506082890 05/29/2020

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
EDWARD J. MANSFIELD	05/28/2020

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:	15166933

CORRESPONDENCE DATA

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Correspondent Name: FOX ROTHSCHILD LLP PRINCETON PIKE CORPOR

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ATTORNEY DOCKET NUMBER:	037659.00065	
NAME OF SUBMITTER:	GARY A. HECHT	
SIGNATURE:	/gah/	
DATE SIGNED:	05/29/2020	

Total Attachments: 2

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PATENT 506082890 REEL: 052791 FRAME: 0801

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	
Edward J. Mansfield	1033 Hemlock Drive Blue Bell, PA19422	
assigns and transfers to:		
ASSIGNEE:		
Name	Address	
Amsted Rail Company, Inc.	311 South Wacker Drive, Suite 5300 Chicago, IL 60606	
the entire right, title and interest in and to the invention entitled:		
TRAIN AND RAIL YARD MANAGEMENT SYSTEM		
and which is found in (check one or more):		
the U.S. patent application filed with this a U.S. patent application no.15/166,933, file International Patent Application no. U.S. patent no, issued	ed <u>May 27, 2016</u> , filed	
and in and to:		

- all patent applications filed and letters patent obtained for the invention, whether foreign and domestic, and all continuations, continuations-in-part, divisions, renewals, reissues, reexaminations, 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.

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);

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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 any such patent may be granted.

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

IN TESTIMONY THEREOF, the undersigned parties have executed this Patent Assignment on this _________, 2020.

By: Edward J. Mansfield (Assignor)

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RECORDED: 05/29/2020