

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
Stylesheet Version v1.2

EPAS ID: PAT3249099

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
JEFFREY D. KERNWEIN	02/16/2015
JAMES H. MOORE	03/02/2015
RECEIVING PARTY DATA	
Name:	WESTINGHOUSE AIR BRAKE TECHNOLOGIES CORPORATION
Street Address:	1001 AIR BRAKE AVENUE
City:	WILMERDING
State/Country:	PENNSYLVANIA
Postal Code:	15148
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	14636781
CORRESPONDENCE DATA	
Fax Number:	(412)945-5933
<i>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.</i>	
Phone:	412-471-8815
Email:	assignments@webblaw.com
Correspondent Name:	THE WEBB LAW FIRM, P.C.
Address Line 1:	ONE GATEWAY CENTER
Address Line 2:	420 FT. DUQUESNE BLVD, SUITE 1200
Address Line 4:	PITTSBURGH, PENNSYLVANIA 15222
ATTORNEY DOCKET NUMBER:	4293-134011
NAME OF SUBMITTER:	NATHAN J. PREPELKA
SIGNATURE:	/Nathan J. Prepelka/
DATE SIGNED:	03/03/2015
Total Attachments: 4	
source=scannedAssignment#page1.tif	
source=scannedAssignment#page2.tif	
source=scannedAssignment#page3.tif	
source=scannedAssignment#page4.tif	

RECORDATION FORM COVER SHEET PATENTS ONLY

To the Director of the U.S. Patent and Trademark Office: Please record the attached documents or the new address(es) below.

1. Name of conveying party(ies)

Jeffrey D. Kernwein
James H. Moore

2. Name and address of receiving party(ies)

Name: Westinghouse Air Brake Technologies Corporation

Internal Address: _____

Street Address: 1001 Air Brake Avenue

City: Wilmerding

State: PA

Country: US Zip: 15148

Additional name(s) & address(es) attached? Yes No

Additional name(s) of conveying party(ies) attached? Yes No

3. Nature of conveyance/Execution Date(s):

Execution Date(s) Feb 16, 2015 and Mar 2, 2015

- Assignment Merger
- Security Agreement Change of Name
- Joint Research Agreement
- Government Interest Assignment
- Executive Order 9424, Confirmatory License
- Other _____

4. Application or patent number(s):

This document is being filed together with a new application.

A. Patent Application No.(s)

14/636,781

B. Patent No.(s)

Additional numbers attached? Yes No

5. Name and address to whom correspondence concerning document should be mailed:

Name: Richard L. Byrne

Internal Address: The Webb Law Firm

Street Address: One Gateway Center
420 Ft. Duquesne Blvd., Ste 1200

City: Pittsburgh

State: PA Zip: 15222

Phone Number: 412-471-8815

Fax Number: 412-945-5933

Email Address: assignments@webblaw.com

6. Total number of applications and patents involved: 1**7. Total fee (37 CFR 1.21(h) & 3.41) \$ n/a**

- Authorized to be charged by credit card
- Authorized to be charged to deposit account
- Enclosed
- None required (government interest not affecting title)

8. Payment Information

a. Credit Card Last 4 Numbers 1916
Expiration Date 05/2015

b. Deposit Account Number 23-0650

Authorized User Name _____

9. Signature:


Signature

March 3, 2015
Date

Nathan J. Prepelka, Reg. No. 43,016
Name of Person Signing

Total number of pages including cover sheet, attachments, and documents:

4

Documents to be recorded (including cover sheet) should be faxed to (571) 273-0140, or mailed to:
Mail Stop Assignment Recordation Services, Director of the USPTO, P.O.Box 1450, Alexandria, V.A. 22313-1450

ASSIGNMENT

WHEREAS, as a below named inventor, I have invented certain new and useful improvements in

SWITCH ALIGNMENT DETECTION AND ENFORCEMENT SYSTEM AND METHOD

(Invention Title)

for which a United States Provisional Patent application was filed on _____ (mm/dd/yyyy) and bears Application Number _____ (hereinafter "said application").

AND/OR

for which I have this day executed an application for a United States Patent (hereinafter "said application").

AND/OR

for which an application for a United States Patent was filed on _____ (mm/dd/yyyy) and bears Application Number _____ (hereinafter "said application").

AND/OR

for which an international patent application was filed under the Patent Cooperation Treaty on _____ (mm/dd/yyyy), bearing Application No. _____ (hereinafter "said application").

AND, WHEREAS, WESTINGHOUSE AIR BRAKE TECHNOLOGIES CORPORATION, a corporation of Delaware, having a place of business at 1001 Air Brake Avenue, Wilmerding, PA 15148, hereinafter called the "assignee", is desirous of acquiring the entire right, title, and interest in and to said application and the inventions and improvements therein disclosed.

NOW, THEREFORE, for good and valuable consideration paid to me by said assignee, the receipt of which is hereby acknowledged, I as the inventor or as one of the inventors, hereinafter the assignor(s), do hereby assign, sell and transfer unto said assignee the full and exclusive right, title and interest in and to said application and the inventions and improvements therein disclosed for the United States and all foreign countries and any Letters Patent which may issue therefor in the United States and all foreign countries and all divisions, reissues, continuations, continuations-in-part, renewals and/or extensions thereof. Such assignment extends to the full ends of the terms of these applications and patents as fully and entirely as the same would have been held and enjoyed by me had this Assignment not been made.

I hereby authorize and request any attorney associated with The Webb Law Firm, Customer No. 28289, to insert here in parentheses (Application No. 14/636,781 filed 3/3/2015) the filing date and application number of said application when known.

I covenant that I am the lawful owner(s) of said application, inventions and improvements, that the same are unencumbered, that no license has been granted to make, use or vend the said inventions or improvements or any of them, and that I have the full right to make this Assignment.

DOMESTIC

Application No. _____

Attorney Docket No. 4293-134011

And for the consideration aforesaid, I agree individually and, if applicable, jointly that I will communicate to said assignee or the representatives thereof any facts known to me respecting said inventions and improvements, and will, upon request but without expense to me, testify in any legal proceedings, sign all lawful papers, execute all divisional, reissue, continuation, continuation-in-part, renewal and/or extension applications, make all rightful oaths, and generally do all other and further lawful acts deemed necessary or expedient by said assignee or by counsel for said assignee to assist or enable said assignee to obtain and enforce full benefits from the rights and interests herein assigned. This Assignment shall be binding upon my heirs, executors, administrators and/or assigns, and shall inure to the benefit of the heirs, executors, administrators, successors and/or assigns, as the case may be, of said assignee.

1. FULL NAME OF ASSIGNOR:

RESIDENCE:

Jeffrey D. Kernwein

Cedar Rapids, IA

EXECUTED this 16th day of February, 2015


SIGNATURE

STATE of IOWA

COUNTY of LINN

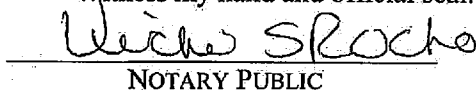
On this 16 day of February, in the year 2015, before me Vicki S Rocho,
DAY MONTH YEAR NOTARY PUBLIC NAME

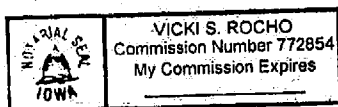
a notary public, personally appeared Jeffrey D. Kernwein,
NAME OF DOCUMENT SIGNER

proved on the basis of satisfactory evidence to be the person whose name is subscribed to this instrument, and acknowledged he/she executed the same.

I certify under Penalty of Perjury under the laws of the State of IOWA that the foregoing paragraph is true and correct.

Witness my hand and official seal.


NOTARY PUBLIC



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Checked Box indicates 1 additional page for inventor signatures.

DOMESTIC

Application No. _____

Attorney Docket No. 4293-134011

2. FULL NAME OF ASSIGNOR:
James H. Moore

RESIDENCE:
Cedar Rapids, IA

EXECUTED this 2 day of March, 2015

James H. Moore
SIGNATURE

STATE of TEXAS)

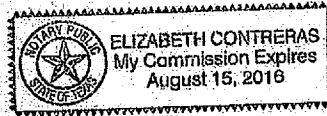
COUNTY of TARRANT)

On this 1 day of March, in the year 2015, before me Elizabeth Contreras,
a notary public, personally appeared James H. Moore,
NAME OF DOCUMENT SIGNER

proved on the basis of satisfactory evidence to be the person whose name is subscribed to this instrument, and acknowledged he/she executed the same.

I certify under Penalty of Perjury under the laws of the State of Texas that the foregoing paragraph is true and correct.

Witness my hand and official seal.



Elizabeth Contreras
NOTARY PUBLIC

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