

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
CHRISTOPHER A. LUCKE	11/26/2019
RECEIVING PARTY DATA	
Name:	WESTINGHOUSE AIR BRAKE TECHNOLOGIES CORPORATION
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City:	WILMERDING
State/Country:	PENNSYLVANIA
Postal Code:	15148
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	16697250
CORRESPONDENCE DATA	
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<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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ATTORNEY DOCKET NUMBER:	WABP12820USUTL2-552-693
NAME OF SUBMITTER:	MARY D. LAWLOR
SIGNATURE:	/Mary D. Lawlor/
DATE SIGNED:	11/27/2019
Total Attachments: 3	
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**COMBINED DECLARATION AND GLOBAL ASSIGNMENT
FOR UTILITY OR DESIGN PATENT APPLICATION**

As the below named inventor, I hereby declare that:

This declaration and assignment are directed to:

THERMAL MANAGEMENT SYSTEM AND METHOD

- the specification of which is attached hereto OR
- United States application or PCT international application number _____ filed on _____, as amended on [date] (if applicable). (We hereby authorize and request the Company or its delegated attorneys or agents to insert above the application number and filing date of the application when known.)

The above-identified application was made or authorized to be made by me.

I believe that I am an original inventor of a claimed invention in the application.

I hereby acknowledge that any willful false statement made in this declaration is punishable under 18 USC § 1001 by fine or imprisonment of not more than five (5) years, or both.

I have reviewed and understand the contents of the above-identified application, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose information which is material to the patentability of this application as defined in 37 CFR § 1.56, including, for continuation-in-part applications, material information which became available between the filing date of the prior application and the filing date of the continuation-in-part application.

For other good and valuable consideration of which I acknowledge receipt, I,

Inventor First Name	Inventor Middle Name	Inventor Last Name		Residence Town	Residence State	Residence Country
Christopher	A.	Lucke	of	Plum	PA	US

hereby sell and assign to:

Name of Company: <i>Westinghouse Air Brake Technologies Corporation</i>
Entity Type (optional):
Address: <i>1001 Air Brake Avenue, Wilmerding, Pennsylvania 15148 USA</i>

herein referred to as "Company", its successors and assigns, our entire respective rights, titles and interests in and to the invention and improvements made or conceived by us described in the application(s) listed above and in the following table:

Country of Filing	Type of Filing	Application Number	Filing Date	Title
US	Provisional	62787958	03-Jan-2019	Discharge Air Temperature Control System For An Air-Cooled Compressor On A Locomotive

(I hereby authorize and request the Company or its delegated attorneys or agents to insert above the application number and filing date of the application(s) when known.)

and any and all applications for patent and patents therefrom in any and all countries, including all divisions, continuations, continuations-in-part, reexaminations, renewals, and reissues thereof, and all rights of priority resulting from the filing of the application(s), and authorize and request any official whose duty it is to issue patents, to issue any patent on the inventions and improvements resulting therefrom to the Company, or its successors or assigns, and agree that on request and without further consideration, I will communicate to the Company or its representatives or nominees any facts known to me respecting the inventions and improvements and testify in any legal proceeding, make all rightful oaths, sign all lawful papers and execute all instruments or documents required or requested for the making and prosecution of any applications of any type for patent, utility model, or other similar rights in all countries including, but not limited to, any provisional, non-provisional, continuation, continuation-in-part, divisional, renewal or substitute thereof, for any derivation proceedings relating thereto, and, as to any patents that issue from such applications, for any supplemental examination, derivation proceeding, opposition, post grant review, reissue, re-examination, inter partes review, or extension thereof, and generally do everything possible to aid the Company, its successors, assigns, and nominees to obtain and enforce proper patent protection for the invention and its improvements in all countries.

Remuneration claims of the inventor(s)/assignor(s) potentially arising from German Law on Employee Inventions, or any other respective country law, remain unaffected by this assignment.

INVENTOR

Signature: Christopher A. Lucke
Christopher A. Lucke

Date: 11/26/2019

Witnessed by: Wesley M. Martincic
Signature

Date: 11/26/2019

Wesley M. Martincic
Printed Name of Witness

Witnessed by: Andrew T. Mueck
Signature

Date: 11/26/2019

Andrew T. Mueck
Printed Name of Witness

SECTION BELOW IS FOR USE ONLY IF SIGNING IN PRESENCE OF A NOTARY

Christopher A. Lucke

Date: _____

STATE OF

ss.

COUNTY OF

This _____ day of October, 2019 before me personally came the above-named **Christopher A. Lucke** to me personally known as the individual who executed the foregoing assignment, who acknowledged to me that he executed the same of his own free will for the purposes therein set forth.

Seal

(Notary Public)