoes	6,233,806 22-May-2001	Granted
Bolster friction shoe pocket with relieved outer wall	5,452,665 26-Sep-1995	Granted
Spring-pack assembly for a railway truck bolster assembly	5,524,551 11-Jun-1996	Granted
Lightweight truck sideframe	5,481,986 09-Jan-1996	Granted
Lubrication means for slack-free railcar connections	5,454,475 03-Oct-1995	Granted
Railway car coupler knuckle	5,582,307 10-Dec-1996	Granted
Side bearings for truck bolsters	5,806,435 15-Sep-1998	Granted
Dynamically stable, lightweight railcar support system	5,746,136 05-May-1998	Granted
Alliance coupler lock lifter securing arm	5,833,086 10-Nov-1998	Granted
Multi-rate vertical load support for an outboard bearing railway truck	5,749,301 12-May-1998	Granted
Tapered wear liner and articulated connector with tapered wear liner	6,167,813 02-Jan-2001	Granted
Railway truck sideframe with internal ribs in bottom member	5,718,177 17-Feb-1998	Granted
Ring seat removal system for a railcar articulated connector	5,809,898 22-Sep-1998	Granted
Ring seat removal system for a railcar articulated connector	5,850,929 12-Dec-1998	Granted
Railway truck castings and method and cores for making castings	5,752,564 19-May-1998	Granted
Railway truck castings and method and cores for making castings	6,330,862 18-Dec-2001	Granted
Method of making sideframes for railway car trucks	6,622,776 23-Sep-2003	Granted
Sideframes for railway trucks	5,967,053 19-Oct-1999	Granted
Method of making railway truck bolsters	5,954,114 21-Sep-1999	Granted
Bolsters for railway trucks	6,089,166 18-Jul-2000	Granted
Method of making bolsters and sideframes for railway car trucks	6,662,853 16-Dec-2003	Granted
Railway truck with elastomeric suspension	5,791,258 11-Aug-1998	Granted
Sideframe-bolster interface for railcar truck assembly	6,186,075 13-Feb-2001	Granted

Title	Patent No. / Issue Date	Status
Light weight draft sill	5,931,101 03-Aug-1999	Granted
Light weight draft sill	6,305,298 23-Oct-2001	Granted
Railway truck sideframe with reinforced columns	6,125,767 03-Oct-2000	Granted
Sideframe gauge wheelbase	6,272,759 14-Aug-2001	Granted
Railway car center filler plate	6,324,995 04-Dec-2001	Granted
Draft sill with locking center pin	6,305,561 23-Oct-2001	Granted
Improved friction shoe for freight car truck	6,425,334 30-Jul-2002	Granted
End sill assembly with center plate casting	6,398,047 04-Jun-2002	Granted
Railcar draft gear assembly and system	6,446,820 10-Sep-2002	Granted
Railcar draft gear assembly and system	6,681,943 27-Jan-2004	Granted
Manufacture of a railway truck sideframe	6,823,800 30-Nov-2004	Granted
Constant contact side bearing	6,644,214 11-Nov-2003	Granted
High capacity integrated railway car truck	6,371,033 16-Apr-2002	Granted
Railway truck draft sill	6,986,432 17-Jan-2006	Granted
Gravity wedge for a slakless railcar connector assembly	5,573,126 12-Nov-1996	Granted
Bearing adapter and adapter pad for railway trucks	5,799,582 10-Sep-1998	Granted
Bearing adapter for railway trucks having downward depending ends on adapter plate for protecting the adapter thrust lugs	5,404,826 11-Apr-1995	Granted
Bearing adapter and adapter pad for railway trucks	5,562,045 08-Oct-1996	Granted
Split wedge bolster pocket insert	5,943,961 31-Aug-1999	Granted
Railway cushioning apparatus	4,739,889 26-Apr-1988	Granted
Repair of railway cushioning apparatus	4,741,085 03-May-1988	Granted
Rail car double acting piston shock absorber	5,388,711 14-Feb-1995	Granted
Railcar cushion unit	5,415,303 16-May-1995	Granted
Single acting sliding sill cushioning unit	5,551,581 03-Sep-1996	Granted
Railcar shock absorber backstop	5,762,214 09-Jun-1998	Granted
Internal neutral positioning spring for railcar shock absorber	6,237,733 29-May-2001	Granted

Title	Patent No. / Issue Date	Status
Railcar hydraulic shock absorber backstop	D389,093 13-Jan-1998	Granted
Hydraulic-pneumatic cushioning device with pressure indicator	5,351,562 04-Oct-1994	Granted
Condition indicating system for railway cushioning unit	5,469,978 28-Nov-1995	Granted
Slackless drawbar assembly	5,598,937 04-Feb-1997	Granted
Railcar buffer and method	5,908,123 01-Jun-1999	Granted
Rail car buffer	5,927,523 27-Jul-1999	Granted
Rail car buffer	6,047,839 11-Apr-2000	Granted
Self-positioning railcar cushioning device	6,357,612 19-Mar-2002	Granted
Railcar cushioning device with internal spring	6,279,765 28-Aug-2001	Granted
Railcar cushioning device with internal elastomeric spring	6,199,708 13-Mar-2001	Granted
Stabilized swing-motion truck for railway cars	5,027,716 02-Jul-1991	Granted
Rocker seat connection	5,463,964 07-Nov-1995	Granted
Fastening device for a railroad car truck rocker seat	5,222,441 29-Jun-1993	Granted
Pedestal rocker seat for providing passive axle steering to a rigid railway truck	6,142,081 07-Nov-2000	Granted
Friction wedge for a railroad car truck having a replaceable wear member	6,374,749 23-Apr-2002	Granted
Friction wedge for a railway car truck having a replaceable wear member	6,691,625 17-Feb-2004	Granted
Railway car truck	6,672,224 06-Jan-2004	Granted
Dual friction wear plate for assembly for a railcar side frame saddle	6,631,685 14-Oct-2003	Granted
Truck-mounted articulated connector for a railway car	4,867,071 19-Sep-1989	Granted
Air distribution system for large cooling towers	4737321 12-Apr-1988	Granted
Seal structure for joint between two structural sections	4749307 07-Jun-1988	Granted
Thermal storage unit with coil extension during melt	4,831,831 23-May-1989	Granted
Transition duct for centrifugal fan	4,891,169 02-Jan-1990	Granted
Improved water treatment system	5,405,541 11-Apr-1995	Granted
Water treatment system	5,480,564 02-Jan-1996	Granted

Title	Patent No. / Issue Date	Status
Spray nozzle fluid distribution system	5,180,103 19-Jan-1993	Granted
Combination direct and indirect closed circuit evaporative heat exchanger	5,435,382 25-Jul-1995	Granted
Combination direct and indirect closed circuit evaporative heat exchanger	5,816,318 06-Oct-1998	Granted
Microbiological control of recirculating water in evaporative cooling systems at idle conditions	5,273,687 28-Dec-1993	Granted
Combination direct and indirect closed circuit evaporative heat exchanger with blow-through fan	5,724,828 10-Mar-1998	Granted
Energy conservation fluid flow distribution system with internal strainer	5,431,838 11-Jul-1995	Granted
Heat exchange members for thermal storage apparatus	6,247,522 19-Jul-2001	Granted
Sound attenuation asselby for air-cooling apparatus	5,663,536 02-Sep-1997	Granted
Cooling coil for a thermal storage tower	6,138,746 31-Oct-2000	Granted
Robotic welding	5,904,864 18-May-1999	Granted
Closed circuit heat exchange system and method with reduced water consumption	6,142,219 07-Nov-2000	Granted
Film fill-pack for inducement of spiraling gas flow in heat and mass transfer contact apparatus with self-spacing fill sheets	6,206,350 27-Mar-2001	Granted
Film fill-pack for inducement of spiraling gas flow in heat and mass transfer contact apparatus with self-spacing fill sheets	6,260,830 17-Jul-2001	Granted
Low profile heat exchange system and method with reduced water consumption	6,213,200 10-Apr-2001	Granted
Low profile heat exchange method with reduced water consumption	6,564,864 20-May-2003	Granted
Rigid evaporative heat exchangers	6,237,900 29-May-2001	Granted
Ice storage coil arrangement	6,216,486 17-Apr-2001	Granted
Ice thermal storage control	6,298,676 09-Oct-2001	Granted
Ice thermal storage control	6,415,615 09-Jul-2002	Granted
Water distribution conduit	6,644,566 11-Nov-2003	Granted
Circulating arrangement for a closed circuit cooling tower	6,574,980 10-Jun-2003	Granted

Title	Patent No. / Issue Date	Status
Raw material delivery system for compacting press	5,858,415 12-Jan-1999	Granted
Method and apparatus for improvement of involute and lead error in powder metal gears	6,134,786 24-Oct-2000	Granted
Powder metal feed shoe hold-down system	6,200,525 13-Mar-2001	Granted
Compacting press with picker system	6,267,574 31-Jul-2001	Granted
Conveyor belt system	6,629,595 07-Oct-2003	Granted
Soft magnetic composite powder metal cores	6,956,307 18-Oct-2005	Granted
Rail anchor wrench	5,161,292 10-Nov-1992	Granted
Labyrinth-type seal for railway car journal bearing	5,975,533 02-Nov-1999	Granted
Shaft journal bearing and seal wear ring assembly	6,126,321 03-Oct-2000	Granted
Compressor molding method for shaft seal	5,431,872 11-Jul-1995	Granted
Bearing shaft seal	5,511,886 30-Apr-1996	Granted
Shaft journal bearing assembly improved seal wear ring	5,380,102 10-Jan-1995	Granted
Shaft journal bearing having improved seal wear ring	5,549,395 27-Aug-1996	Granted
Bearing and journal assembly	5,588,752 31-Dec-1996	Granted
Bearing shaft seal	5,186,548 16-Feb-1993	Granted
Seal assembly	6,471,211 29-Oct-2002	Granted
Truck brake drum	6,666,309 23-Dec-2003	Granted
Wheel hub assembly and method of installing a hub on an axle	5,757,084 26-May-1998	Granted
Wheel hub	D381,615 29-Jul-1997	Granted
Wheel hub assembly and method of installing a hub on an axle	6,149,244 21-Nov-2000	Granted
Wheel hub assembly and method of installing a hub on an axle	5,997,103 07-Dec-1999	Granted
Truck disc wheel hub	D470,447 18-Feb-2003	Granted
Die cast compressor housing for centrifugal compressors with a true volute shape	6,193,463 27-Feb-2001	Granted
Apparatus, kit & method for roller chain assembly	6,029,342 29-Feb-2000	Granted
Coated roller chain pin	5,865,021 02-Feb-1999	Granted
Restrained pipe joint	5037144 06-Aug-1991	Granted

Title	Patent No. / Issue Date	Status
Method of applying a polyolefin coating to pipe	5,037,600 06-Aug-1991	Granted
Improved cement and polyolefin lined product	5,271,974 21-Dec-1993	Granted
Alloy material addition method and apparatus for smelting and melting furnaces	5,427,604 27-Jun-1995	Granted
Calcium alumina cement lined pipe	5,585,141 17-Dec-1996	Granted
Calcium alumina cement lined pipe	5,955,162 21-Sep-1999	Granted
Cupola emission control system	6,090,180 18-Jul-2000	Granted
Pipe moving method, apparatus and system	6,149,376 21-Nov-2000	Granted
Pipe core clean out system	6,397,923 04-Jun-2002	Granted
Sand core breaking apparatus and method	6,425,436 30-Jun-2002	Granted
Pouring tank & track transfer assembly	4,825,772 02-May-1989	Granted
Hardness testing apparatus	4,719,793 19-Jan-1988	Granted
Sand dispensing assembly	4,809,883 07-Mar-1989	Granted
Apparatus for handling railway wheels	5,158,416 27-Oct-1992	Granted
Apparatus and method for sprue removal and grinding of railroad wheels	5,209,021 11-May-1993	Granted
Apparatus and method of sprue removal and grinding of railway wheels	5,319,892 14-Jun-1994	Granted
Apparatus for modifying thermal gradient for casting in graphite molds	5,238,216 24-Aug-1993	Granted
Railway wheel and method of manufacture	5,333,926 02-Aug-1994	Granted
A non-contact railway wheel test apparatus and method	5,574,233 12-Nov-1996	Granted
Arc furnace fume collection system	5,905,752 18-May-1999	Granted
Arc furnace fume collection system and method	5,987,051 16-Nov-1999	Granted
Arc furnace fume collection method	6,136,068 24-Oct-2000	Granted
Arc furnace fume collection method	6,301,285 09-Oct-2001	Granted
Test apparatus for a railway wheel	5,864,065 26-Jan-1999	Granted
Automated wheel sorting system and method	5,823,357 20-Oct-1998	Granted
Arc furnace improved fume collection	6,081,545 27-Jun-2000	Granted

Title	Patent No. / Issue Date	Status
Molten metal ladle transport arrangement	6,506,337 14-Jan-2003	Granted
Wheel cooling tunnel	5,964,272 12-Oct-1999	Granted
Method and system for cutting hub bores in railroad wheels	5,891,266 06-Apr-1999	Granted
Grinding wheel and method for removal of sprues and riser pads from cast railcar wheels	5,938,516 17-Aug-1999	Granted
Wetting of a powdery material such as a baghouse dust	6,058,622 09-May-2000	Granted
Pouring tube structure and assembly	5,919,392 06-Jul-1999	Granted
Method and apparatus for controlling the cooling rate of cast steel railway wheels	6,216,362 17-Apr-2001	Granted
Material moving system	6,261,043 17-Jun-2001	Granted
Boring riser holes in a graphite mold	6,719,502 13-Apr-2004	Granted
Riser topping gathering system and method	6,318,445 20-Nov-2001	Granted
Railway wheel alloy	6,783,610 31-Aug-2004	Granted
Improved riser arrangement	6,932,144 23-Aug-2005	Granted
One-way drive device	5,070,978 10-Dec-1991	Granted
One-way clutch apparatus	5,449,057 12-Sep-1995	Granted
One-way clutch apparatus	5,597,057 28-Jan-1997	Granted
One-way overrunning clutch mechanism	5,678,668 21-Oct-1997	Granted
Clutch plate	5,678,675 21-Oct-1997	Granted
One-way drive device and mechanical assembly integrating the device	5,806,643 15-Sep-1998	Granted
Steering column assembly	5,870,930 16-Feb-1999	Granted
One-way high torque clutch mechanism	5,871,071 16-Feb-1999	Granted
Overrunning planar clutch assembly	5,918,715 06-Jul-1999	Granted
One-way overrunning clutch	5,964,331 12-Oct-1999	Granted
One-way overrunning clutch	6,129,190 10-Oct-2000	Granted
Laminated parts and method of making same	5,972,476 26-Oct-1999	Granted
Damper assembly	5,979,627 09-Nov-1999	Granted

Title	Patent No. / Issue Date	Status
One-way drive device with a dog clutch to transmit torque and a ratchet clutch to provide an overrun function	6,032,774 07-Mar-2000	Granted
Trailer hitch	D379,343 20-May-1997	Granted
Trailer hitch	D420,631 15-Feb-2000	Granted
Trailer hitch	D373,557 10-Sep-1996	Granted
Strut for planar one-way clutch	6,065,576 23-May-2000	Granted
Overrunning coupling assembly	6,116,394 12-Sep-2000	Granted
Overrunning coupling assembly and manufacturing method	6,125,980 03-Oct-2000	Granted
Overrunning coupling assembly	6,186,299 13-Feb-2001	Granted
One-way clutch and method for making same	6,193,038 27-Feb-2001	Granted
One-way overrunning clutch	5,964,331 12-Oct-1999	Granted
Locking telescoping member with attitude-responsive release	6,494,423 17-Dec-2002	Granted
Inertia-actuated overrunning coupling assembly	6,481,551 19-Nov-2002	Granted
Controllable overrunning coupling	6,244,965 12-Jun-2001	Granted
Laminated one-way clutch	6,333,112 25-Dec-2001	Granted
One-way clutch assembly featuring improved strut stability	6,571,926 03-Jun-2003	Granted
Planar one-way clutch	6,505,721 14-Jan-2003	Granted
Sound dampened one-way clutch	6,854,577 15-Feb-2005	Granted
Method for deburring and tool for use therein	6,869,257 22-Mar-2005	Granted

SCHEDULE B
TRADEMARKS

Pending Trademark Applications

Trademark	Application No. / Date	Status
UNIT RAIL ANCHOR	76/638753 17-May-2005	Pending
AMSTED	76/630,915 10-Feb-2005	Pending
B-N FERRO MAG	76/655,007 13-Feb-2006	Pending
SOFT MAGNETIC COMPOSITE	76/642,783 13-Jul-2005	Pending

Registered Trademark

Trademark	Registration No. / Date	Status
AMSTED	771,304 09-Jun-1964	Registered
ADVANCED VEHICLE DYNAMICS	2,114,293 18-Nov-1997	Registered
ALLIANCE	500,163 04-May-1948	Renewed
AMERICAN STEEL FOUNDRIES	2,313,401 01-Feb-2000	Registered
AR-1	1,615,604 02-Oct-1990	Registered
ASF	513,124 02-Aug-1949	Renewed
ASF	953,037 13-Feb-1973	Renewed
ASF in Octagon Design	2,484,760 04-Sep-2001	Registered
ASF RIDE CONTROL	2,484,724 04-Sep-2001	Registered
ASF-2001	2,100,137 23-Sep-1997	Registered
ASF-FOT	2,228,211 02-Mar-1999	Registered
ASF-HD	2,185,417 01-Sep-1998	Registered
ASF-KEYSTONE	2,786,124 25-Nov-2003	Registered
FAMILY OF TRUCKS	2,660,954 10-Dec-2202	Registered
HYLASTIC	513,142 02-Aug-1949	Renewed
MOTION CONTROL	2,932,033 08-Mar-2005	Registered
OCTAGON DESIGN	137,535 30-Nov-1920	Renewed
OCTAGON DESIGN	514,468 30-Aug-1949	Renewed
RIDE CONTROL	514,470 30-Aug-1949	Renewed
RIDEMASTER	767,458 31-Mar-1964	Renewed
ROADMASTER	1,411,223 30-Sep-1986	Registered
ROTO-ACTION	2,238,593 13-Apr-1999	Registered
S IN DESIGN (Circle)	186,307 08-Jul-1924	Renewed
SHARON	511,881 05-Jul-1949	Registered
SLACK-FREE (Suppl. Reg.)	1,445,737 30-Jun-1987	Registered

Trademark	Registration No. / Date	Status
SLOPEGARD	1,501,251 23-Aug-1988	Registered
SSRC	2,228,215 02-Mar-1999	Registered
SSRIM	2,228,212 02-Mar-1999	Registered
SSRM	2,228,214 02-Mar-1999	Registered
SUPER SERVICE	2,266,776 03-Aug-1999	Registered
SUPER SERVICE RIDE CONTROL	1,600,679 12-Jun-1990	Registered
SUPER SERVICE RIDEMASTER	2,091,997 26-Aug-1997	Registered
SUPERSILL	2,422,377 16-Jan-2001	Registered
SWING MOTION	2,116,175 25-Nov-1997	Registered
TWIN PACK	2,894,227 19-Oct-2004	Registered
WILLISON	511,882 05-Jul-1949	Registered
μ-LOGIC	1,767,284 27-Apr-1993	Renewed
B.A.C.	926,854 11-Jan-1972	Renewed
B.A.C. IN CIRCLE DESIGN	677,693 28-Apr-1959	Renewed
B.A.C. IN CIRCLE DESIGN	947,238 14-Nov-1972	Renewed
BAC IN CIRCLE & BALTIMORE AIRCOIL IN ANNULUS OF CO	2,069,441 10-Jun-1997	Registered
BACOUNT	1,532,902 04-Apr-1989	Registered
BACROSS	1,193,576 13-Apr-1982	Registered
BALANCE CLEAN	1,889,789 18-Apr-1995	Registered
BALTIBOND	1,235,677 26-Apr-1983	Registered
BALTIDRIVE	1,397,406 17-Jun-1986	Registered
BALTIMORE AIRCOIL COMPANY	2,144,457 17-Mar-1998	Registered
EASY CONNECT	1,735,844 24-Nov-1992	Renewed
EASY CONNECT	2,279,064 21-Sep-1999	Registered
EJECTOR	1,537,338 02-May-1989	Registered
ENERGY-MISER	1,758,008 16-Mar-1993	Renewed

Trademark	Registration No. / Date	Status
HIGH-K	1,397,559 17-Jun-1986	Registered
ICE CHILLER	1,573,197 26-Dec-1989	Renewed
ICE CHILLER	1,412,745 07-Oct-1986	Registered
ICE-LOGIC	1,762,565 06-Apr-1993	Registered
JE PREMIER SERIES	1,866,892 13-Dec-1994	Registered
AMSTED	2,203,797 17-Nov-1998	Registered
B-N	518,081 29-Nov-1949	Renewed
BN (Stylized Logo)	1,888,214 11-Apr-1995	Renewed
BURGESS-NORTON	1,132,076 01-Apr-1980	Registered
DEKA-LOK	1,492,583 14-Jun-1988	Registered
PERFECTLAP	1,518,663 03-Jan-1989	Registered
QUALI-DENSE	2,158,779 19-May-1998	Registered
QUALI-SINT	1,619,446 30-Oct-1990	Registered
BRENCO	1,777,652 22-Jun-1993	Renewed
DDL	1,752,424 16-Feb-1993	Renewed
E-Z WRENCH	1,808,835 07-Dec-1993	Registered
UNIT IV	1,734,355 24-Nov-1992	Registered
CASTLITE	2,809,174 27-Jan-2004	Registered
CON MET and Design	853,151 23-Jul-1968	Registered
CON MET and Design	1,112,681 06-Feb-1979	Registered
PRESET	2,362,639 27-Jun-2000	Registered
TRUTURN	3,005,578 11-Oct-2005	Registered
CHAIN OF COMMAND	2,444,398 17-Apr-2001	Registered
DESIGN OF DIAMOND ON HORIZONTAL FIELD	1,452,936 18-Aug-1987	Registered
DIAMOND & FIGURE DESIGN	442,375 05-Apr-1949	Registered
DIAMOND ACE	2,466,116 03-Jul-2001	Registered

Trademark	Registration No. / Date	Status
DIAMOND DESIGN	628,218 05-Jun-1956	Registered
DIAMOND WORD	625,279 17-Apr-1956	Registered
DIAMOND WORD	211,419 13-Apr-1926	Registered
DL	1,016,256 22-Jul-1975	Renewed
DURALUBE	752,031 02-Jul-1963	Renewed
DUST STOPPER (stylized O version)	2,897,894 26-Oct-2004	Registered
MICROPITCH	703,898 06-Sep-1960	Renewed
NOTHING OUTLASTS A DIAMOND	2,437,280 20-Mar-2001	Registered
RHOMBUS & BAR DESIGN	780,240 17-Nov-1964	Registered
RING LEADER	1,439,823 19-May-1987	Registered
ROLLER CHAIN LINK PLATE WITH BEVELED EDGE DESIGN	2,390,562 26-Sep-2000	Registered
RSC	1,418,181 25-Nov-1986	Registered
SAPPHIRE	1,563,035 31-Oct-1989	Registered
TUF-FLEX	713,467 04-Apr-1961	Renewed
XDL	1,115,600 27-Mar-1979	Renewed
AMSTED	771,024 09-Jun-1964	Renewed
GRIFFIN	2,283,075 05-Oct-1999	Registered
GRIFFIN-20	2,283,076 05-Oct-1999	Registered
H2 SEWER SAFE	2,064,429 27-May-1997	Registered
AMSTED	771,073 09-Jun-1964	Renewed
CONCENTRIC CIRCLE DESIGN	1,631,518 15-Jan-1991	Registered
GRIFFIN	750,768 11-Jun-1963	Renewed
GRIFFIN	611,706 06-Sep-1955	Registered
GRIFFIN ANIMAL DESIGN (only)	705,877 18-Oct-1960	Registered
KEYSTONE ROOSTER AND DESIGN	753,987 06-Aug-1963	Renewed
QUICK-DRAW	2,096,716 16-Sep-1997	Registered

Trademark	Registration No. / Date	Status
"THE ULTIMATE CLUTCH PLATE"	2,177,653 28-Jul-1998	Registered
MEANS DIODE	2,373,617 01-Aug-2000	Registered
MEANS DIODE MD	2,564,001 23-Apr-2002	Registered

SCHEDULE C
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U.S. COPYRIGHTS**

SCHEDULE C

COPYRIGHT REGISTRATION NO.	TITLE	DATE	TERM
TX 286,533	Ductile Iron Pipe Thickness	06/24/1987	06/24/1987
TX 338,386	Chain Roller	08/22/1988	08/22/1988
TX 230,504	Cost Analysis	03/10/1986	03/10/1986
TX 230,924	Cost Analysis	03/10/1986	03/10/1986
TX 231,174	Labor Control	03/10/1986	03/10/1986
TX 195,355	Testing Roller Impact	04/29/1985	04/29/1985
TX 195,066	Fatigue Test	04/25/1985	04/25/1985
TX 289,232	Filter Study	05/18/1987	05/18/1987