### PATENT ASSIGNMENT

Electronic Version v1.1 Stylesheet Version v1.1

| SUBMISSION TYPE:      | NEW ASSIGNMENT |
|-----------------------|----------------|
| NATURE OF CONVEYANCE: | ASSIGNMENT     |

## **CONVEYING PARTY DATA**

| Name              | Execution Date |
|-------------------|----------------|
| Scott B. Fiveland | 01/28/2013     |
| Farhan Devani     | 10/30/2012     |

## RECEIVING PARTY DATA

| Name:           | Electro-Motive Diesel, Inc. |
|-----------------|-----------------------------|
| Street Address: | 9301 W 55th Street          |
| City:           | La Grange                   |
| State/Country:  | ILLINOIS                    |
| Postal Code:    | 60525                       |

## PROPERTY NUMBERS Total: 1

| Property Type       | Number   |
|---------------------|----------|
| Application Number: | 13665710 |

## **CORRESPONDENCE DATA**

Fax Number: 2024084400

Correspondence will be sent via US Mail when the fax attempt is unsuccessful.

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: 08350.0903-00000

NAME OF SUBMITTER: Martha Crenshaw

**Total Attachments: 5** 

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> PATENT REEL: 029948 FRAME: 0907

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# RECORDATION FORM COVER SHEET PATENTS ONLY

U.S. Department of Commerce
Patent and Trademark Office
Attorney Docket No. 08350.0903-00000

| Attorney Docket No. 08350.0903-00000 Attorney Customer Number: 58,982  |   |             |   |                          |  |
|--|---|-------------|---|--------------------------|--|
| To the Director of the U.S. Par<br>Please record the attached or   | tent and Trademark Office:<br>iginal documents or copy thereof. |             |   |                          | lecordation Services                   |
| Name of conveying party(ies):     a) Scott B. FIVELAND   |   | 2. N        | Name and address of receiving party(ies): |                          |  |
| b) Farhan DEVANI   |   | Name:       | Electro-Motive                            | e Diesel, Inc.           |  |
| Additional name(s) of conveying party(ies) attached? ☐ Yes ☒ No  |   | Internal Ac | ddress:                                   |                          |  |
| 3. Nature of conveyance:   |   | Street Add  | lress: 9301                               | W 55 <sup>th</sup> Stree | t                                      |
|  | ☐ Merger  | City: L     | a Grange                                  |                          |  |
| Security Agreement   | ☐ Change of Name  | State:      | IL.                                       | Zip Code:                | 60525                                  |
| Joint Research Agreement   | Government Interest Assignment                                  | Additional  | name(s) & Addr                            | ess(es) attach           | ned?                                   |
| Executive Order 9424, Confirmatory License   | Other:  |             | ] Yes                                     | ⊠ No                     |  |
| Execution Date: a) January   | 28, 2013; b) October 30, 2012                                   |             |   |                          |  |
| 4.   | res as an Oath/Declaration (37 CFR 1.63)                        |             |   |                          |  |
| A. Patent Application Nun  | nber(s):  | В. Р        | B. Patent Number(s):                      |                          |  |
|  |   |             |   |                          |  |
|  | Additional numbers attached?                                    | Yes         | ⊠ No                                      |                          |  |
| 5. Name and address of p   | party to whom correspondence should be mailed:                  | 6. Tota     | al number of app                          | olications and           | patents involved: 1                    |
| Name: Christopher P. Isaac   | (202) 408-4000  | 7. Tota     | al fee (37 CFR 1                          | .21(h) and 3.4           | 41): \$40                              |
| Internal Address: FINNEGAN & DUNNER  | , HENDERSON, FARABOW, GARRETT<br>, L.L.P.                       |             |   |                          | deficiency or credit<br>count 06-0916) |
| Street Address: 901 New York Avenue, N.W.  |   |             | Authorized t                              | o be charged             | to deposit account                     |
| City: Washington, D  | .C.   |             |   |                          |  |
| State:   | Zip: 20001-4413   | 8. D        | eposit Account                            | No.: <u>06-0916</u>      |  |
| 9. 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. |   |             |   |                          |  |
| Signed:  | It Londolf O.   | v (entre    |   | March 8                  | , 2013                                 |
|  | Steven M. Landolfi, Reg. No. 69                                 | 9,779       |   | D                        | ate                                    |
| Total number of pages including cover sheet, attachments and documents: 5  |   |             |   |                          |  |

9/2012

JOINT INVENTION (Worldwide Rights) Attorney Docket No. 08350.0903-00000 Client Ref, No. 12-0863

### **ASSIGNMENT**

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

### **FUEL SYSTEM HAVING A COOLED INJECTOR**

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, La Grange, 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;

| parentheses the country, application number filed). | A Committee of the Comm | eation No,         |
|---|--|--------------------|
| IN TESTIMONY WHEREOF, I/We h                        | ave hereunto set our hands.  |                    |
| 1. FULL NAME OF SOLE OR FIRST ASSIGNOR              | ASSIGNOR'S SIGNATURE   | DATE               |
| Scott B. FIVELAND                                   | 18 SJ  | 1/28/2013          |
| ADDRESS 503 Windsor Dr., Metamora, IL 6154          | 48   | CITIZENSHIP<br>USA |
|   |  |                    |

JOINT INVENTION (Worldwide Rights) Attorney Docket No. 08350.0903-00000 Client Ref. No. 12-0863

| 1. WITNESS NAME  | WITNESS SIGNATURE  | DATE   |  |
|--|--|--|--|
| Lynda J. Irish   | upoda Filich   | 1/38/2013  |  |
| ADDRESS  |  | CITIZENSHIP  |  |
| 105 Sunburst Ln.   | 105 Sunburst Ln.   |  |  |
| Washington, IL lets:   | 77   | Annual de la constante de la c |  |
| 2. WITNESS NAME  | WITNESS SIGNATURE  | DATE   |  |
|  |  | 100/2  |  |
| Kenilmeth  | KIPUL PUK  | 1/08/2013  |  |
| 1500 autumn 1.j.   |  | CITIZENSHIP<br>U.5   |  |
| Floria, IL GILO  | 4  |  |  |
|  |  |  |  |
| 2. FULL NAME OF SECOND ASSIGNOR, IF ANY  | ASSIGNOR'S SIGNATURE   | DATE   |  |
| Farhan DEVANI  |  |  |  |
| 7133 Golf Rd., Morton Grove, IL 60053  |  | CITIZENSHIP<br>USA   |  |
|  |  |  |  |
|  |  | •  |  |
| 1. WITNESS NAME  | WITNESS SIGNATURE  | DATE   |  |
|  |  |  |  |
| ADDRESS  | CITIZENSHIP  |  |  |
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| 2. WITNESS NAME  | WITNESS SIGNATURE  | DATE   |  |
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JOINT INVENTION (Worldwide Rights) Attorney Docket No. 08350.0903-00000 Client Ref. No. 12-0863

### **ASSIGNMENT**

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

#### **FUEL SYSTEM HAVING A COOLED INJECTOR**

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, La Grange, 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 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, IWE 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 TESTIMONYWHEREOF, I/We have hereunto set our hands. |                      |                    |
|--|----------------------|--------------------|
| FULL NAME OF SOLE OR FIRST ASSIGNOR     Scott B. FIVELAND  | ASSIGNOR'S SIGNATURE | DATE               |
| ADDRESS<br>503 Windsor Dr., Metamora, IL 61548   |                      | CITIZENSHIP<br>USA |
|  |                      |                    |

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JOINT INVENTION (Worldwide Rights) Attorney Docket No. 08350.0903-00000 Client Ref. No. 12-0863

| 1. WITNESS NAME                         | WITNESS SIGNATURE  | DATE        |
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| ADDRESS                                 |  | CITIZENSHIP |
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| 2. WITNESS NAME                         | WITNESS SIGNATURE  | DATE        |
|   |  |             |
| ADDRESS                                 |  | CITIZENSHIP |
|   |  |             |
|   |  |             |
|   |  |             |
| 2. FULL NAME OF SECOND ASSIGNOR, IF ANY | ASSIGNOR'S SIGNATURE   | DATE        |
| Farhan DEVANI                           | A CONTRACTOR OF THE PARTY OF TH | 10-30-2012  |
|   |  | CITIZENSHIP |
| 7133 Golf Rd., Morton Grove, IL 60053   | USA  |             |
|   |  |             |
|   |  |             |
| 1. WITNESS NAME                         | WITNESS SIGNATURE  | DATE        |
| AMAR NIVARTHI                           | and  | 10/30/2012  |
| ADDRESS                                 |  | CITIZENSHIP |
| GISI KNOLL WOOD RD UNIT                 | 305 WILLOWBROOK, IL-60527  | NAIGNI      |
|   | ,  |             |
|   |  |             |
| 2. WITNESS NAME                         | WITNESS SIGNATURE  | DATE        |
| TOM SUCICH                              |  | 10/30/2012  |
| Anner                                   |  | CITIZENSHIP |
| 23528 SADPLECREEK DRIVE                 | MANHATTAN IL GOLYL   | USA         |
|   |  |             |

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PATENT REEL: 029948 FRAME: 0912