

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
 Stylesheet Version v1.2

EPAS ID: PAT5267878

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
MARK MCCLUNG	12/04/2018
GOPAL KALAIMANI SENTHILKUMAR	12/02/2018
EMILY LERNER	11/30/2018
RECEIVING PARTY DATA	
Name:	TOYOTA MOTOR WORKS NORTH AMERICA, INC.
Street Address:	6565 HEADQUARTERS DRIVE W1-3C
City:	PLANO
State/Country:	TEXAS
Postal Code:	75024
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	16210572
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ATTORNEY DOCKET NUMBER:	57146.32US01
NAME OF SUBMITTER:	DUSTIN T. JOHNSON
SIGNATURE:	/Dustin T. Johnson/
DATE SIGNED:	12/05/2018
Total Attachments: 3	
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source=57146-32US01-Assignment#page3.tif	

A S S I G N M E N T

WHEREAS,

Mark McClung, a citizen of **the United States**;
Gopal Kalaimani Senthilkumar, a citizen of **India**;
Emily Lerner, a citizen of **the United States**;

ASSIGNOR, is an inventor of the invention in **Data Analytics for Smart Vehicle Fueling**, for which an application for a Patent of the United States was filed on December 5, 2018, 2018, as **U.S. Application No. 16/210,572**_____;

WHEREAS, **TOYOTA MOTOR NORTH AMERICA, INC.** (ASSIGNEE), with offices located at 6565 Headquarters Drive W1-3C, Plano, Texas 75024, is desirous of obtaining each inventor's entire right, title, and interest in, to and under said invention, the said application and corresponding applications worldwide;

NOW, THEREFORE, in exchange for good and valuable consideration to the inventor, the receipt and sufficiency of which is hereby acknowledged, the ASSIGNOR has sold, assigned, transferred and set over, and by these presents does hereby sell, assign, transfer and set over, unto the said ASSIGNEE, its successors, legal representatives and assigns, his or her entire, worldwide right, title and interest in, to and under the invention, including the above United States non-provisional application embodying the invention or any other United States application to which priority is claimed under 35 U.S.C. § 119 and to any application to which priority is claimed, or claiming priority to the application noted above, under 35 U.S.C. § 120, including all divisions, continuations, and continuations-in-part thereof, and all Patents of the United States which may be granted thereon and all reissues and extensions thereof; and all applications for industrial property protection, including, without limitation, all applications for patents, utility models, and designs which may hereafter be filed for said invention in any country or countries other than the United States, together with the right to file such applications and the right to claim for the same the priority rights derived from said United States application under the Patent Laws of the United States, the International Convention for the Protection of Industrial Property, or any other international agreement or the domestic laws of the country in which any such application is filed, as may be applicable; and all forms of industrial property protection, including, without limitation, patents, utility models, inventors' certificates and designs which may be granted for the invention in any country or countries foreign to the United States and all extensions, renewals and reissues thereof, the same to be held and enjoyed by the ASSIGNEE, for its own use and behalf and the use and behalf of its successors, legal representatives, and assigns, to the full end of the term or terms for which Letters Patent or Patents may be granted as fully and entirely as the same would have been held and enjoyed by the ASSIGNOR had this sale and assignment not been made;


And ASSIGNOR hereby authorizes and requests the Commissioner of Patents and Trademarks of the United States, and any Official of any country or countries foreign to the United States, whose duty it is to issue patents or other evidence or forms of industrial property protection on applications as aforesaid, to issue the same to the ASSIGNEE, its successors, legal representatives and assigns, in accordance with the terms of this instrument;

And ASSIGNOR hereby covenants and agrees that he or she has the full right to convey the entire interest herein assigned, and that he or she has not executed, and will not execute, any agreement in conflict herewith;

And ASSIGNOR hereby further covenants and agrees that he or she will communicate to the ASSIGNEE, its successors, legal representatives and assigns, any facts known to him or her respecting said invention, testify in any legal proceeding, sign all lawful papers, execute all divisional, continuing, reissue and foreign applications, make all rightful oaths, and generally do everything possible to aid the ASSIGNEE or, its successors, legal representatives and assigns, to obtain and enforce proper protection for said invention in all countries.

And ASSIGNOR hereby authorizes the ASSIGNEE's patent attorney to complete this form by the addition of the application number, application filing date, and attorney docket number, if necessary.

Full name of inventor: Mark McClung

Inventor Signature:  Date: 12/4/2018

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Full name of inventor: Gopal Kalaimani Senthilkumar

Inventor Signature: *Gk Senthilkumar* Date: 12/2/2018

Residence: Frisco TX, US
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Full name of inventor: Emily Lerner

Inventor Signature: *Emily Lerner* Date: 11/30/2018

Residence: Frisco TX, US
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