

PATENT ASSIGNMENT

Electronic Version v1.1
 Stylesheet Version v1.1

| | |
|--|--------------------------------|
| SUBMISSION TYPE: | NEW ASSIGNMENT |
| NATURE OF CONVEYANCE: | ASSIGNMENT |
| CONVEYING PARTY DATA | |
| Name | Execution Date |
| Rodney R. Rudat | 06/15/2010 |
| Joseph Tapley | 06/15/2010 |
| Jay S. Korth | 06/15/2010 |
| RECEIVING PARTY DATA | |
| Name: | Wabtec Holding Corp. |
| Street Address: | 1001 Air Brake Avenue |
| City: | Wilmerding |
| State/Country: | PENNSYLVANIA |
| Postal Code: | 15148 |
| PROPERTY NUMBERS Total: 1 | |
| Property Type | Number |
| Application Number: | 12740066 |
| CORRESPONDENCE DATA | |
| Fax Number: | (412)945-5933 |
| <i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i> | |
| Phone: | 412-471-8815 |
| Email: | assignments@webblaw.com |
| Correspondent Name: | THE WEBB LAW FIRM, P.C. |
| Address Line 1: | 700 KOPPERS BUILDING |
| Address Line 2: | 436 SEVENTH AVENUE |
| Address Line 4: | PITTSBURGH, PENNSYLVANIA 15219 |
| ATTORNEY DOCKET NUMBER: | 4493-101140 |
| NAME OF SUBMITTER: | Richard L. Byrne |
| Total Attachments: 4 source=RECCOVER#page1.tif | |

OP \$40.00 12740066

501268954

PATENT
REEL: 024870 FRAME: 0511

source=ASSIGN#page1.tif
source=ASSIGN#page2.tif
source=ASSIGN#page3.tif

**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)

Rodney R. RUDAT
Joseph TAPLEY
Jay S. KORTH

Additional name(s) of conveying party(ies) attached? ☐ Yes ☒ No

3. Nature of conveyance/Execution Date(s):

Execution Date(s) June 15, 2010

- ☒ Assignment ☐ Merger
☐ Security Agreement ☐ Change of Name
☐ Joint Research Agreement
☐ Government Interest Assignment
☐ Executive Order 9424, Confirmatory License
☐ Other _____

2. Name and address of receiving party(ies)

Name: WABTEC HOLDING CORP.

Internal Address: _____

Street Address: 1001 Air Brake Avenue

City: Wilmerding

State: PA

Country: _____ Zip: 15148

Additional name(s) & address(es) attached? ☐ Yes ☒ No

4. Application or patent number(s):

☐ This document is being filed together with a new application.

A. Patent Application No.(s)
12/740,066

B. Patent No.(s)

Additional numbers attached? ☐ Yes ☒ No

5. Name and address to whom correspondence concerning document should be mailed:

Name: Russell D. Orkin

Internal Address: The Webb Law Firm

Street Address: 436 Seventh Avenue
700 Koppers Building

City: Pittsburgh

State: PA Zip: 15219

Phone Number: 412-471-8815

Fax Number: 412-945-5933

Email Address: assignments@webblaw.com

6. Total number of applications and patents involved: 1

7. Total fee (37 CFR 1.21(h) & 3.41) \$ 40.00

- ☒ Authorized to be charged by credit card
☐ Authorized to be charged to deposit account
☐ Enclosed
☐ None required (government interest not affecting title)

8. Payment Information

a. Credit Card Last 4 Numbers 4775
Expiration Date 05/2012

b. Deposit Account Number 23-0650

Authorized User Name _____

9. Signature:


Signature

August 23, 2010
Date

Richard L. Byrne, Registration No. 28,498
Name of Person Signing

Total number of pages including cover sheet, attachments, and documents:

4

Documents to be recorded (including cover sheet) should be faxed to (571) 273-0140, or mailed to:
Mail Stop Assignment Recordation Services, Director of the USPTO, P.O.Box 1450, Alexandria, V.A. 22313-1450

ASSIGNMENT

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

A NON-PLAIN CARBON STEEL HEADER FOR A HEAT EXCHANGER

(Invention Title)

☒ for which a United States Provisional Patent application was filed on 10/30/2007 (mm/dd/yyyy) and bears Application Number 60/983,729 (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 04/27/2010 (mm/dd/yyyy) and bears Application Number 12/740,066 (hereinafter "said application").

AND/OR

☒ for which an international patent application was filed under the Patent Cooperation Treaty on 10/30/2008 (mm/dd/yyyy), bearing Application No. PCT/US2008/081764 (hereinafter "said application").

AND, WHEREAS, **WABTEC HOLDING CORP.**, a corporation of the State of Delaware, having a place of business at 1001 Air Brake Avenue, Wilmerding, Pennsylvania 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 divisions, 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, testify in any legal proceedings, sign all lawful papers, execute all divisional, reissue,

DOMESTIC
Application No. 12/740,066
Attorney Docket No. 4493-101140

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:
Rodney R. Rudat

RESIDENCE:
Jackson, Tennessee

EXECUTED this 15 day of June, 2010

Rodney R. Rudat
SIGNATURE

STATE of TN

COUNTY of MADISON

On this 15 day of JUNE, in the year 2010, before me Melody Morgan
DAY MONTH YEAR NOTARY PUBLIC NAME

a notary public, personally appeared

Rodney R. Rudat

NAME OF DOCUMENT SIGNER

proved on the basis of satisfactory evidence to be the person whose name is subscribed to this instrument, and acknowledged he/she executed the same. Witness my hand and official seal.

My Commission Expires September 18, 2012

Melody Morgan
NOTARY PUBLIC



☒ Checked Box indicates 1 additional page(s) for inventor signatures.

DOMESTIC
Application No. 12/740,066
Attorney Docket No. 4493-101140

2. FULL NAME OF ASSIGNOR:

Joseph Tapley

RESIDENCE:

Medon, Tennessee

EXECUTED this 15 day of June, 2010

[Signature]
SIGNATURE

STATE of TN

COUNTY of MADISON

On this 15 day of June, in the year 2010, before me Melody Morgan

a notary public, personally appeared

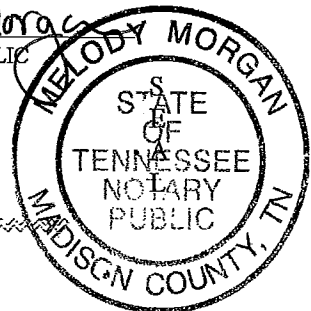
Joseph Tapley

NAME OF DOCUMENT SIGNER

proved on the basis of satisfactory evidence to be the person whose name is subscribed to this instrument, and acknowledged he/she executed the same. Witness my hand and official seal.

My Commission Expires September 18, 2012

Melody Morgan
NOTARY PUBLIC



3. FULL NAME OF ASSIGNOR:

Jay S. Korth

RESIDENCE:

Jackson, Tennessee

EXECUTED this 15 day of June, 2010

[Signature]
SIGNATURE

STATE of TN

COUNTY of MADISON

On this 15 day of June, in the year 2010, before me Melody Morgan

a notary public, personally appeared

Jay S. Korth

NAME OF DOCUMENT SIGNER

proved on the basis of satisfactory evidence to be the person whose name is subscribed to this instrument, and acknowledged he/she executed the same. Witness my hand and official seal.

My Commission Expires September 18, 2012

Melody Morgan
NOTARY PUBLIC

