

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>Teoman Uzkan</td> <td>08/22/2012</td> </tr> <tr> <td>Thomas G. Gallagher</td> <td>08/22/2012</td> </tr> </tbody> </table>		Name	Execution Date	Teoman Uzkan	08/22/2012	Thomas G. Gallagher	08/22/2012
Name	Execution Date						
Teoman Uzkan	08/22/2012						
Thomas G. Gallagher	08/22/2012						
RECEIVING PARTY DATA							
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>13485348</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	13485348		
Property Type	Number						
Application Number:	13485348						
CORRESPONDENCE DATA							
Fax Number:	2024084400						
Phone:	202-408-4000						
Email:	bruce.zotter@finnegan.com						
<i>Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent via US Mail.</i>							
Correspondent Name:	Bruce C. Zotter						
Address Line 1:	901 New York Avenue						
Address Line 2:	FINNEGAN LLP						
Address Line 4:	Washington, DISTRICT OF COLUMBIA 20005						
ATTORNEY DOCKET NUMBER:	08350.0561-00000						
NAME OF SUBMITTER:	Bruce C. Zotter						
Total Attachments: 2 source=11-0141_ExecutedAssgn#page1.tif source=11-0141_ExecutedAssgn#page2.tif							

OP \$40.00 13485348

ASSIGNMENT

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

SYSTEM FOR REDUCING ENGINE EMISSIONS AND BACKPRESSURE USING PARALLEL EMISSION REDUCTION EQUIPMENT

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. 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. 61/502,610, filed June 29, 2011**, 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;


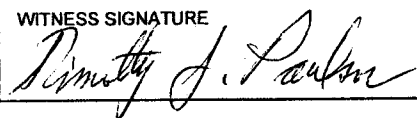
AND, I/WE HEREBY covenant that I/We have the full right to convey the interest assigned by this Assignment, and I/We have not executed and will not execute any agreement in conflict with this Assignment;

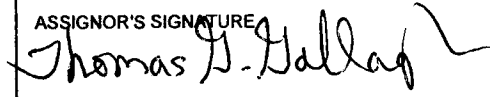

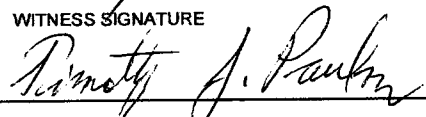
AND, I/WE HEREBY further covenant and agree that I/We will, without further consideration, communicate with Assignee, its successors and assigns, any facts known to me/us respecting this invention, and testify in any legal proceeding, sign all lawful papers when called upon to do so, execute and deliver 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 Teoman UZKAN	ASSIGNOR'S SIGNATURE 	DATE Aug 22, 2012
ADDRESS 23 Hawthorne Square, Indian Head Park, IL 60525		CITIZENSHIP USA

1. WITNESS NAME Dean D. Hodges	WITNESS SIGNATURE 	DATE 8/22/12
ADDRESS 17861 Wilkes Drive Lockport, IL 60441		CITIZENSHIP
2. WITNESS NAME TIMOTHY J. PAULSON	WITNESS SIGNATURE 	DATE 8/22/2012
ADDRESS 417 BUCKINGHAM LANE SCHERERVILLE, IN 46375		CITIZENSHIP USA

2. FULL NAME OF SECOND ASSIGNOR Thomas GALLAGHER	ASSIGNOR'S SIGNATURE 	DATE 8-22-2012
ADDRESS 13542 Capista Drive, Plainfield, IL 60544		CITIZENSHIP USA
1. WITNESS NAME Dean D. Hodges	WITNESS SIGNATURE 	DATE 8/22/12
ADDRESS 17861 Wilkes Drive Lockport, IL 60441		CITIZENSHIP
2. WITNESS NAME TIMOTHY J. PAULSON	WITNESS SIGNATURE 	DATE 8/22/2012
ADDRESS 417 BUCKINGHAM LANE SCHERERVILLE IN 46375		CITIZENSHIP USA