#### 504501296 08/14/2017

# PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2

EPAS ID: PAT4548000

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

### **CONVEYING PARTY DATA**

Name	Execution Date
JOSEPH TAPLEY	07/21/2017
JAY S. KORTH	07/21/2017
RORY MAHLON ROMERO	07/21/2017
JAKE PLEWA	07/21/2017

## **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:	15653836

### **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: 412-471-8815

Email: assignments@webblaw.com **Correspondent Name:** THE WEBB LAW FIRM

Address Line 1: 420 FT. DUQUESNE BLVD., SUITE 1200

Address Line 2: ONE GATEWAY CENTER

Address Line 4: PITTSBURGH, PENNSYLVANIA 15222

ATTORNEY DOCKET NUMBER:	4493-1704127	
NAME OF SUBMITTER: RICHARD L. BYRNE, REG. NO. 28,498		
SIGNATURE: /richard I. byrne/		
DATE SIGNED:	08/14/2017	

**Total Attachments: 7** 

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RECORDATION FORM COVER SHEET		
PATENTS ONLY		
To the Director of the U.S. Patent and Trademark Office: Pleas	e record the attached documents or the new address(es) below.	
1. Name of conveying party(ies)	2. Name and address of receiving party(ies)	
Joseph Tapley Jay S. Korth	Name: Westinghouse Air Brake Technologies Corporation	
Rory Mahlon Romero	Internal Address:	
Jake Plewa		
Additional name(s) of conveying party(ies) attached? Yes V No	01 1411	
<b>3. Nature of conveyance/Execution Date(s):</b> Execution Date(s) 7/21/2017	Street Address: 1001 Air Brake Avenue	
✓ Assignment Merger		
Security Agreement Change of Name	City: Wilmerding	
Joint Research Agreement	State: PA	
Government Interest Assignment		
Executive Order 9424, Confirmatory License	Country: Zip: 15148	
Other	Additional name(s) & address(es) attached? Yes Vo	
4. Application or patent number(s):	document serves as an Oath/Declaration (37 CFR 1.63).	
A. Patent Application No.(s)	B. Patent No.(s)	
15/653,836		
Additional numbers at	ached?	
5. Name and address to whom correspondence concerning document should be mailed:	6. Total number of applications and patents involved: 1	
Name: Richard L. Byrne	7. Total fee (37 CFR 1.21(h) & 3.41) \$	
Internal Address: The Webb Law Firm	7. I Otal lee (37 CFR 1.21(II) & 3.41) \$\pi	
monary added. The webb barring	Authorized to be charged to deposit account	
Observation Control Control	Enclosed	
Street Address: One Gateway Center	None required (government interest not affecting title)	
420 Ft. Duquesne Blvd., Ste 1200	8. Payment Information	
City: Pittsburgh	o. r dymone mornadon	
State: <u>PA</u> Zip: <u>15222</u>		
Phone Number: <u>412-471-8815</u>	Deposit Account NumberAuthorized User Name	
Docket Number: 4493 - 1704127		
Email Address: assignments@webblaw.com		
9. Signature: whand for	August 14, 2017	
Signature	Date	
Richard L. Byrne, Reg. No. 28,498  Name of Person Signing	Total number of pages including cover sheet, attachments, and documents:	
Documents to be recorded (including cover shee	t) should be faxed to (571) 273-0140, or mailed to:	
Mail Stop Assignment Recordation Services, Director of	f the USPTO, P.O.Box 1450, Alexandria, V.A. 22313-1450	

Application No	15/653,836
Attorney Docket No	4493-1704127

# **ASSIGNMENT**

WHEREAS, as a below named inventor, I have invented certain new and useful
improvements in
COOLING MODULE
(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
x for which an application for a United States Patent was filed on 07/19/2017 (mm/dd/yyyy) and bears Application Number 15/653,836 (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").
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, 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. \_\_\_\_ 15/653,836 Attorney Docket No. <u>4493-1704127</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.

	terms are our	to be a second	decision .	and the rest target, interest lines.
1	FULL	NAME	OF A	SSIGNOR

RESIDENCE:

Joseph Tapley

Medon, TN

SIGNATURE

EXECUTED this 21 day of July

**TENNESSEE** NOTARY

PUBLIC

DEDM COUN

WITNESS:

Name:

**My Comission Expires** March 21, 2018

X Checked Box indicates \_\_\_\_ additional page(s).

3T27744.DOCX

Page 2 of 6

Application No. <u>15/653,836</u> Attorney Docket No. <u>4493-1704127</u>

2. FULL NAME OF ASSIGNOR:

Jay S. Korth

RESIDENCE:

Jackson, TN

EXECUTED this 21 day of July

edison Cour

WITNESS:

**Wy Comission Expires** March 21, 2018

Application No. 15/653,836

Attorney Docket No. 4493-1704127

3. FULL NAME OF ASSIGNOR:

Rory Mahlon Romero

RESIDENCE:

Henderson, TN

EXECUTED this 2 day of July , 2017

SIGNATURE

STATE
OF
TENNESSEE
NOTARY
PUBLIC

edison Coun

WITNESS:

Elizabeth May Wade

√ly Comission Expires March 21, 2018

Application No. 15/653,836

Attorney Docket No. 4493-1704127

SIGNATURE

E STATE OF TENNESSEE NOTARY PUBLIC

olson Count

4. FULL NAME OF ASSIGNOR:

Jake Plewa

RESIDENCE:

Dyersburg, TN

EXECUTED this 2 day of Jaly, 2017

WITNESS:

Elizabeth may Wade

Name:

My Comission Expires March 21, 2018

Application No	15/653,836
Attorney Docket No.	4493-1704127

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

NAME OF ASSIGNEE:

PLACE OF BUSINESS:

\_,2017

WESTINGHOUSE AIR BRAKE

Wilmerding, PA

TECHNOLOGIES CORPORATION

EXECUTED this 8th day of August

1

SIGNATURI

Name: David M. Seitz Title: Vice President

WITNESS:

Name:

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**RECORDED: 08/14/2017** 

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