

## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1  
 Stylesheet Version v1.2

EPAS ID: PAT3492999

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
ROBERT CZAINSKI	02/13/2015
MICHAEL MOLLERS	07/07/2015
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	BOMBARDIER TRANSPORTATION GMBH
<b>Street Address:</b>	SCHOENEKER UFER 1
<b>City:</b>	BERLIN
<b>State/Country:</b>	GERMANY
<b>Postal Code:</b>	10785
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
<b>Application Number:</b>	14409208
<b>CORRESPONDENCE DATA</b>	
<b>Fax Number:</b>	(412)945-5933
<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>	
<b>Phone:</b>	412-471-8815
<b>Email:</b>	assignments@webblaw.com
<b>Correspondent Name:</b>	THE WEBB LAW FIRM, P.C.
<b>Address Line 1:</b>	ONE GATEWAY CENTER
<b>Address Line 2:</b>	420 FT. DUQUESNE BLVD, SUITE 1200
<b>Address Line 4:</b>	PITTSBURGH, PENNSYLVANIA 15222
<b>ATTORNEY DOCKET NUMBER:</b>	5997-147543
<b>NAME OF SUBMITTER:</b>	RUSSELL D. ORKIN
<b>SIGNATURE:</b>	/Russell D. Orkin/
<b>DATE SIGNED:</b>	08/21/2015
<b>Total Attachments: 5</b>	
source=147543Assignment#page1.tif	
source=147543Assignment#page2.tif	
source=147543Assignment#page3.tif	
source=147543Assignment#page4.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)**

Robert CZAINSKI  
Michael MOLLERS

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

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

Execution Date(s) February 13, 2015; July 7, 2015

- ☒ 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: Schoeneberger Ufer 1

City: Berlin

State: \_\_\_\_\_

Country: GERMANY Zip: 10785

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)

14/409,208

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: One Gateway Center  
420 Ft. Duquesne Blvd., Ste 1200

City: Pittsburgh

State: PA Zip: 15222

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) \$ 0**

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

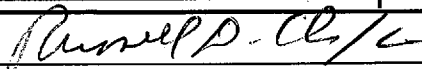
**8. Payment Information**

a. Credit Card Last 4 Numbers \_\_\_\_\_  
Expiration Date \_\_\_\_\_

b. Deposit Account Number \_\_\_\_\_

Authorized User Name \_\_\_\_\_

**9. Signature:**



Signature

August 21, 2015

Date

Russell D. Orkin

Name of Person Signing

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

5

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. 3643972

**PATENT**  
**REEL: 036389 FRAME: 0797**

**ASSIGNMENT**

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

**ELECTRIC POWER SUPPLY SYSTEM, VEHICLE AND METHOD OF  
OPERATING A VEHICLE**

(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 \_\_\_\_\_ (mm/dd/yyyy) and bears Application Number \_\_\_\_\_ (hereinafter "said application").

AND/OR

☒ for which an international patent application was filed under the Patent Cooperation Treaty on 07/03/2013 (mm/dd/yyyy), bearing Application No. PCT/EP2013/063990 (hereinafter "said application").

AND, WHEREAS, **Bombardier Transportation GmbH**, a corporation of Germany, having a place of business at **Schoeneberger Ufer 1, 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.

INTERNATIONAL

Application No. \_\_\_\_\_

Attorney Docket No. 5997-147543

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:

Robert CZAINSKI

RESIDENCE:

Szczecin, Poland

EXECUTED this 13 day of FEBRUARY, 2014<sup>5</sup>



SIGNATURE

WITNESS:

Kimberly Teraud

2. FULL NAME OF ASSIGNOR:

Michael MOLLERS

RESIDENCE:

Mannheim, Germany

EXECUTED this \_\_\_\_ day of \_\_\_\_\_, 2014

SIGNATURE

WITNESS:

INTERNATIONAL

Application No. \_\_\_\_\_

Attorney Docket No. 5997-147543

**ASSIGNMENT**

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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.

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INTERNATIONAL  
Application No. \_\_\_\_\_

Attorney Docket No. 5997-147543

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1. FULL NAME OF ASSIGNOR:

Robert CZAINSKI

RESIDENCE:

Szczecin, Poland

EXECUTED this \_\_\_\_\_ day of \_\_\_\_\_, 2014

\_\_\_\_\_  
SIGNATURE

WITNESS:

\_\_\_\_\_

~~~~~

2. FULL NAME OF ASSIGNOR:

Michael MOLLERS

RESIDENCE: ESCHERBURG

Mannheim, Germany

EXECUTED this 7 day of July, 2014 2015

M. Moller

\_\_\_\_\_  
SIGNATURE

WITNESS:

Rene Tena