

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
PAUL GERARD BENDER	04/07/2017
CHARLES L. WOLF	04/10/2017
RICHARD S. KLEMANSKI	04/13/2017
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Postal Code:	15212
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	16603469
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DATE SIGNED:	04/22/2021
Total Attachments: 5	
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Application No. 15/481,817

Attorney Docket No. 4293-1604361

ASSIGNMENT

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

**SYSTEM, METHOD, AND APPARATUS FOR DETERMINING A COMMUNICATION
STATUS OF LOCOMOTIVES IN A DISTRIBUTED POWER SYSTEM**

(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 04/07/2017 (mm/dd/yyyy) and bears Application Number 15/481,817 (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 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,

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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:

Paul Gerard Bender

Clarksburg, MD

EXECUTED this 7th day of April, 2017



SIGNATURE

WITNESS:



Name:

☒ Checked Box indicates ___ additional page(s).

Application No. 15/481,817

Attorney Docket No. 4293-1604361

2. FULL NAME OF ASSIGNOR:

Charles L. Wolf

RESIDENCE:

Olney, MD

EXECUTED this 10th day of April, 2017

Charles L. Wolf
SIGNATURE

WITNESS:

[Signature]

Name:

Alan L Cortie

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Attorney Docket No. 4293-1604361

3. FULL NAME OF ASSIGNOR:

Richard S. Klemanski

RESIDENCE:

Walkersville, MD

EXECUTED this 13th day of APRIL, 2017

Richard S. Klemanski

SIGNATURE

WITNESS:

mailed name

Name:

Application No. 15/481,817

Attorney Docket No. 4293-1604361

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 9th day of May, 2017


SIGNATURE

Name: David M. Seitz

Title: Vice President & Senior Counsel

WITNESS:


Name: ERIN GENTS QUINN