503585111 11/25/2015

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT3631740

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	SUBMISSION TO CORRECT ERROR IN COVER SHEET PREVIOUSLY RECORDED AT REEL AND FRAME 037103/0125 TO CORRECT ASSIGNEE ZIPCODE FROM "20525" TO "60525"

CONVEYING PARTY DATA

Name	Execution Date
MR. ALEXANDER SHUBS JR	11/19/2015

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

Property Type	Number
Application Number:	14947483

CORRESPONDENCE DATA

Fax Number: (202)408-4400

Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent

using a fax number, if provided; if that is unsuccessful, it will be sent via US Mail.

Phone: 202-408-4000

Email:faxserve@finnegan.comCorrespondent Name:WILLIAM O TROUSDELL

Address Line 1: 901 NEW YORK AVENUE, NW

Address Line 4: WASHINGTON, D.C., D.C. 20001-4413

ATTORNEY DOCKET NUMBER:	08350.2165
NAME OF SUBMITTER:	WILLIAM O TROUSDELL
SIGNATURE:	/William O. Trousdell/
DATE SIGNED:	11/25/2015

Total Attachments: 6

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PATENT 503585111 REEL: 037159 FRAME: 0579

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PATENT REEL: 037159 FRAME: 0580

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2

NEW ASSIGNMENT SUBMISSION TYPE:

NATURE OF

CONVEYANCE:

ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
ALEXANDER SHUBS, JR	11/19/2015

RECEIVING PARTY DATA

Name:	ELECTRO-MOTIVE DIESEL, INC.	
Street Address:	9301 W. 55TH STREET	
City:	LAGRANGE	
State/Country:	ILLINOIS	
Postal Code:	20525	

PROPERTY NUMBERS Total: 1

Application 14947	483

CORRESPONDENCE DATA

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REEL: 037159 FRAME: 0581

Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent using a fax number, if provided; if that is unsuccessful, it will be sent via US Mail.

Correspondent CATERPILLAR/FINNEGAN,

HENDERSON, L.L.P. Name:

Address Line 1: 901 NEW YORK AVENUE, NW

Address Line 4: WASHINGTON, D.C. 20001-4413

ATTORNEY

DOCKET NUMBER:

08350.2165

NAME OF

SUBMITTER:

DENA BOHANNON

Signature:

/Dena Bohannon/

Date:

11/20/2015

Total Attachments: 2

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RECEIPT INFORMATION

EPASID:

PAT3626279

Receipt Date: 11/20/2015

REEL: 037159 FRAME: 0582

SOLE/JOINT INVENTION (Worldwide Rights) Attorney Docket No. 08350.2165-00000 Client Ref. No. 15-1246

ASSIGNMENT

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

TRAIN STATUS PRESENTATION BASED ON AGGREGATED TRACKING INFORMATION

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**th **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 soid, 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 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 (14/947,483, filed November 20, 2015).

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PATENT REEL: 037159 FRAME: 0583

SOLE/JOINT INVENTION (Worldwide Rights) Attorney Docket No. 08350.2165-00000 Client Ref. No. 15-1246

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

1. FULL NAME OF SOLE OR FIRST ASSIGNOR	ASSIGNOR'S SIGNATURE	DATE
Alexander SHUBS, Jr.	I CY SAL	11-19-2015
ADDRESS 2531 West Lyndale Street, Chicago, IL 60647		CITIZENSHIP USA
<i>(</i>		
1. WITNESS NAME	WITNESS SIGNATURE	DATE
Olive Keen		11.14.15
ADDRESS 925 W. HUROA	1 105 424	CITIZEMSHUP
Chicago IC	60642	
2. WITNESS NAME	WITNESS SIGNATURE	DATE
Verkata Gajuldalli	Versely Grewardi	11/19/2015
l	de, NaPerville, IZ-60564	CITIZENSHIP ZALIA

PATENT REEL: 037159 FRAME: 0584

RECORDED: 11/25/2015