

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
DANIEL R LUEDTKE	08/11/2020
NITINKUMAR PATEL	09/18/2020
MUSTAFA MAHAMADIAN	08/12/2020
LAKSHMI NARAYANAN SRIVATCHAN	08/12/2020
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:	16572764
CORRESPONDENCE DATA	
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<i>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.</i>	
Phone:	2489446500
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Correspondent Name:	FCA US LLC
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Address Line 2:	483-02-19
Address Line 4:	AUBURN HILLS, MICHIGAN 48326
ATTORNEY DOCKET NUMBER:	710788US2
NAME OF SUBMITTER:	RALPH E SMITH
SIGNATURE:	/Ralph E Smith/
DATE SIGNED:	09/22/2020
Total Attachments: 5	
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ASSIGNMENT

We, Daniel R. Luedtke of Beverly Hills, Oakland County, MI
Nitinkumar Patel of Oakland, Oakland County, MI
Mustafa Mohamadian of Birmingham, Oakland County, MI
Lakshmi Narayanan Srivatcha of Auburn Hills, Oakland County, MI

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

**SENSORLESS POSITION ESTIMATION FOR INTERIOR
PERMANENT MAGNET SYNCHRONOUS MOTOR**

for which we have executed an application for Letters Patent of the United States on _____.

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.

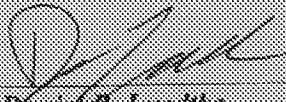
In consideration of the payment by FCA US LLC to us of the sum of \$1.00 and other good and valuable consideration, receipt being acknowledged, we sell, assign, and transfer unto FCA US LLC, our full and entire right, title, and interest in the invention worldwide and to any provisional application and 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. 16/572,764, filed September 17, 2019. 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.



Daniel R. Luedtke

Date 8/11/2020

Witness

Nitinkumar Patel

Date _____

Witness

Mustafa Mohamadian

Date _____

Witness

Lakshmi Narayanan Srivatchan

Date _____

Witness

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Daniel R. Luedike

Date

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Nitinkumar Patel

Date 8/18/2020

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Mustafa Mohamadian

Date

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Lakshmi Narayanan Srivatchan

Date

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Witness

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Witness

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Witness

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Witness

Daniel R. Luedtke

Date

Witness

Nitinkumar Patel

Date

Witness

M. Mustaf
Mustafa Mohamadian

Date *08/12/2020*

Witness

Lakshmi Narayan Srivatchan

Date

Witness

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Daniel R. Luedtke

Date

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Witness

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Nitinkumar Patel

Date

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Witness

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Mustafa Mohamadian

Date

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Witness

S. Lakshmi Narayanan
.....
Lakshmi Narayanan Srivatchan

Date 8/12/2020

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Witness