

**PATENT ASSIGNMENT**

Electronic Version v1.1  
 Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
Steffen Jahn	10/08/2010
Ralph Willbrandt	10/08/2010
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	Bombardier Transportation GmbH
<b>Street Address:</b>	Schoneberger Ufer 1
<b>City:</b>	Berlin
<b>State/Country:</b>	GERMANY
<b>Postal Code:</b>	D-10785
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
<b>Application Number:</b>	12919056
<b>CORRESPONDENCE DATA</b>	
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<b>ATTORNEY DOCKET NUMBER:</b>	3181-102615
<b>NAME OF SUBMITTER:</b>	Russell D. Orkin Reg. No. 25,363
Total Attachments: 3 source=Assignment#page1.tif source=Assignment#page2.tif	

OP \$40.00 12919056

**501381872**

**PATENT**  
**REEL: 025513 FRAME: 0645**



### 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)**  
Steffen Jahn  
Ralph Willbrandt

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

**3. Nature of conveyance/Execution Date(s):**  
Execution Date(s) October 08, 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: BOMBARDIER TRANSPORTATION GmbH  
Internal Address: \_\_\_\_\_

Street Address: Schöneberger Ufer 1  
City: Berlin  
State: \_\_\_\_\_  
Country: GERMANY Zip: DE-10785

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

**4. Application or patent number(s):**  
A. Patent Application No.(s)  
12/919,056

This document is being filed together with a new application.  
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  
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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:**  December 16, 2010  
Signature Date

Russell D. Orkin, Registration No. 25,363 Total number of pages including cover sheet, attachments, and documents: 3  
Name of Person Signing

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

Doc. No.

INTERNATIONAL  
Application No. 12/919,056  
Attorney Docket No. 3181-102615

ASSIGNMENT

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

RAILWAY VEHICLE WITH EXHAUST GAS CLEANING

(Invention Title)

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 08/24/2010 (mm/dd/yyyy) and bears Application Number 12/919,056 (hereinafter "said application").

AND/OR

for which an international patent application was filed under the Patent Cooperation Treaty on 02/25/2009 (mm/dd/yyyy), bearing Application No. PCT/EP2009/052229 (hereinafter "said application").

AND, WHEREAS, **BOMBARDIER TRANSPORTATION GmbH**, a corporation of Germany, having a place of business at Schöneberger Ufer 1, DE-10785 Berlin, Germany, 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, 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: Ralph WILLBRANDT RESIDENCE: Oranienburg, Germany

EXECUTED this 8<sup>th</sup> day of OCT., 2010

  
SIGNATURE

WITNESS:





2. FULL NAME OF ASSIGNOR: Steffen JAHN RESIDENCE: Hennigsdorf, Germany

EXECUTED this 8<sup>th</sup> day of OCT., 2010

  
SIGNATURE

WITNESS:



Checked Box indicates \_\_\_ additional page(s) for inventor signatures.