505370133 03/12/2019

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT5416925

SUBMISSION TYPE:		NEW ASSIGNMENT			
NATURE OF CONVEYANCE: ASSIGNMENT					
CONVEYING PARTY	DATA				
		Name	Execution Date		
SHIQI QIU			09/13/2016		
OLIVER LEI			09/09/2016		
JAYANTHI RAO			09/09/2016		
JOHN ROBERT VAN	WIEMEER	SCH	09/08/2016		
	DATA				
Name:	FORD	MOTOR COMPANY			
Street Address:	ONE A	MERICAN ROAD			
City:	DEARE	30RN			
State/Country:	МІСНІ	MICHIGAN			
Postal Code:	48126				
Property Typ Application Number		16332513			
Application Number	:	16332513			
CORRESPONDENCE	Ξ DATA				
Fax Number:		(810)385-9688			
		o the e-mail address first; if that is uns d: if that is unsuccessful. it will be sent			
	if provided	o the e-mail address first; if that is uns d ; if that is unsuccessful, it will be sent 8103856050			
<i>using a fax number,</i> Phone: Email:	if provided	<i>d; if that is unsuccessful, it will be sent</i> 8103856050 amy.tesluk@profilepatents.com			
<i>using a fax number,</i> Phone: Email: Correspondent Nam	if provided e:	<i>d; if that is unsuccessful, it will be sent</i> 8103856050 amy.tesluk@profilepatents.com THOMAS F. QUINN, JR.			
<i>using a fax number,</i> Phone: Email: Correspondent Nam Address Line 1:	if provided e:	<i>d; if that is unsuccessful, it will be sent</i> 8103856050 amy.tesluk@profilepatents.com THOMAS F. QUINN, JR. 3061 COMMERCE DRIVE			
using a fax number, Phone: Email: Correspondent Nam Address Line 1: Address Line 2:	if provided e:	d; if that is unsuccessful, it will be sent 8103856050 amy.tesluk@profilepatents.com THOMAS F. QUINN, JR. 3061 COMMERCE DRIVE SUITE 1			
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using a fax number, Phone: Email: Correspondent Nam Address Line 1: Address Line 2: Address Line 4:	if provided e: NUMBER:	d; if that is unsuccessful, it will be sent 8103856050 amy.tesluk@profilepatents.com THOMAS F. QUINN, JR. 3061 COMMERCE DRIVE SUITE 1 FORT GRATIOT, MICHIGAN 48059			
using a fax number, Phone: Email: Correspondent Nam Address Line 1: Address Line 2:	if provided e: NUMBER:	d; if that is unsuccessful, it will be sent 8103856050 amy.tesluk@profilepatents.com THOMAS F. QUINN, JR. 3061 COMMERCE DRIVE SUITE 1 FORT GRATIOT, MICHIGAN 48059			
using a fax number, Phone: Email: Correspondent Nam Address Line 1: Address Line 2: Address Line 4: ATTORNEY DOCKET NAME OF SUBMITTE SIGNATURE:	if provided e: NUMBER:	d; if that is unsuccessful, it will be sent 8103856050 amy.tesluk@profilepatents.com THOMAS F. QUINN, JR. 3061 COMMERCE DRIVE SUITE 1 FORT GRATIOT, MICHIGAN 48059 84128201	t via US Mail.		
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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	AUTONOMOUS SCHEDULING	VEHICLE	FUELING	WITH	CENTRALIZED		
This declaration is directed to:							
🛛 🕺 Unite	attached application, or ed States application or PCT filed on	international app (1 hereby au	lication number thorize the inserti	on of the app	vilication filling date and		
	when they become known.)	••••••••••••••••••••••••••••••••••••••			x.		
The above-identified ap	splication was made or auth	orized to be made	by me.				
I hereby state that I had including the claims.	ave reviewed and understa	nd the contents o	f the specification	in the above	e-identified application.		
I believe that I an the c	niginal inventor or an origin	al joint inventor c	if a claimed invent	ion in the app	dication.		
continuation-in-part ap	to disclose information wh oplications, material information ional or PCT international fi	nation which bec	ame available be	tween the fi			
FORD MOTOR COM place of business at D successors, assigns or inventions and discove other legal representati all countries, entities an election (and I hereby is date of the application legal representatives, at any and all countries, is	yment agreement heretofor PANY, organized and exis wearborn. County of Wayne other legal representatives, ries in the above-identified ves to make applications at ad intergovernmental organ authorize the ASHONEE o con to reveive Letters Pr , and I hereby seli Il rights of priority, includin eathlies and intergovernmen ms, continuations-in-part, d	ting by virtue of a, and State of M , the entire right, invention including at to receive Lettu- izations, in its or r ASSIONEE's at atent herein: Ser , assign and set or g any provisional dat organizations	the laws of the St ichigan, hereinafte title and interest, g the right of the <i>i</i> rrs Patent for the i their own name or torney to insert the ial. No. ver to the ASSIG applications, in an including all appli	ate of Delawa ir referred to domestic and AS\$IGNEE, i niventions and names, or in e serial/applic NEE, its succ d to the inver- cations chains	are, having its principal as the ASSIGNEE, its 1 foreign, in and to the ts successors, assigns or 1 discoveries in any and my name, at its or their ration number and filing science, willing Date ressors, assigns or other ntions and discoveries in ing benefit of the filing.		
including applications organizations, and to p	r myself, my heirs, success for Letters Patent of any a serform any and all acts who secure thereto the rights he	nd all kinds and i ich the ASSIONE	n any and all cous E, its successors.	atries, entities	and intergovernmental		
And I hereby represent and warram that I have not granted any rights incunsistent 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.							
Inventor: Shiqi ()iis		Date:	역나다	3/2016		
Signature: Strg - Oi							
Note: An Application D	an Sheet (PTO/SB/14 or equi	valem), including a	aming the entire inv	entive entity, r	nust accompany this form.		
Use an additional declara	tion form for each additional in	ivenisi.					

PATENT REEL: 048572 FRAME: 0251

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	AUTONOMOUS SCHEDULING	VEHICLE	FUELING	WITH	CENTRALIZED			
This declaration is direc	This declaration is directed to:							
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	plication was made or auth	orized to be made	by me.					
I hereby state that I had including the claims.	ve reviewed and understa	nd the contents o	f the specification	in the above	e-identified application,			
I believe that I am the of	iginal inventor or an origi	nal joint inventor o	of a claimed invent	ion in the app	dication.			
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, I do sell, assign and set over unto FORD MOTOR COMPANY, 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, 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 clection (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								
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 (3) years or both.								
LEGAL NAME OF INVENTOR								
$\frac{1}{\sqrt{\sqrt{76}/n}}$								
Signature:								
Note: An Application Da Use an additional declaration	ta Sheet (PTO/SB/14 or equi on form for each additional in	valent), including n	aming the entire inv	entive entity, 1	must accompany this form.			

PATENT REEL: 048572 FRAME: 0252

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	AUTONOMOUS SCHEDULING	VEHICLE	FUELING	WITH	CENTRALIZED		
This declaration is directed to:							
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.)							
		- 3 X - X 4. '	ł				
The above-identified ap	plication was made or auti-	orized to be made	by me.				
I hereby state that I hat including the claims.	ve reviewed and understa	nd the contents o	f the specification	in the above	e-identified application,		
I believe that I am the or	riginal inventor or an origin	al joint inventor t	if a claimed invent	ion in the app	dication.		
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, I do sell, assign and set over unto FORD MOTOR COMPANY, 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, 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							
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.							
1 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 IN Inventor: Javanthi	Max		Date:	99	12016		
The Vac							
Signature:							
Note: An Application Data Street (PTO/SB/14 or equivalent), including naming the entire inventive entity, must accompany this form.							
Use an additional declaration form for each additional inventor.							

PATENT REEL: 048572 FRAME: 0253

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	AUTONOMOUS SCHEDULING	VEHICLE	FUELING	WITH	CENTRALIZED			
This declaration is direc	This declaration is directed to:							
United United	 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 							
mumber into this form w	hen they become known.)				~			
The above-identified app	olication was made or auth-	orized to be made	by me.					
I hereby state that I hat including the claims.	ve reviewed and understan	nd the contents o	f the specification	in the above	s-identified application,			
I believe that I am the or	iginal inventor or an origin	al joint inventor c	of a claimed invent	ion in the app	lication.			
continuation-in-part app	o disclose information whi dications, material inform nal or PCT international fi	nation which bec	ame available be	tween the fi	F.R. 1.56, including for ling date of the prior			
Putsuant to my employment agreement heretofore made or by contractual obligation. I do sell, assign and set over unto FORD MOTOR COMPANY, organized and existing by virtue of the laws of the State of Delaware, having its principal place of business at Deurborn, 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, the entire right utile 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								
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 fake 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 INVENTOR								
	ert Van Wiemeersch		Date:	<u>Sa pr-</u>	Q165-8-			
Signature: <u>Jel A. V. V</u>								
Note: An Application Dat Use an additional declaratic	Note: An Application Data Shert (PTO/SB/14 or equivalent), including naming the entire inventive entity, must accompany this form. Use an additional declaration form for each additional inventor.							

RECORDED: 03/12/2019