

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
 Stylesheet Version v1.2

EPAS ID: PAT4449885

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	NOTICE OF GRANT OF SECURITY INTEREST IN PATENTS

CONVEYING PARTY DATA

Name	Execution Date
AMSTED RAIL COMPANY, INC.	05/31/2017

RECEIVING PARTY DATA

Name:	BANK OF AMERICA, N.A., AS ADMINISTRATIVE AGENT
Street Address:	135 SOUTH LASALLE STREET
Internal Address:	MAIL CODE: IL4-135-09-61
City:	CHICAGO
State/Country:	ILLINOIS
Postal Code:	60603-4157

PROPERTY NUMBERS Total: 51

Property Type	Number
Patent Number:	9555818
Patent Number:	9540020
Patent Number:	9511782
Patent Number:	9488252
Patent Number:	9446774
Patent Number:	9150226
Patent Number:	9016746
Patent Number:	8869872
Patent Number:	8857573
Patent Number:	8845036
Patent Number:	8839844
Patent Number:	8839843
Patent Number:	8662557
Patent Number:	8657299
Patent Number:	8607431
Patent Number:	8522823
Patent Number:	8317202
Patent Number:	8172045
Patent Number:	8033236

PATENT

Property Type	Number
Patent Number:	7878309
Patent Number:	7757825
Patent Number:	7563050
Patent Number:	7559411
Patent Number:	6112860
Application Number:	15463739
Application Number:	15454475
Application Number:	15453546
Application Number:	15453515
Application Number:	15453489
Application Number:	15375887
Application Number:	15255440
Application Number:	15208200
Application Number:	15166933
Application Number:	15149904
Application Number:	29563884
Application Number:	14966032
Application Number:	14958320
Application Number:	14958210
Application Number:	14862347
Application Number:	15158018
Application Number:	15039706
Application Number:	14807371
Application Number:	14793768
Application Number:	14738321
Application Number:	15108065
Application Number:	14682219
Application Number:	14619772
Application Number:	14576881
Application Number:	14447706
Application Number:	14684994
Application Number:	13760653

CORRESPONDENCE DATA

Fax Number: (919)286-8199

Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent using a fax number, if provided; if that is unsuccessful, it will be sent via US Mail.

Phone: 9192868000

Email: PTO_TMconfirmation@mvalaw.com, amberwest@mvalaw.com

Correspondent Name: MOORE & VAN ALLEN PLLC
Address Line 1: 3015 CARRINGTON MILL BLVD., SUITE 400
Address Line 4: MORRISVILLE, NORTH CAROLINA 27560

ATTORNEY DOCKET NUMBER: 017625.4881

NAME OF SUBMITTER: JOHN SLAUGHTER

SIGNATURE: /john slaughter/

DATE SIGNED: 06/08/2017

Total Attachments: 5

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NOTICE
OF
GRANT OF SECURITY INTEREST
IN
PATENTS

United States Patent and Trademark Office

Ladies and Gentlemen:


Please be advised that pursuant to the Fourth Amended and Restated Security and Pledge Agreement dated as of May 31, 2017 (as the same may be amended, modified, extended or restated from time to time, the "Agreement") by and among the Obligors party thereto (each an "Obligor" and collectively, the "Obligors") and Bank of America, N.A., as administrative agent (the "Administrative Agent") for the holders of the Obligations referenced therein, the undersigned Obligor has granted a continuing security interest in any and all right, title and interest of such Obligor in and to the patents and patent applications set forth on Schedule 1 hereto to the Administrative Agent for the ratable benefit of the holders of the Obligations.

The undersigned Obligor and the Administrative Agent, on behalf of the holders of the Obligations, hereby acknowledge and agree that the security interest in the foregoing patents and patent applications (i) may only be terminated in accordance with the terms of the Agreement and (ii) is not to be construed as an assignment of any patent or patent application.

[Signature Pages Follow]

Very truly yours,

AMSTED RAIL COMPANY, INC.,
a Delaware corporation

By: 
Name: Luke Penskar
Title: Attorney in Fact

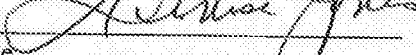
Amsted Industries Incorporated
180 N. Stetson Avenue, Suite 1800
Chicago, IL 60601
Attention: Luke Penskar
Phone: 312-819-8506
E-mail: lpenskar@amsted.com

AMSTED INDUSTRIES INCORPORATED
NOTICE OF GRANT OF SECURITY INTERESTS IN PATENTS

PATENT
REEL: 042732 FRAME: 0583

Acknowledged and Accepted:

BANK OF AMERICA, N.A., as Administrative Agent

By: 
Name: Denise Jones
Title: Vice President

AMSTED INDUSTRIES INCORPORATED
NOTICE OF GRANT OF SECURITY INTERESTS IN PATENTS

PATENT
REEL: 042732 FRAME: 0584

Schedule 1

**Amsted Rail Company, Inc.
(Delaware Corporation)**

U.S. Patents

Issued Patents

Title	Patent No.	Issue Date
SIDE BEARING FOR RAILWAY CAR TRUCK	9555818	01/31/17
BRAKING SYSTEM FOR A RAILWAY CAR	9540020	01/10/17
BRAKING SYSTEMS FOR RAILWAY CARS	9511782	12/06/16
HAND BRAKE ASSEMBLY	9488252	11/08/16
RAILWAY CAR TRUCK WITH FRICTION DAMPING	9446774	09/20/16
MOUNTING RING	9150226	10/06/15
TRAIN AXLE ASSEMBLY	9016746	04/28/15
FORMING A MOLD FOR STEEL CASTING	8869872	10/28/14
CHAIN LOCATOR	8857573	10/14/14
SIGNAL CONTROL DEVICE	8845036	09/30/14
FORMING A MOLD FOR STEEL CASTING	8839844	09/23/14
FORMING A MOLD FOR STEEL CASTING	8839843	09/23/14
TRAIN AXLE ASSEMBLY	8662557	03/04/14
MOUNTING RINGS FOR SHAFTS	8657299	02/25/14
RING FOR MOUNTING A STRUCTURE TO A SHAFT	8607431	12/17/13
ONE-WAY CHECK VALVE	8522823	09/03/13
METHOD OF MOUNTING A STRUCTURE TO A SHAFT	8317202	11/27/12
REMOTE HAND BRAKE	8172045	05/08/12
HANDBRAKE LOAD INDICATOR	8033236	10/11/11
QUICK RELEASE HAND BRAKE	7878309	02/01/11
QUICK RELEASE HAND BRAKE	7757825	07/20/10
RINGS FOR MOUNTING STRUCTURES TO SHAFTS AND METHODS OF USING SUCH RINGS	7563050	07/21/09
IMPROVED CLUTCH MECHANISM (HAYRAKE CLUTCH)	7559411	07/14/09
VEHICLE BRAKE STATUS INDICATING APPARATUS	6112860	09/05/00

Patent Applications

Title	Appl. No.	Filing Date
RAILWAY CAR TRUCK WITH FRICTION SHOES	15463739	03/20/17
PASSIVE STEERING FOR A THREE PIECE RAILWAY TRUCK	15454475	03/09/17
RAILWAY CAR TRUCK FRICTION SHOE SPRING GROUP	15453546	03/08/17
RAILWAY CAR TRUCK FRICTION SHOE	15453515	03/08/17
RAILWAY CAR TRUCK FRICTION SHOE	15453489	03/08/17
RAILWAY TRUCK FRICTION SHOE	15375887	12/12/16
RAILWAY FREIGHT CAR DRAFT GEAR	15255440	09/02/16

RAILWAY FREIGHT CAR TRUCK PEDESTAL PAD	15208200	07/12/16
TRAIN AND RAIL YARD COMMUNICATION SYSTEM	15166933	05/27/16
DRAFT GEAR YOKE	15149904	05/09/16
DRAFT GEAR YOKE	29563884	05/09/16
RAILWAY TRUCK BOLSTER WEAR LINER	14966032	12/11/15
STABILIZED RAILWAY FREIGHT CAR TRUCK	14958320	12/03/15
VERTICAL TRAVEL BUMPER	14958210	12/03/15
BRAKE CYLINDER PRESSURE MAINTENANCE VALVES FOR FREIGHT CAR BRAKE EQUIPMENT	14862347 20170080913	09/23/15
SYSTEM AND METHOD FOR MONITORING RAILCAR PERFORMANCE	15158018 20170050651	05/18/16
TRAIN AND RAIL YARD MANAGEMENT SYSTEM	15039706 20170021847	05/26/16
RAILWAY FREIGHT CAR TRUCK WITH TRANSOM	14807371 20170021843	07/23/15
SLACK ADJUSTER FOR RAILCAR BRAKE	14793768 20170008539	07/08/15
RAILROAD CAR DRAFT GEAR	14738321 20160362121	06/12/15
SYSTEM AND METHOD FOR DETECTING OPERATIONAL ANOMALIES IN TRAIN CONSISTS AND RAILCARS	15108065 20160325767	06/24/16
TRACK-MOUNTING ASSEMBLY	14682219 20160298298	04/09/15
TRAIN AND RAIL YARD COMMUNICATION SYSTEM	15166933 20160272228	05/27/16
BRAKING SYSTEMS FOR RAILWAY CARS	14619772 20160229429	02/11/15
CAST STEEL RAILWAY WHEEL	14576881 20160175924	12/19/14
RAILROAD TRAIN MONITORING SYSTEM	14447706 20150083869	07/31/14
HAND BRAKE SENSOR	14684994 20150232079	04/13/15
VALVE	13760653 20140217319	02/06/13