

## 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>Saket Ashokkumar MISHRA</td> <td>08/15/2013</td> </tr> <tr> <td>Michael Christopher CONBOY</td> <td>08/15/2013</td> </tr> </tbody> </table>		Name	Execution Date	Saket Ashokkumar MISHRA	08/15/2013	Michael Christopher CONBOY	08/15/2013				
Name	Execution Date										
Saket Ashokkumar MISHRA	08/15/2013										
Michael Christopher CONBOY	08/15/2013										
RECEIVING PARTY DATA											
<table border="1"> <tr> <td>Name:</td> <td>ELECTRO-MOTIVE DIESEL, INC.</td> </tr> <tr> <td>Street Address:</td> <td>9301 W 55th Street</td> </tr> <tr> <td>City:</td> <td>Lagrange</td> </tr> <tr> <td>State/Country:</td> <td>ILLINOIS</td> </tr> <tr> <td>Postal Code:</td> <td>60525</td> </tr> </table>		Name:	ELECTRO-MOTIVE DIESEL, INC.	Street Address:	9301 W 55th Street	City:	Lagrange	State/Country:	ILLINOIS	Postal Code:	60525
Name:	ELECTRO-MOTIVE DIESEL, INC.										
Street Address:	9301 W 55th Street										
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>13968673</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	13968673						
Property Type	Number										
Application Number:	13968673										
CORRESPONDENCE DATA											
Fax Number: 2024084400 <i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i> Phone: 202-408-4000 Email: faxserve@finnegan.com Correspondent Name: CATERPILLAR/FINNEGAN, HENDERSON, L.L.P. Address Line 1: 901 New York Avenue, NW Address Line 4: WASHINGTON, DISTRICT OF COLUMBIA 20001-4413											
ATTORNEY DOCKET NUMBER:	08350.1153-00000										
NAME OF SUBMITTER:	Virginia McNelis-Clark										
Signature:	/Virginia McNelis-Clark/										
Date:	08/16/2013										
Total Attachments: 3 source=1153assignment_001#page1.tif source=1153assignment_001#page2.tif source=1153assignment_001#page3.tif											

OP \$40.00 13968673

FORM PTO-1595 1-31-92		RECORDATION FORM COVER SHEET PATENTS ONLY		U.S. Department of Commerce Patent and Trademark Office Attorney Docket No. 08350.1153-00000 Attorney Customer Number: 58,982	
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	
1. Name of conveying party: a) Saket Ashokkumar MISHRA b) Michael Christopher CONBOY		2. Name and address of receiving party(ies): Name: Electro-Motive Diesel, Inc.			
Additional name(s) of conveying party(ies) attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		Internal Address:			
3. Nature of conveyance:		Street Address: 9301 W 55 <sup>th</sup> Street			
<input checked="" type="checkbox"/> Assignment	<input type="checkbox"/> Merger	City: Lagrange			
<input type="checkbox"/> Security Agreement	<input type="checkbox"/> Change of Name	State: IL	Zip Code: 60525		
<input type="checkbox"/> Other:		Additional name(s) & Address(es) attached?			
Execution Date: a) August 15, 2013 b) August 15, 2013		<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No			
Application number(s) or patent number(s): If this document is being filed together with a new application, the execution date of the application: a) August 15, 2013; b) August 15, 2013		A. Patent Number(s):			
Additional numbers attached?		<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No			
4. Name and address of party to whom correspondence concerning document should be mailed: Name: Christopher P. Isaac		Total number of applications and registrations involved: 1			
Internal Address: FINNEGAN, HENDERSON, FARABOW, GARRETT & DUNNER, L.L.P.		5. Total fee (37 CFR 3.41): \$40 <input checked="" type="checkbox"/> Enclosed (Please charge deficiency to deposit account) <input type="checkbox"/> Authorized to be charged to deposit account			
Street Address: 901 New York Avenue, N.W.					
City: Washington, D.C.					
State: Zip: 20001		6. Deposit Account No. 06-0916			
7. 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.					
Ryan C. Stockett, Reg. No. 53,642		/Ryan C. Stockett/		August 16, 2013	
		Signature		Date	
Total number of pages including cover sheet, attachments and documents: 3					

### ASSIGNMENT

WHEREAS I/We, the below named inventors, hereinafter referred to as Assignors, have made an invention entitled:

#### PINION SEAL FOR TRACTION MOTOR GEAR CASE

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 W 55<sup>th</sup> Street, 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;

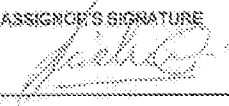
NOW THEREFORE, be it known that for good and valuable consideration the receipt of which from Assignee is hereby acknowledged, I/We, as Assignor(s), have sold, assigned, transferred, and set over, and do hereby sell, assign, transfer, and set over unto the Assignee, its lawful successors and assigns, my/our entire right, title, and interest in and to this invention, 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 the attorneys/representatives that I/WE have empowered to prosecute this application 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 SOLE OR FIRST ASSIGNOR <b>Saket Ashokkumar MISHRA</b>	ASSIGNOR'S SIGNATURE 	DATE <b>8-15-13</b>
ADDRESS <b>1141 Woodview Road, Burr Ridge, IL 60527</b>		CITIZENSHIP <b>INDIA</b>

SOLE/JOINT INVENTION  
(Worldwide Rights)  
Attorney Docket No. 08350.1153-00000  
Client Ref. No. 13-0671

1. WITNESS NAME <i>Sean Britt</i>	WITNESS SIGNATURE <i>Sean Britt</i>	DATE <i>8/15/2013</i>
ADDRESS <i>414 McDonalds Cir Unit 201 Channah Hills IL 60514</i>		CITIZENSHIP <i>USA</i>
2. WITNESS NAME <i>KEVIN BRINKER</i>	WITNESS SIGNATURE <i>K Brinker</i>	DATE <i>8/15/2013</i>
ADDRESS <i>11250 EXETER DRIVE GRAND PARK IL 60167</i>		CITIZENSHIP <i>USA</i>

2. FULL NAME OF SECOND ASSIGNOR <b>Michael Christopher CONBOY</b>	ASSIGNOR'S SIGNATURE <i>Michael Conboy</i>	DATE <i>8-15-13</i>
ADDRESS <b>149 N. Pinecrest, Bolingbrook, IL 60440</b>		CITIZENSHIP <b>USA</b>

1. WITNESS NAME <i>Sean Britt</i>	WITNESS SIGNATURE <i>Sean Britt</i>	DATE <i>8/15/2013</i>
ADDRESS <i>414 McDonalds Cir Unit 201 Channah Hills IL 60514</i>		CITIZENSHIP <i>USA</i>

2. WITNESS NAME <i>KEVIN BRINKER</i>	WITNESS SIGNATURE <i>K Brinker</i>	DATE <i>8/15/2013</i>
ADDRESS <i>11250 EXETER DRIVE GRAND PARK IL 60167</i>		CITIZENSHIP <i>USA</i>