

## 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>Aaron Gamache FOEGE</td> <td>07/31/2012</td> </tr> <tr> <td>Joshua Wayne STEFFEN</td> <td>07/31/2012</td> </tr> </tbody> </table>		Name	Execution Date	Aaron Gamache FOEGE	07/31/2012	Joshua Wayne STEFFEN	07/31/2012
Name	Execution Date						
Aaron Gamache FOEGE	07/31/2012						
Joshua Wayne STEFFEN	07/31/2012						
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							
<table border="1"> <thead> <tr> <th>Property Type</th> <th>Number</th> </tr> </thead> <tbody> <tr> <td>Application Number:</td> <td>13562808</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	13562808		
Property Type	Number						
Application Number:	13562808						
CORRESPONDENCE DATA							
Fax Number:	2024084400						
Email:	jameson.ma@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:	Jameson Q. Ma						
Address Line 1:	901 New York Avenue, NW						
Address Line 4:	Washington, DISTRICT OF COLUMBIA 20001						
ATTORNEY DOCKET NUMBER:	08350.0725-00000						
NAME OF SUBMITTER:	Jameson Q. Ma						
<p>Total Attachments: 4</p> <p>source=08350-0725-00000--01-AUG-2012--FILEDASSIGNMENT#page1.tif</p> <p>source=08350-0725-00000--01-AUG-2012--FILEDASSIGNMENT#page2.tif</p> <p>source=08350-0725-00000--01-AUG-2012--FILEDASSIGNMENT#page3.tif</p> <p>source=08350-0725-00000--01-AUG-2012--FILEDASSIGNMENT#page4.tif</p>							

OP \$40.00 13562808

PATENT

**ASSIGNMENT**

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

**ENERGY RECOVERY SYSTEM FOR A MOBILE MACHINE**

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> 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;

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

1. FULL NAME OF SOLE OR FIRST ASSIGNOR <b>AARON GAMACHE FOEGE</b>	ASSIGNOR'S SIGNATURE 	DATE <b>7/3/12</b>
ADDRESS <b>507 S Park Street, Westmont, IL 60559</b>		CITIZENSHIP <b>USA</b>

1. WITNESS NAME <b>FARHAN DEVANT</b>	WITNESS SIGNATURE 	DATE <b>7-31-2012</b>
ADDRESS <b>7133 GOLF MORTON GROVE, IL 60053</b>		CITIZENSHIP <b>US</b>
2. WITNESS NAME <b>THOMAS SUZICH</b>	WITNESS SIGNATURE 	DATE <b>7-31-2012</b>
ADDRESS <b>23524 SADDLECREEK DRIVE MOUNTAIN VIEW IL 60442</b>		CITIZENSHIP <b>US</b>

1. FULL NAME SECOND ASSIGNOR <b>JOSHUA WAYNE STEFFEN</b>	ASSIGNOR'S SIGNATURE	DATE
ADDRESS <b>295 Thompson Avenue, Mountain View, CA 94043</b>		CITIZENSHIP <b>USA</b>

1. WITNESS NAME	WITNESS SIGNATURE	DATE
ADDRESS		CITIZENSHIP
2. WITNESS NAME	WITNESS SIGNATURE	DATE
ADDRESS		CITIZENSHIP

**ASSIGNMENT**

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

**ENERGY RECOVERY SYSTEM FOR A MOBILE MACHINE**

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> 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;

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ADDRESS <b>507 S Park Street, Westmont, IL 60559</b>		CITIZENSHIP <b>USA</b>

1. WITNESS NAME	WITNESS SIGNATURE	DATE
ADDRESS		CITIZENSHIP
2. WITNESS NAME	WITNESS SIGNATURE	DATE
ADDRESS		CITIZENSHIP

1. FULL NAME SECOND ASSIGNOR <b>JOSHUA WAYNE STEFFEN</b>	ASSIGNOR'S SIGNATURE <i>Joshua Steffen</i>	DATE 7/31/12
ADDRESS 295 Thompson Avenue, Mountain View, CA 94043		CITIZENSHIP USA

1. WITNESS NAME <i>Sarah Steffen</i>	WITNESS SIGNATURE <i>Sarah Steffen</i>	DATE 7/31/12
ADDRESS 295 Thompson Ave, Mountain View, CA 94043		CITIZENSHIP USA
2. WITNESS NAME <i>Daniel Jackson</i>	WITNESS SIGNATURE <i>Daniel Jackson</i>	DATE 31 JUL 12
ADDRESS 2304 N. 22nd Road Marselloe, IL 61341		CITIZENSHIP USA