504239291 02/22/2017

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT4285968

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
KEVIN J. ANGEL	02/17/2017
ANN K. GRIMM	02/17/2017

RECEIVING PARTY DATA

Name:	WESTINGHOUSE AIR BRAKE TECHNOLOGIES CORP.
Street Address:	1001 AIR BRAKE AVENUE
City:	WILMERDING
State/Country:	PENNSYLVANIA
Postal Code:	15148

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	15439119

CORRESPONDENCE DATA

Fax Number: (412)471-4094

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: 4124718815

Email: assignments@webblaw.com

Correspondent Name: THE WEBB LAW FIRM Address Line 1: ONE GATEWAY CENTER

Address Line 2:420 FT. DUQUESNE BLVD., STE. 1200Address Line 4:PITTSBURGH, PENNSYLVANIA 15222

ATTORNEY DOCKET NUMBER:	4293-1604344
NAME OF SUBMITTER:	NATHAN J. PREPELKA
SIGNATURE:	/Nathan J. Prepelka/
DATE SIGNED:	02/22/2017

Total Attachments: 5

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PATENT 504239291 REEL: 041341 FRAME: 0479

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PATENT REEL: 041341 FRAME: 0480 Form **PTO-1595** (Rev. 06-12) OMB No. 0651-0027 (exp. 04/30/2015)

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)	2. Name and address of receiving party(ies)	
Kevin J. Angel Ann K. Grimm	Name: WESTINGHOUSE AIR BRAKE TECHNOLOGIE	
America Orinini	Internal Address: 1001 Air Brake Avenue	
Additional name(s) of conveying party(ies) attached? Yes No 3. Nature of conveyance/Execution Date(s): Execution Date(s) 02/17/2017 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 A. Patent Application No.(s)	Street Address: City: Wilmerding State: PA Country: US Zip: 15148 Additional name(s) & address(es) attached? Yes No document serves as an Oath/Declaration (37 CFR 1.63). B. Patent No.(s)	
Additional numbers at	ached? Yes V No	
5. Name and address to whom correspondence concerning document should be mailed:	6. Total number of applications and patents involved: 1	
Name:	7. Total fee (37 CFR 1.21(h) & 3.41) \$	
Internal Address: The Webb Law Firm		
	Authorized to be charged to deposit account	
Street Address: One Gateway Center	Enclosed	
420 Ft. Duquesne Blvd., Ste 1200	None required (government interest not affecting title)	
City: Pittsburgh	8. Payment Information	
State: PA Zip: 15222		
Phone Number: 412-471-8815	Daniel Acceptable when	
Docket Number: 4293 - 1604344	Deposit Account Number Authorized User Name	
Email Address: assignments@webblaw.com		
9. Signature:	February 22, 2017	
Signature	Date	
Nathan J. Prepelka, Reg. No. 43,016 Name of Person Signing	Total number of pages including cover sheet, attachments, and documents: 5	
	et) should be faxed to (571) 273-0140, or mailed to: of the USPTO, P.O.Box 1450, Alexandria, V.A. 22313-1450	

PATENT REEL: 041341 FRAME: 0481

<u>ASSIGNMENT</u>

WHEREAS, as a below named inventor, I have invented certain new and useful improvements in	
TRAIN STOP TIMER	
(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	
X 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 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 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, filed) 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.	

Application No. <u>/5/434</u>, <u>//9</u>
Attorney Docket No. <u>4293-1604344</u>

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.

DECIDENCE.

Kevin J. Angel	KESIDEI	Marion, IA
EXECUTED this /7 day of /= b	, 2017	1610
		SIGNATURE
WITNESS: Lichi Rocha 2/17/17 Name:		
Checked Box indicates additional p	page(s).	

THE REAL OF ACCUATION.

Application No. <u>/5/439, //9</u>
Attorney Docket No. <u>4293-1604344</u>

2. FULL NAME OF ASSIGNOR: Ann K. Grimm	RESIDENCE: Cedar Rapids, IA
EXECUTED this 17 day of February	
,	SIGNATURE
WITNESS:	
Ullu Cocho 2/12/1	7
Name:	

Application No. 15/439, 119 Attorney Docket No. 4293-1604344

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

NAME OF ASSIGNEE:

PLACE OF BUSINESS:

WESTINGHOUSE AIR BRAKE **TECHNOLOGIES CORPORATION**

Wilmerding, PA

EXECUTED this 2/87day of FEBRUARY, 2017

Name: DAVID M. SEITZ

Title: VICE PRESIDENT and SECRETARY, WABTEC HOLDING CORP.

WITNESS:

RECORDED: 02/22/2017