

PATENT ASSIGNMENT

Electronic Version v1.1

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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>Gary Robert Svihla</td> <td>01/31/2013</td> </tr> <tr> <td>Joshua Schueler</td> <td>01/31/2013</td> </tr> <tr> <td>Shakeel Nasir</td> <td>01/31/2013</td> </tr> <tr> <td>Keith Moravec</td> <td>01/31/2013</td> </tr> </tbody> </table>	Name	Execution Date	Gary Robert Svihla	01/31/2013	Joshua Schueler	01/31/2013	Shakeel Nasir	01/31/2013	Keith Moravec	01/31/2013	
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Gary Robert Svihla	01/31/2013										
Joshua Schueler	01/31/2013										
Shakeel Nasir	01/31/2013										
Keith Moravec	01/31/2013										
RECEIVING PARTY DATA											
Name:	Electro-Motive Diesel, Inc.										
Street Address:	9301 West 55th Street										
City:	LaGrange										
State/Country:	ILLINOIS										
Postal Code:	60525										
PROPERTY NUMBERS Total: 1											
Property Type	Number										
Application Number:	13755687										
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:	08350.0990-00000										
NAME OF SUBMITTER:	Andrea A. Pinkney										
Total Attachments: 4 source=Assignment#page1.tif source=Assignment#page2.tif source=Assignment#page3.tif source=Assignment#page4.tif											

OP \$40.00 13755687

ASSIGNMENT

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

TURBOCHARGER WITH AXIAL TURBINE STAGE

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;

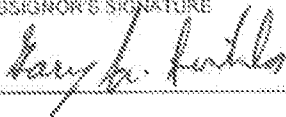
NOW THEREFORE, be it known that for good and valuable consideration the receipt of which from Assignee is hereby acknowledged, I/We, as Assignor(s), have sold, assigned, transferred, and set over, and do hereby sell, assign, transfer, and set over unto the Assignee, its lawful successors and assigns, my/our entire right, title, and interest in and to this invention, 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 SOLE OR FIRST ASSIGNOR Gary Robert Svihla	ASSIGNOR'S SIGNATURE 	DATE 31 JAN 13
ADDRESS 146 Surrey Lane		CITIZENSHIP United States
Burr Ridge, IL 60527		

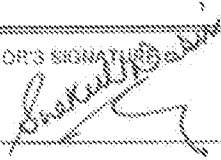
1. WITNESS NAME RICHARD G. EGGERT	WITNESS SIGNATURE <i>Richard G. Eggert</i>	DATE 1-31-2013
ADDRESS 6732 Woodridge Dr.		CITIZENSHIP United States
WOODRIDGE, IL 60517		

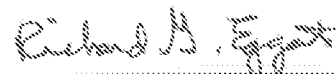
2. WITNESS NAME DIANA J. GRUBE	WITNESS SIGNATURE <i>Diana J. Grube</i>	DATE 1/31/2013
ADDRESS 13407 HUNTMASTER LN		CITIZENSHIP United States
LEMONT, IL 60439		

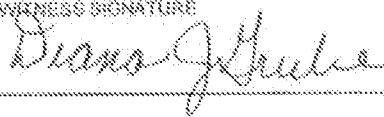
2. FULL NAME OF SECOND ASSIGNOR, IF ANY Joshua Schueler	ASSIGNOR'S SIGNATURE <i>Joshua Schueler</i>	DATE JAN 31, 2013
ADDRESS 2862 Cole Lane		CITIZENSHIP United States
New Lenox, IL 60451		

1. WITNESS NAME RICHARD G. EGGERT	WITNESS SIGNATURE <i>Richard G. Eggert</i>	DATE 1-31-2013
ADDRESS 6732 Woodridge Dr.		CITIZENSHIP United States
WOODRIDGE, IL 60517		

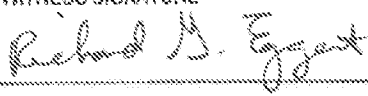
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ADDRESS 13407 HUNTMASTER LN		CITIZENSHIP United States
LEMONT, IL 60439		

2. FULL NAME OF THIRD ASSIGNOR, IF ANY Shakeel Nasir	ASSIGNOR'S SIGNATURE 	DATE 01/31/2013
ADDRESS 5931 Stewart Drive, Apt # 1021 Willowbrook, IL 60527		CITIZENSHIP Pakistan

1. WITNESS NAME RICHARD G. EGGERT	WITNESS SIGNATURE 	DATE 1-31-2013
ADDRESS 6732 Woodridge Dr. WOODRIDGE, IL 60517		CITIZENSHIP United States

2. WITNESS NAME DIANA J. GRUBE	WITNESS SIGNATURE 	DATE 1/31/2013
ADDRESS 13407 HUNTMASER LN LEMONT, IL 60439		CITIZENSHIP United States

2. FULL NAME OF FOURTH ASSIGNOR, IF ANY Keith Moravec	ASSIGNOR'S SIGNATURE 	DATE 1/31/2013
ADDRESS 225 7th Street Downers Grove, IL 60515		CITIZENSHIP United States

1. WITNESS NAME RICHARD G. EGGERT	WITNESS SIGNATURE 	DATE 1-31-2013
ADDRESS 6732 Woodridge Dr. WOODRIDGE, IL 60517		CITIZENSHIP United States

SOLE/JOINT INVENTION
(Worldwide Rights)
Attorney Docket No. 08350.0990-00000
Client Ref. No. 12-1100

2. WITNESS NAME DIANA J. GRUBE	WITNESS SIGNATURE <i>Diana Grube</i>	DATE 1/31/2013
ADDRESS 13407 HUNTMASTER LN LEMONT, IL 60439		CITIZENSHIP United States