## 505247702 12/20/2018

## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT5294481

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

#### **CONVEYING PARTY DATA**

Name	Execution Date
PRAVEEN KUMAR YALAVARTY	12/11/2018
JOHN CORREIA	11/30/2018
RAJESH BALAJI VIJAYAN	12/14/2018
EDWARD CHARLES ESKER	12/04/2018
MICHAEL RAYMOND WESTRA	11/30/2018
LEONIE TESSA TIELERT	12/11/2018
VENKATA MARUTHE RAVIKUMARA SHARMA CHENGALVALA	12/01/2018

### **RECEIVING PARTY DATA**

Name:	FORD GLOBAL TECHNOLOGIES, LLC
Street Address:	FAIRLANE PLAZA SOUTH, SUITE 800
Internal Address:	330 TOWN CENTER DRIVE
City:	DEARBORN
State/Country:	MICHIGAN
Postal Code:	48126

#### **PROPERTY NUMBERS Total: 1**

Property Type	Number
Application Number:	16227441

#### **CORRESPONDENCE DATA**

Fax Number:	(313)	3)322-7162	
•		e-mail address first; if that is unsuccessful, it will be sent nat is unsuccessful, it will be sent via US Mail.	
Phone:	248-3	358-4400	
Email:	cflood	d@brookskushman.com	
Correspondent Name:	BROOKS KUSHMAN P.C./FGTL		
Address Line 1:	1000	TOWN CENTER	
Address Line 2:	22ND FLOOR		
Address Line 4:	SOU	ΓHFIELD, MICHIGAN 48075-1238	
ATTORNEY DOCKET NUMBER:		84072841	
NAME OF SUBMITTER:		FANQI MENG	
SIGNATURE:		/Fanqi Meng/	

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DATE SIGNED:	12/20/2018	
Total Attachments: 7		
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Attorney Docket Number 84072841

## ASSIGNMENT AND DECLARATION (37 C.F.R. 1.63) FOR UTILITY, PROVISIONAL OR DESIGN APPLICATION USING AN APPLICATION DATA SHEET (37 C.F.R. 1.76)

Title of Invention	POLICY AND TOKEN BASED AUTHORIZATION FRAMEWORK FOR CONNECTIVITY		
This declaration is direc	ted to:		
X The attached application, or United States application or PCT international application number filed on (I hereby authorize the insertion of the application filing date and number into this form when they become known.)			
The above-identified ap	The above-identified application was made or authorized to be made by me.		
I hereby state that I hat including the claims.	I hereby state that I have reviewed and understand the contents of the specification in the above-identified application, including the claims.		
I believe that I am the o	riginal inventor or an original joint inventor of a claimed invention in the application.		
continuation-in-part ap	I am aware of the duty to disclose information which is material to patentability as defined in 37 C.F.R. 1.56, including for continuation-in-part applications, material information which became available between the filing date of the prior application and the national or PCT international filing date of the continuation-in-part application.		
Pursuant to my employment agreement heretofore made or by contractual obligation, 1 do sell, assign and set over unto FORD GLOBAL TECHNOLOGIES, LLC, a Ford Motor Company subsidiary, organized and existing by virtue of the laws of the State of Delaware, having its principal place of business at Dearborn, County of Wayne, and State of Michigan, hereinafter referred to as the ASSIGNEE, its successors, assigns or other legal representatives, the entire right, title and interest, domestic and foreign, in and to the inventions and discoveries in the above-identified invention including the right of the ASSIGNEE, its successors, assigns or other legal representatives to make applications and to receive Letters Patent for the inventions and discoveries in any and all countries, entities and intergovernmental organizations, in its or their own name or names, or in my name, at its or their election (and I hereby authorize the ASSIGNEE or ASSIGNEE's attorney to insert the serial/application number and filing date of the application to receive Letters Patent herein: Serial No. 16/227,441			
And I hereby agree for myself, my heirs, successors, assigns or other legal representatives to execute any and all papers, including applications for Letters Patent of any and all kinds and in any and all countries, entities and intergovernmental organizations, and to perform any and all acts which the ASSIGNEE, its successors, assigns or other legal representatives may deem necessary to secure thereto the rights herein sold, assigned and set over.			
And I hereby represent and warrant that I have not granted any rights inconsistent with the rights granted herein.			
I hereby acknowledge that any willful false statement made in this declaration is punishable under 18 U.S.C. 1001 by fine or imprisonment of not more than five (5) years or both.			
LEGAL NAME OF INV Inventor: Venkata	LEGAL NAME OF INVENTOR Inventor: Venkata Maruthe Ravikumara Sharma Chengalvala Date: 12/01/2018		
Signature: Uvinlavillimotra Jaima			
Note: An Application Data Sheet (PTO/SB/14 or equivalent), including naming the entire inventive entity, must accompany this form. Use an additional declaration form for each additional inventor.			

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Pursuant to my employment agreement heretofore made or by contractual obligation, I do sell, assign and set over unto FORD GLOBAL TECHNOLOGIES, LLC, a Ford Motor Company subsidiary, organized and existing by virtue of the laws of the State of Delaware, having its principal place of business at Dearborn, County of Wayne, and State of Michigan, hereinafter referred to as the ASSIGNEE, its successors, assigns or other legal representatives, the entire right, title and interest, domestic and foreign, in and to the inventions and discoveries in the above-identified invention including the right of the ASSIGNEE, its successors, assigns or other legal representatives to make applications and to receive Letters Patent for the inventions and discoveries in any and all countries, entities and intergovernmental organizations, in its or their own name or names, or in my name, at its or their election (and I hereby authorize the ASSIGNEE or ASSIGNEE's attorney to insert the serial/application number and filing date of the application to receive Letters Patent herein: Serial No. 16/227,441		
And I hereby agree for myself, my heirs, successors, assigns or other legal representatives to execute any and all papers, including applications for Letters Patent of any and all kinds and in any and all countries, entities and intergovernmental organizations, and to perform any and all acts which the ASSIGNEE, its successors, assigns or other legal representatives may deem necessary to secure thereto the rights herein sold, assigned and set over.		
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I hereby acknowledge that any willful false statement made in this declaration is punishable under 18 U.S.C. 1001 by fine or imprisonment of not more than five (5) years or both.		
LEGAL NAME OF INV		
Inventor: <u>Praveen K</u>	umar Yalavarty Date: 12 11 2010	
Signature:		
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FORD GLOBAL TECHI of the State of Delaware hereinafter referred to as interest, domestic and for of the ASSIGNEE, its su for the inventions and dis name or names, or in my insert the serial/applicat 16/227,441 ASSIGNEE, its success applications, in and to the including all application reexaminations and reisst And I hereby agree for m	nyself, my heirs, successors, assigns or other legal representatives to execute any and all papers,		
including applications for Letters Patent of any and all kinds and in any and all countries, entities and intergovernmental organizations, and to perform any and all acts which the ASSIGNEE, its successors, assigns or other legal representatives may deem necessary to secure thereto the rights herein sold, assigned and set over.			
And I hereby represent and warrant that I have not granted any rights inconsistent with the rights granted herein.			
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LEGAL NAME OF INVI			
Inventor: John Cor			
Signature:	delle		
	Sheet (PTO/SB/14 or equivalent), including naming the entire inventive entity, must accompany this form. In form for each additional inventor.		

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FORD GLOBAL TECH of the State of Delawar hereinafter referred to a interest, domestic and fc of the ASSIGNEE, its s for the inventions and d name or names, or in my insert the serial/applics 16/227,441 ASSIGNEE, its success applications, in and to ff including all application reexaminations and reiss And 1 hereby agree for including applications for	myself, my heirs, successors, assigns or other legal representatives to execute any and all papers, or Letters Patent of any and all kinds and in any and all countries, entities and intergovernmental
may deem necessary to s	rform any and all acts which the ASSIGNEE, its successors, assigns or other legal representatives secure thereto the rights herein sold, assigned and set over.
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LEGAL NAME OF INV	/ENTOR
No.	
Signature:	
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And I hereby agree for myself, my heirs, successors, assigns or other legal representatives to execute any and all papers, including applications for Letters Patent of any and all kinds and in any and all countries, entities and intergovernmental organizations, and to perform any and all acts which the ASSIGNEE, its successors, assigns or other legal representatives may deem necessary to secure thereto the rights herein sold, assigned and set over.			
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LEGAL NAME OF INV		Date:	1213412013
$\sim -\partial h$	Charles Esker	1.5430C .	
Signature: <u>(280</u>			
	ta Sheet (PTO/SB/14 or equivalent), including n	aming the entire inventiv	e entity, must accompany this form.

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And I hereby agree for myself, my heirs, successors, assigns or other legal representatives to execute any and all papers, including applications for Letters Patent of any and all kinds and in any and all countries, entities and intergovernmental organizations, and to perform any and all acts which the ASSIGNEE, its successors, assigns or other legal representatives may deem necessary to secure thereto the rights herein sold, assigned and set over.			
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LEGAL NAME OF INV Inventor: Michael	ENTOR Ravinond Westra Date: 11/30/2018		
<b>~</b>			
Signature:			
Note: An Application Dat Use an additional declaration	a Sheet (PTO/SB/14 or equivalent), including naming the entire inventive entity, must accompany this form, or form for each additional inventor.		

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LEGAL N	AME OF INVENTOR	
Inventor:	Leonie Tessa Tielert Date: 12-/11/18	
Signature:		
Note: An A	pplication Data Sheet (PTO/SB/14 or equivalent), including naming the entire inventive entity, must accompany this for	n.
Use an additional declaration form for each additional inventor.		

**RECORDED: 12/20/2018**