

PATENT ASSIGNMENT COVER SHEET

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 Stylesheet Version v1.2

EPAS ID: PAT5704750

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
ANDREW RYAN STAATS	08/22/2018
KEITH EDWARD SMITH	08/22/2018
BRIAN JAMES LANGSTRAAT	08/24/2018
STUART JOHN BARR	08/22/2018
JAMES A. OSWALD	08/22/2018
JEFFREY D. KERNWEIN	08/24/2018
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:	16146185
CORRESPONDENCE DATA	
Fax Number:	(412)471-4094
<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>	
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Correspondent Name:	THE WEBB LAW FIRM
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Address Line 4:	PITTSBURGH, PENNSYLVANIA 15222
ATTORNEY DOCKET NUMBER:	4293-1806593
NAME OF SUBMITTER:	RICHARD L. BYRNE
SIGNATURE:	/Richard L. Byrne/
DATE SIGNED:	09/06/2019

Total Attachments: 8

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ASSIGNMENT

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

**METHOD AND APPARATUS FOR LEARNING AND VALIDATING BRAKE
DECELERATION RATES**

(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, including rights of priority under the International Convention of Paris (1883) as amended, and any Letters Patent which may issue therefor in the United States and all foreign countries and all divisionals, non-provisionals, 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. 16/146,185, filed 09/28/2018) the filing date and application number of said application when known.

Application No. _____

Attorney Docket No. 4293-1802349

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.

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, non-provisional 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:

Andrew Ryan Staats

Cedar Rapids, IA

EXECUTED this 22 day of August, 2018


SIGNATURE

WITNESS:

Wicki Rocho

Name:

☒ Checked Box indicates 6 additional page(s).

Application No. _____

Attorney Docket No. 4293-1802349

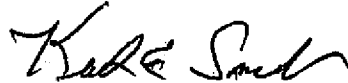
2. FULL NAME OF ASSIGNOR:

Keith Edward Smith

RESIDENCE:

Cedar Rapids, IA

EXECUTED this 22 day of August, 2018



SIGNATURE

WITNESS:



Name:

Application No. _____
Attorney Docket No. 4293-1802349

3. FULL NAME OF ASSIGNOR:
Brian James Langstraat

RESIDENCE:
Cedar Rapids, IA

EXECUTED this 24th day of August, 2018

Brian Langstraat
SIGNATURE

WITNESS:

Wicki Roche

Name:

Application No. _____

Attorney Docket No. 4293-1802349

4. FULL NAME OF ASSIGNOR:
Stuart John Barr

RESIDENCE: Cedar Rapids, IA
~~Naperville, IL~~

EXECUTED this 22 day of August, 2018


SIGNATURE

WITNESS:

Wuchi Rocho

Name:


Application No. _____
Attorney Docket No. 4293-1802349

5. FULL NAME OF ASSIGNOR: James A. Oswald RESIDENCE: Coggon, IA

EXECUTED this 22 day of August, 2018


SIGNATURE

WITNESS: -



Name:

Application No. _____

Attorney Docket No. 4293-1802349

6. FULL NAME OF ASSIGNOR:

Jeffrey D. Kernwein

RESIDENCE:

Cedar Rapids, IA

EXECUTED this 24th day of August, 2018


SIGNATURE

WITNESS:

Wicki Roche

Name:

Application No. _____

Attorney Docket No. 4293-1802349

Acknowledgement of this Assignment is made by/on behalf of the Assignee:

NAME OF ASSIGNEE:

WESTINGHOUSE AIR BRAKE
TECHNOLOGIES CORPORATION

PLACE OF BUSINESS:

Wilmerding, PA

EXECUTED this ____ day of _____, 2018

SIGNATURE

Name:

Title:

WITNESS:

Name: