

PATENT ASSIGNMENT

Electronic Version v1.1
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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
Scott E. Ligeski	02/03/2010
Alexander C. Crosman	02/01/2010
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:	11444774
CORRESPONDENCE DATA	
Fax Number:	(312)984-0146
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>	
Phone:	312-984-0144
Email:	ajirut@emcpc.com
Correspondent Name:	Panasam Aim Jirut
Address Line 1:	One North Wacker Drive
Address Line 2:	Suite 4130
Address Line 4:	Chicago, ILLINOIS 60606
ATTORNEY DOCKET NUMBER:	0372-0107.01
NAME OF SUBMITTER:	Panasam Aim Jirut

Total Attachments: 4
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**PATENT
 REEL: 023929 FRAME: 0345**

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RECORDATION FORM COVER SHEET PATENTS ONLY

To the Director of the U.S. Patent and Trademark Office: Please record the attached documents or the new address(es) below.

1. Name of conveying party(ies)

Scott E. Ligeski
Alexander C. Crosman

Additional name(s) of conveying party(ies) attached? Yes No

2. Name and address of receiving party(ies)

Name: Electro-Motive Diesel, Inc.

Address: 9301 W. 55th Street, LaGrange, IL 60525

Name:

Address:

Additional name(s) & address(es) attached? Yes No

3. Nature of conveyance/Execution Date(s):

Execution Date(s) February 3, 2010 & February 1, 2010

- Assignment Merger
 Security Agreement Change of Name
 Joint Research Agreement
 Government Interest Assignment
 Executive Order 9424, Confirmatory License
 Other _____

4. Application or patent number(s):

A. Patent Application No.(s)
11/444,774

This document is being filed together with a new application.

B. Patent No.(s)

Additional numbers attached? Yes No

5. Name and address to whom correspondence concerning document should be mailed:

Name: Panasarn Aim Jirut

Address: Eugene M. Cummings, P.C.
One North Wacker Drive, Suite 4130

City: Chicago

State: Illinois Zip: 60606

Phone Number: 312-984-0144

Fax Number: 312-984-0146

Email Address: ajirut@emcpc.com

6. Total number of applications and patents involved: 1

7. Total fee (37 CFR 1.21(h) & 3.41) \$40.00

- Authorized to be charged to deposit account
 Enclosed
 None required (government interest not affecting title)

8. Payment Information

b. Deposit Account Number 50-4199

Authorized User Name Panasarn Aim Jirut

9. Signature: /Panasarn Aim Jirut/

Signature

February 12, 2010

Date

Panasarn Aim Jirut, Reg. No. 51,849

Name of Person Signing

Total number of pages including cover sheet, attachments, and document:

4

Documents to be recorded (including cover sheet) should be faxed to (571) 273-0140, or mailed to:
Mail Stop Assignment Recordation Services, Director of the USPTO, P.O. Box 1450, Alexandria, V.A. 22313-1450

U.S. NATIONAL / INTERNATIONAL PCT APPLICATION
ASSIGNMENT TO BUSINESS CONCERN

Attorney Docket No.: 0372-0107.01
Client Reference No.: _____

ASSIGNMENT

For good and valuable consideration, the sufficiency and receipt of which is hereby acknowledged,

Name(s) of Inventor(s); Conveying Party(ies)

Scott E. Ligieski, 2212 West Chatsford Court, Peoria, IL 61615

Alexander C. Crosman, 316 W Westfield Ct., Dunlap, IL 61525

maker(s) of an invention which is the subject of :
(Check applicable boxes and enter serial number and date if available)

a United States National Application under 35 U.S.C. 111 *et seq.* and/or
a PCT International Application, identified by Application No. _____ and filing date _____, and entitled:

Title of Application

METHOD AND APPARATUS FOR SELECTING AND PROVIDING A SET OF INSTRUMENTATION SIGNALS FOR
LOCOMOTIVE TESTING AND DIAGNOSTIC PURPOSES

hereinafter (the "Application(s)")

Eugene M. Cummings, PC, One North Wacker Drive, Suite 4130, Chicago, IL 60606, is authorized to insert in parentheses
(Application number 11/444,774, filed 06/01/2006) the filing date and application number of said application when known.

the undersigned hereby sell(s), assign(s), and set(s) over to:

Name of Assignee(s); Receiving Party(ies);

Electro-Motive Diesel, Inc.

Address of principal place of business

9301 W. 55th Street, LaGrange, Illinois 60525

Insert State of Incorporation (if applicable) or "Not Applicable"

a corporation of Delaware

(hereinafter designated as the Assignee) their entire right, title and interest in, to and under the Application(s) throughout the world, including all priority rights for the United States and other countries arising therefrom, all inventions therein disclosed, and any and all Letters Patent of the United States and of all other countries, which may be granted for such inventions, or any of them, all such inventions and all rights in such Application(s) and Letters Patent to be held and enjoyed by Assignee for its own use and enjoyment to the full end of the term or terms for which such Letters Patent may be granted, as fully and entirely as the same would have been held and enjoyed by them had this assignment and sale not been made.

The undersigned agree(s) to execute all papers necessary in connection with the Application(s) in the United States and counterpart applications in foreign countries and any continuing, divisional, or reissue applications thereof, and any reexamination of any of such Applications, and also to execute separate assignments in connection with such Applications as the Assignee may deem necessary or expedient.

The undersigned agree(s) to execute all papers necessary in connection with any interference which may be declared or litigation concerning the Application(s), U.S. national counterparts thereof, or continuation(s), division(s), reissue(s), reexamination(s) thereof, and to cooperate with the Assignee in every way possible in obtaining evidence and going forward with such interference or litigation.

The undersigned agree(s) to execute all papers and documents and perform any act which may be necessary in connection with claims or provisions of the International Convention for Protection of Industrial Property or similar agreements.

The undersigned agree(s) to do all other acts which, in the opinion of Assignee, may be necessary or desirable to secure the grant of Letters Patent to Assignee or its nominees, in the United States and in all other countries where Assignee may desire to have such inventions, or any of them, patented, with specifications and claims in such form as shall be approved by Assignee and to vest and confirm in Assignee or its nominees the full and complete legal and equitable title to all such Letters Patent.

The undersigned hereby authorize(s) and request(s) the Commissioner of Patents to issue any and all Letters Patent of the United States resulting or following from said Application(s) or any division or divisions or continuing or reissue applications thereof, and any reexamination of any of such applications, to the said Assignee, as Assignee of the entire interest, and hereby covenants that the undersigned has full right to convey the interest herein assigned, and that the undersigned has not executed, and will not execute, any agreement in conflict herewith.

IN WITNESS WHEREOF, I have executed this assignment this 3 day of Feb, 2010.

Scott E. Ligieski
Inventor's Signature

Scott E. Ligieski
Printed Name

ACKNOWLEDGMENT

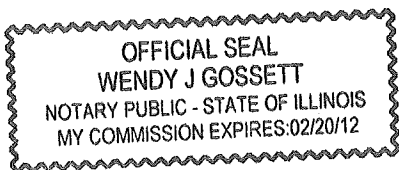
STATE OF Illinois }
COUNTY OF Woodford } SS:

Acknowledged before me, a Notary Public, within and for said County and State. Witness my hand and Notarial Seal this 3 day of February, 2010.

Wendy J. Gossett
Notary Public

Wendy J. Gossett
Printed Name

My Commission Expires: 2/20/2012 Resident of Woodford County



IN WITNESS WHEREOF, I have executed this assignment this 1st day of Feb, 2010.

Alexander C. Crosman
Inventor's Signature

Alexander C. Crosman
Printed Name

ACKNOWLEDGMENT

STATE OF Illinois }
COUNTY OF Peoria } SS:

Acknowledged before me, a Notary Public, within and for said County and State. Witness my hand and Notarial Seal this 1st day of February 2010.

Barbara I. Cooper
Notary Public

Barbara I. Cooper
Printed Name

My Commission Expires 2/22/2010 Resident of Peoria County

