#### 505295012 01/24/2019

## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT5341789

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
SEQUENCE:	2

### **CONVEYING PARTY DATA**

Name	<b>Execution Date</b>	
ANDREW H. MARTIN	01/23/2019	
JUSTIN MERRILL LIDGETT	01/23/2019	

#### **RECEIVING PARTY DATA**

Name:	AMSTED RAIL COMPANY, INC.			
Street Address:	311 SOUTH WACKER DRIVE			
Internal Address:	SUITE 5300			
City:	CHICAGO			
State/Country:	ILLINOIS			
Postal Code:	60606			

#### **PROPERTY NUMBERS Total: 1**

Property Type	Number
Application Number:	16256772

#### **CORRESPONDENCE DATA**

Fax Number: (215)299-2051

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: 609-896-3600

Email: ipdocket@foxrothschild.com

FOX ROTHSCHILD LLP PRINCETON PIKE CORPOR **Correspondent Name:** 

Address Line 1: 997 LENOX DRIVE

Address Line 2: BLDG. #3

Address Line 4: LAWRENCEVILLE, NEW JERSEY 08648

ATTORNEY DOCKET NUMBER:	037659.00074
NAME OF SUBMITTER:	GARY A. HECHT
SIGNATURE:	/gah/
DATE SIGNED:	01/24/2019

#### **Total Attachments: 4**

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**PATENT REEL: 048127 FRAME: 0828** 505295012

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PATENT REEL: 048127 FRAME: 0829

#### ASSIGNMENT OF INVENTION

In consideration of the payment by ASSIGNEE to ASSIGNOR(S) of the sum of One Dollar (\$1.00) and for other good and valuable consideration, the receipt of which is hereby acknowledged, by this document

ASSIGNOR(S): Name	Address				
	926 Pine View Drive, West Chester, Pennsylvania 19380				
Andrew H. Martin	-				
Justin Merrill Lidgett	907 Royal Ct., Burleson, Texas 76028				
assigns and transfers to: ASSIGNEE:					
Name	Address				
AMSTED Rail Company,	311 South Wacker Drive, Suite 5300, Chicago, Illinois				
Inc.	60606				

the entire right, title and interest in and to the invention entitled:

## Discharge Gate Sensing Method, System and Assembly

which claims priority to U.S. provisional application filed on January 24, 2018, and assigned U.S. Application No. 62/621,212 and which is found in:

X	the U.S. patent application filed with this assignment document
	U.S. patent application no., filed
	International patent application no., filed
	U.S. patent no., issued

and, in and to

- all patent applications filed and letters patent obtained for the invention, whether
  foreign and domestic, and all continuations, continuation-in-part divisions, renewals,
  reissues, re-examinations, or substitutes of any such patent or patent application; and
  any patents and patent applications to which any such patent or patent application
  claims priority;
- all rights to any legal equivalent thereof in a foreign country such as patents of addition, utility models, patents of importation, revalidation patents and inventor certificates:
- the right to apply for patents and inventor certificates relating to the invention, and the right to claim priority to all applications throughout the world in respect of the invention; and
- the right to sue and recover any and all damages and profits, and any and all other remedies, for past, present, or future infringements of patents directed to the invention.

037659.00074

ASSIGNOR(S) authorizes ASSIGNEE or its legal representative to insert in this instrument the filing date, serial number, and any other information that may be necessary or desirable in order to comply with the rules of the U.S. Patent and Trademark Office or any other domestic or foreign government entity for the recordation of this document.

ASSIGNOR(S) warrants and agrees that:

- no assignment, sale, agreement or encumbrance has been or will be made or entered into which would conflict with this assignment;
- upon request, ASSIGNOR(S) will promptly provide ASSIGNEE with all pertinent facts and documents relating to the invention as may be known and accessible to ASSIGNOR(S);
- ASSIGNOR(S) will, at ASSIGNEE'S expense, testify as to the same in any interference, litigation or proceeding related to the invention; and
- ASSIGNOR(S) will promptly execute and deliver to ASSIGNEE, its assigns or its
  legal representatives, without further or additional consideration, any and all papers,
  instruments or affidavits required, render all necessary assistance, and do such
  additional acts as ASSIGNEE or its successors or assigns may deem necessary or
  desirable, to apply for, obtain, maintain, issue and enforce any resulting patents or
  patent applications.

ASSIGNOR(S) hereby authorize and request the Commissioner of Patents and Trademarks and any foreign counterpart to issue any and all letters patent for the invention to ASSIGNEE, for ASSIGNEE'S sole use and benefit, and for the use and benefit of ASSIGNEE'S successors and assigns, to the full end of the term for which such patent may be granted.

ASSIGNOR(S) agree that this document shall bind and inure to the benefit of the heirs, assigns and legal representatives of both ASSIGNOR(S) and ASSIGNEE.

Nama		Date:		de de l'acceptant de la grégo de l'acceptant de l'a	
	Andrew H. Martin				
			1/03	land	
Name:	Justin Marill Lidgett Justin Merrill Lidgett	Date:	1/2:	3/2019	

PATENT REEL: 048127 FRAME: 0831

#### ASSIGNMENT OF INVENTION

In consideration of the payment by ASSIGNEE to ASSIGNOR(S) of the sum of One Dollar (\$1.00) and for other good and valuable consideration, the receipt of which is hereby acknowledged, by this document

ASSIGNOR(S):					
Name	Address				
Andrew H. Martin	926 Pine View Drive, West Chester, Pennsylvania 19380				
Justin Merrill Lidgett	907 Royal Ct., Burleson, Texas 76028				
assigns and transfers to:					
ASSIGNEE:					
Name	Address				
AMSTED Rail Company,	311 South Wacker Drive, Suite 5300, Chicago, Illinois				
Inc.	60606				
the entire right, title and intere	est in and to the invention entitled:				
Discharge (	Gate Sensing Method, System and Assembly				
which claims priority to U.S. J U.S. Application No. 62/621,2	provisional application filed on January 24, 2018, and assigned 212 and which is found in:				

the U.S. patent application filed with this assignment document

U.S. patent application no., filed

U.S. patent no., issued

International patent application no., filed

and, in and to

- all patent applications filed and letters patent obtained for the invention, whether
  foreign and domestic, and all continuations, continuation-in-part divisions, renewals,
  reissues, re-examinations, or substitutes of any such patent or patent application; and
  any patents and patent applications to which any such patent or patent application
  claims priority;
- all rights to any legal equivalent thereof in a foreign country such as patents of addition, utility models, patents of importation, revalidation patents and inventor certificates:
- the right to apply for patents and inventor certificates relating to the invention, and the right to claim priority to all applications throughout the world in respect of the invention; and
- the right to sue and recover any and all damages and profits, and any and all other remedies, for past, present, or future infringements of patents directed to the invention.

037659.00074

ASSIGNOR(S) authorizes ASSIGNEE or its legal representative to insert in this instrument the filing date, serial number, and any other information that may be necessary or desirable in order to comply with the rules of the U.S. Patent and Trademark Office or any other domestic or foreign government entity for the recordation of this document.

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- ASSIGNOR(S) will, at ASSIGNEE'S expense, testify as to the same in any interference, litigation or proceeding related to the invention; and
- ASSIGNOR(S) will promptly execute and deliver to ASSIGNEE, its assigns or its
  legal representatives, without further or additional consideration, any and all papers,
  instruments or affidavits required, render all necessary assistance, and do such
  additional acts as ASSIGNEE or its successors or assigns may deem necessary or
  desirable, to apply for, obtain, maintain, issue and enforce any resulting patents or
  patent applications.

ASSIGNOR(S) hereby authorize and request the Commissioner of Patents and Trademarks and any foreign counterpart to issue any and all letters patent for the invention to ASSIGNEE, for ASSIGNEE'S sole use and benefit, and for the use and benefit of ASSIGNEE'S successors and assigns, to the full end of the term for which such patent may be granted.

ASSIGNOR(S) agree that this document shall bind and inure to the benefit of the heirs, assigns and legal representatives of both ASSIGNOR(S) and ASSIGNEE.

Name:	An.	hu	H M	nto)	Date:	63/	19
		Andrew F	H. Martin				
Name:		Justin Meri	ill Lidgett		Date:		

RECORDED: 01/24/2019 REEL: 048127 FRAME: 0833