

## PATENT ASSIGNMENT

Electronic Version v1.1  
 Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT												
NATURE OF CONVEYANCE:	ASSIGNMENT												
CONVEYING PARTY DATA													
<table border="1"> <thead> <tr> <th>Name</th> <th>Execution Date</th> </tr> </thead> <tbody> <tr> <td>James Fredrick Wiemeyer</td> <td>11/30/2012</td> </tr> <tr> <td>Michael Patrick Deitz</td> <td>11/30/2012</td> </tr> <tr> <td>Dale Alexander Brown</td> <td>11/30/2012</td> </tr> <tr> <td>Lawrence Stanley Przybylski</td> <td>11/30/2012</td> </tr> <tr> <td>Wayne Allen Rudolph</td> <td>11/30/2012</td> </tr> </tbody> </table>		Name	Execution Date	James Fredrick Wiemeyer	11/30/2012	Michael Patrick Deitz	11/30/2012	Dale Alexander Brown	11/30/2012	Lawrence Stanley Przybylski	11/30/2012	Wayne Allen Rudolph	11/30/2012
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Lawrence Stanley Przybylski	11/30/2012												
Wayne Allen Rudolph	11/30/2012												
RECEIVING PARTY DATA													
Name:	Electro-Motive Diesel, Inc.												
Street Address:	9301 West 55th St.												
City:	LaGrange												
State/Country:	ILLINOIS												
Postal Code:	60525												
PROPERTY NUMBERS Total: 1													
<table border="1"> <thead> <tr> <th>Property Type</th> <th>Number</th> </tr> </thead> <tbody> <tr> <td>Application Number:</td> <td>13690797</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	13690797								
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CORRESPONDENCE DATA													
Fax Number:	202-408-44												
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>													
Phone:	202-408-4000												
Email:	kimsm@finnegan.com												
Correspondent Name:	Yuefei Ma												
Address Line 1:	11955 Freedom Dr. #800												
Address Line 4:	Reston, VIRGINIA 20001-4413												
ATTORNEY DOCKET NUMBER:	08350.0922-00000												
NAME OF SUBMITTER:	Sun Kim												
Total Attachments: 5													

OP \$40.00 13690797

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**RECORDATION FORM COVER SHEET  
PATENTS ONLY**

U.S. Department of Commerce  
Patent and Trademark Office  
Attorney Docket No. 08350.0922  
Client Ref No. 12-0320

**To the Director of the U.S. Patent and Trademark Office:  
Please record the attached original documents or copy thereof.**

**Mail Stop Assignment Recordation Services**

<p>1. Name of conveying party(ies):</p> <p>James Fredrick WIEMEYER; Michael Patrick DEITZ; Dale Alexander BROWN; Lawrence Stanley PRZYBYLSKI; and Wayne Allen RUDOLPH</p>	<p>2. Name and address of receiving party(ies):</p> <p>Name: Electro-Motive Diesel, Inc.</p>
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Additional name(s) of conveying party(ies) attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Internal Address:
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3. Nature of conveyance:	Street Address: 9301 West 55 <sup>th</sup> St.
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<input checked="" type="checkbox"/> Assignment	<input type="checkbox"/> Merger	City: LaGrange
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<input type="checkbox"/> Security Agreement	<input type="checkbox"/> Change of Name	State: IL	Zip Code: 60525
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<input type="checkbox"/> Joint Research Agreement	<input type="checkbox"/> Government Interest Assignment	Additional name(s) & Address(es) attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
<input type="checkbox"/> Executive Order 9424, Confirmatory License	<input type="checkbox"/> Other:	

Execution Date: November 30, 2012

<p>4. Application number(s) or patent number(s): If this document is being filed together with a new application, the execution date of the application:</p> <p>A. Patent Application Number(s):</p>	<p>B. Patent Number(s):</p>
Additional numbers attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	

5. Name and address of party to whom correspondence concerning document should be mailed:	6. Total number of applications and patents involved: 1
---	--

Name: Christopher P. Isaac (202) 408-4000

Internal Address: FINNEGAN, HENDERSON, FARABOW, GARRETT & DUNNER, L.L.P.

Street Address: 901 New York Avenue, N.W.

City: Washington, D.C.


State: Zip: 20001-4413

7. Total fee (37 CFR 1.21(h) and 3.41): \$40	<input checked="" type="checkbox"/> Enclosed (Please charge deficiency or credit overpayment to deposit account 06-0916)
	<input type="checkbox"/> Authorized to be charged to deposit account

8. Deposit Account No.: 06-0916

9. Statement and signature.

To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.

Signed:  November 30, 2012

Yuefei Ma | Limited Reg. No. L0398 Date

Total number of pages including cover sheet, attachments and documents: 5

**ASSIGNMENT**

WHEREAS I/We, the below named inventor(s), [hereinafter referred to as Assignor(s)], have made an invention entitled:

**DISTRIBUTED CONTROL SYSTEM FOR A LOCOMOTIVE**

for which I/We will or have filed a patent application; and

WHEREAS, **Electro-Motive Diesel, Inc.**, a corporation of **Delaware** whose post office address is **9301 West 55<sup>th</sup> St., LaGrange, IL 60525** (hereinafter referred to as Assignee), is desirous of securing the entire right, title, and interest in and to this invention, and in and to the patent application for this invention and any and all patents to be issued upon this application throughout the world;

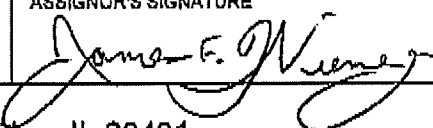
NOW THEREFORE, be it known that for good and valuable consideration the receipt of which from Assignee is hereby acknowledged, I/We, as Assignor(s), have sold, assigned, transferred, and set over, and do hereby sell, assign, transfer, and set over unto the Assignee, its lawful successors and assigns, my/our entire right, title, and interest in and to this invention, provisional application Serial No. \_\_\_\_\_, filed \_\_\_\_\_, [INSERT ONLY IF CLAIMING PRIORITY TO A US PROVISIONAL APPLICATION] and this application, and all divisions, and continuations thereof, and all patents which may be granted thereon, and all reissues thereof, as well as all rights to claim priority in any country or jurisdiction or patent office on the basis of this application, and all applications for patents which may hereafter be filed for this invention in any country or jurisdiction or patent office and all patents which may be granted on this invention in any country or jurisdiction or patent office, and all extensions, renewals, and reissues thereof; and I/We hereby authorize and request any official of any country or jurisdiction or patent office whose duty it is to issue patents on applications as described above, to issue all patents for this invention to Assignee, its successors and assigns, in accordance with the terms of this Assignment;

AND, I/WE HEREBY covenant that I/We have the full right to convey the interest assigned by this Assignment, and I/We have not executed and will not execute any agreement in conflict with this Assignment;


AND, I/WE HEREBY further covenant and agree that I/We will, without further consideration, communicate with Assignee, its successors and assigns, any facts known to me/us respecting this invention, and testify in any legal proceeding, sign all lawful papers when called upon to do so, execute and deliver any and all papers that may be necessary or desirable to perfect the title to this invention in said Assignee, its successors or assigns, execute all divisional, continuation, and reissue applications, make all rightful oaths and generally do everything possible to aid Assignee, its successors and assigns, to obtain and enforce proper patent protection for this invention in any country or jurisdiction or patent office, it being understood that any expense incident to the execution of such papers shall be borne by the Assignee, its successors and assigns;

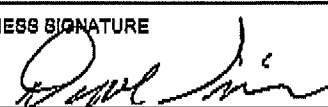
AND, I/WE HEREBY authorize Assignee or the attorneys/representatives of Assignee to insert here in parentheses the country, application number, and official filing date ( \_\_\_\_\_ Application No. \_\_\_\_\_, filed \_\_\_\_\_ ).

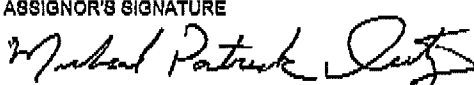
IN TESTIMONY WHEREOF, I/We have hereunto set our hands.

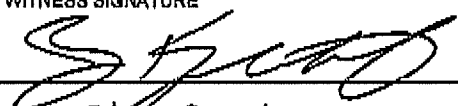
1. FULL NAME OF FIRST ASSIGNOR James Fredrick Wiemeyer	ASSIGNOR'S SIGNATURE 	DATE 11/30/2012
ADDRESS 13627 South Janas Parkway, Homer Glen, IL 60491		CITIZENSHIP USA

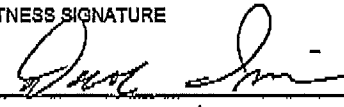
SOLE/JOINT INVENTION  
(Worldwide Rights)  
Attorney Docket No. 08350.0922  
Client Ref. No. 12-0320

1. WITNESS NAME Brian Holdoff	WITNESS SIGNATURE 	DATE 11/30/12
ADDRESS 11949 Winterberry Lane	Plainfield, IL 60585	CITIZENSHIP USA


2. WITNESS NAME Dave Trion	WITNESS SIGNATURE 	DATE 11/30/12
ADDRESS 309 W. Gartner Rd.,	Naperville, IL 60540	CITIZENSHIP USA

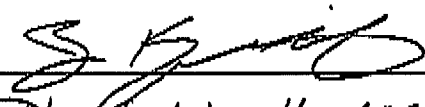
2. FULL NAME OF SECOND ASSIGNOR, IF ANY Michael Patrick Deitz	ASSIGNOR'S SIGNATURE 	DATE 11/30/12
ADDRESS 344 Waxwing Avenue,	Naperville, IL 60565	CITIZENSHIP USA


1. WITNESS NAME Brian Holdoff	WITNESS SIGNATURE 	DATE 11/30/12
ADDRESS 11949 Winterberry Lane	Plainfield, IL 60585	CITIZENSHIP USA

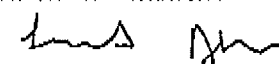
2. WITNESS NAME Dave Trion	WITNESS SIGNATURE 	DATE 11/30/2012
ADDRESS 309 W. Gartner Rd.,	Naperville, IL 60540	CITIZENSHIP USA

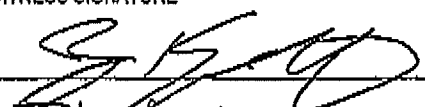
SOLE/JOINT INVENTION  
(Worldwide Rights)  
Attorney Docket No. 08360.0922  
Client Ref. No. 12-0320

3. FULL NAME OF THIRD ASSIGNOR, IF ANY Dale Alexander Brown	ASSIGNOR'S SIGNATURE 	DATE Nov 30, 2012
ADDRESS 228 East Avenue, LaGrange, IL 60525		CITIZENSHIP USA

1. WITNESS NAME Brian Koldoff	WITNESS SIGNATURE 	DATE 11/30/12
ADDRESS 11949 Winterberry home Plainfield, IL 60585		CITIZENSHIP USA

2. WITNESS NAME Dave Trion	WITNESS SIGNATURE 	DATE 11/30/12
ADDRESS 309 W. Gartner Rd, Naperville, IL 60540		CITIZENSHIP USA

4. FULL NAME OF FOURTH ASSIGNOR, IF ANY Lawrence Stanley Przybylski	ASSIGNOR'S SIGNATURE 	DATE 11/30/2012
ADDRESS 320 Lintz Street, Lemont, IL 60439		CITIZENSHIP USA

1. WITNESS NAME Brian Koldoff	WITNESS SIGNATURE 	DATE 11/30/12
ADDRESS 11949 Winterberry home Plainfield, IL 60585		CITIZENSHIP USA

2. WITNESS NAME <i>DAVE TRION</i>	WITNESS SIGNATURE <i>[Signature]</i>	DATE <i>11/30/12</i>
ADDRESS <i>309 W Gartner Rd., Naperville, IL 60540</i>	CITIZENSHIP <i>USA</i>	

6. FULL NAME OF FIFTH ASSIGNOR, IF ANY <i>Wayne Allen Rudolph</i>	ASSIGNOR'S SIGNATURE <i>[Signature]</i>	DATE <i>11/30/12</i>
ADDRESS <i>13417 Red Fox Court, Lemont, IL 60439</i>	CITIZENSHIP <i>USA</i>	

1. WITNESS NAME <i>Brian Holdoff</i>	WITNESS SIGNATURE <i>[Signature]</i>	DATE <i>11/30/12</i>
ADDRESS <i>11949 Winterberry Lane Plainfield, IL 60585</i>	CITIZENSHIP <i>USA</i>	

2. WITNESS NAME <i>DAVE TRION</i>	WITNESS SIGNATURE <i>[Signature]</i>	DATE <i>11/30/12</i>
ADDRESS <i>309 W. Gartner Rd., Naperville, IL 60540</i>	CITIZENSHIP <i>USA</i>	