

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>Pradeep GANESAN</td> <td>11/26/2012</td> </tr> <tr> <td>Satyajit GOWDA</td> <td>11/26/2012</td> </tr> </tbody> </table>		Name	Execution Date	Pradeep GANESAN	11/26/2012	Satyajit GOWDA	11/26/2012				
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RECEIVING PARTY DATA											
<table border="1"> <tr> <td>Name:</td> <td>Electro-Motive Diesel, Inc.</td> </tr> <tr> <td>Street Address:</td> <td>9301 West 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 West 55th Street	City:	LaGrange	State/Country:	ILLINOIS	Postal Code:	60525
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PROPERTY NUMBERS Total: 1											
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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:	08350.0546										
NAME OF SUBMITTER:	Andrea A. Pinkney										
Total Attachments: 4 source=Assignments#page1.tif source=Assignments#page2.tif source=Assignments#page3.tif source=Assignments#page4.tif											

OP \$40.00 13658939

PATENT

ASSIGNMENT

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

AFTER-TREATMENT DEVICE

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 55th 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;

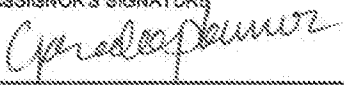
NOW THEREFORE, be it known that for good and valuable consideration the receipt of which from Assignee is hereby acknowledged, I/We, as Assignor(s), have sold, assigned, transferred, and set over, and do hereby sell, assign, transfer, and set over unto the Assignee, its lawful successors and assigns, my/our entire right, title, and interest in and to this invention, provisional application Serial No. _____, filed _____, 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 (USA Application No. 13/658,939, filed October 24, 2012).

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

1. FULL NAME OF SOLE OR FIRST ASSIGNOR Pradeep GANESAN	ASSIGNOR'S SIGNATURE 	DATE 11/26/2012
ADDRESS 1307 N. Greenvlew, #3R		CITIZENSHIP INDIA
Chicago, IL 60642		

1. WITNESS NAME	WITNESS SIGNATURE	DATE
Kyle Figge	Kyle Figge	11/26/12
ADDRESS		CITIZENSHIP
447 Homestead Rd Apt. 2		USA
La Grange Park, IL 60526		

2. WITNESS NAME	WITNESS SIGNATURE	DATE
Carlos Marroquin	Carlos Marroquin	11/26/12
ADDRESS		CITIZENSHIP
2401 Old Tavern Rd.	La Grange, IL 60532	NA

2. FULL NAME OF SECOND ASSIGNOR, IF ANY	ASSIGNOR'S SIGNATURE	DATE
Satyajit GOWDA		
ADDRESS		CITIZENSHIP
F107, Gopalan Grandeur, Hoodi Circle, Near ITPL Road,		INDIA
Mahadevpura, Bangalore 560048		

1. WITNESS NAME	WITNESS SIGNATURE	DATE
ADDRESS		CITIZENSHIP

2. WITNESS NAME	WITNESS SIGNATURE	DATE
ADDRESS		CITIZENSHIP

ASSIGNMENT

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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 55th 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, provisional application Serial No. _____, filed _____, 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;

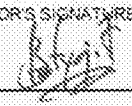
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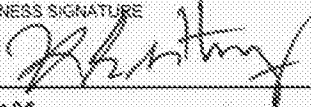
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Pradeep GANESAN		
ADDRESS		CITIZENSHIP
1307 N. Greenvview, #3R		INDIA
Chicago, IL 60642		

1. WITNESS NAME	WITNESS SIGNATURE	DATE
ADDRESS		CITIZENSHIP

2. WITNESS NAME	WITNESS SIGNATURE	DATE
ADDRESS		CITIZENSHIP

2. FULL NAME OF SECOND ASSIGNOR, IF ANY	ASSIGNOR'S SIGNATURE	DATE
Satyajit GOWDA		26 Nov - 2012
ADDRESS		CITIZENSHIP
F107, Gopalan Grandeur, Hoodi Circle, Near ITPL Road,		INDIA
Mahadevpura, Bangalore 560048		

1. WITNESS NAME	WITNESS SIGNATURE	DATE
ESWARAMOORTHY, K		26-NOV-2012
ADDRESS		CITIZENSHIP
9A, 5TH MAIN, 6TH CROSS, RAMACHANDRAPPA LAYOUT, KARIYAMPALLYA, St. THOMAS TOWN, BANGALORE-560084		INDIAN

2. WITNESS NAME	WITNESS SIGNATURE	DATE
JAYANTH R		26-NOV-2012
ADDRESS		CITIZENSHIP
No. 14, I Main Road, Nagasabavi Village Bangalore - 560072		INDIAN