503338116 06/05/2015

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
RICHARD G REED JR	04/02/2015
JOSEPH E KUBINA	04/01/2015
MICHAEL P KIRK	03/31/2015
DONALD F SCHMANSKI	04/06/2015
KENNETH M PACHUCKI	04/06/2015

RECEIVING PARTY DATA

Name:	FCA US LLC	
Street Address:	1000 CHRYSLER DRIVE	
City:	AUBURN HILLS	
State/Country:	MICHIGAN	
Postal Code:	48326	

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	14673123

CORRESPONDENCE DATA

Fax Number: (248)944-6537

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: 248-944-6500

Email:chris.davenport@fcagroup.comCorrespondent Name:FCA US LLC CIMS 483-02-19Address Line 1:800 CHRYSLER DR EAST

Address Line 4: AUBURN HILLS, MICHIGAN 48326-2757

ATTORNEY DOCKET NUMBER:	708433US3	
NAME OF SUBMITTER:	RALPH E. SMITH	
SIGNATURE:	/Ralph E Smith/	
DATE SIGNED:	06/05/2015	

Total Attachments: 4

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PATENT 503338116 REEL: 035794 FRAME: 0416

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> PATENT REEL: 035794 FRAME: 0417

ASSIGNMENT

We, Richard G. Reed, Jr. of Royal Oak, Oakland County, MI
Joseph E. Kubina of Oxford, Oakland County, MI
Michael P. Kirk of Macomb, Macomb County, MI
Donald F. Schmanski of Howell, Livingston County, MI
Kenneth M. Pachucki of Lapeer, Lapeer County, MI
Mircea Gradu of Auburn Hills, Oakland County, MI

have invented a new and useful process, machine, manufacture, composition of matter, or an improvement thereof, entitled:

MULTI-MODE DRIVE SYSTEM FOR TRANSAXLE APPLICATIONS

for which we have executed an application for Letters Patent of the United States on 3345,445,4654645,

FCA US LLC, a Delaware limited liability company having its principal place of business at Auburn Hills, Michigan, desires to acquire the entire right, title, and interest in the invention and under the Letters Patent, and similar protection to be obtained, worldwide.

In consideration of the payment by FCA US LLC to us of the sum of \$1.00 and other good and valuable consideration, receipt being acknowledged, we sell, assign, and transfer unto FCA US LLC, our full and entire right, title, and interest in the invention worldwide and to any provisional application and all Letters Patent or similar legal protection to be obtained for the invention worldwide by the application or any continuation, division, renewal, substitute, re-examination, reissue, or any legal equivalent, for the full term or terms that may be granted.

We authorize our attorneys, authorized to prosecute said application, to insert the filing date and Serial Number of the application, to wit, Serial No. <u>14/673,123</u>, filed <u>March 30, 2015</u>. We authorize and request the Commissioner of Patents to issue all Letters Patent of the United States to FCA US LLC.

We warrant that we have the right to sell, assign, and transfer our full and entire right, title, and interest in the invention and that no assignment, sale, agreement, or encumbrance has been or will be made or entered into that will conflict with this sale, assignment, and transfer.

We further agree to communicate to FCA US LLC or its representatives, any facts known to us respecting the invention, testify in any legal proceedings relating to the invention when called upon, and sign all instruments and documents and render such assistance which, in the judgment of FCA US LLC, is necessary to vest in it and protect the legal right, title, and interest assigned in this Assignment.

This Assignment will be binding on our heirs and legal representatives.

Mircea Gradu	Witness
Date 4/6/2015	
Kenneth M. Pachucki	Buttul Wilness
1/1/	
Donald F. Schmanski Date 4 2015	Witness
	Charles March
Date 3/31/2015	
Michael P. Kirk	Witness
	A stallar -
Date	*
Joseph E. Kubina	Chaitail Mbulson
Date 4-2-15	runess
Richard G. Reed Jr. Date 4-2-15	Chatrin Mays
8 A	

Date ____

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This Assignment will be binding on our heirs and legal representatives.

Richard G. Reed, Jr.	Witness
Date	
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Date	// tareds
Michael P. Kirk	Witness
Date	
Ponald F. Schmanski	Witness
ate	
enneth M. Pachucki	Witness
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