505898547 02/04/2020

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT5945248

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
HOSSEIN JACOB SADRI	01/28/2020
STEVEN TOREY	01/29/2020
STEPHEN JUSZCZYK	02/03/2020
LANCE DAVID MARSAC	01/29/2020
SUEHA ELMIR SALAME	01/29/2020

RECEIVING PARTY DATA

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

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	16781310

CORRESPONDENCE DATA

Fax Number:

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: 404-815-6500

Email: evanstrom@kilpatricktownsend.com

Correspondent Name: KILPATRICK TOWNSEND & STOCKTON LLP

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Address Line 4: ATLANTA, GEORGIA 30309

ATTORNEY DOCKET NUMBER:	84213471
NAME OF SUBMITTER:	EMILY VANSTROM
SIGNATURE:	/Emily Vanstrom/
DATE SIGNED:	02/04/2020

PATENT 505898547 REEL: 051713 FRAME: 0560

Total Attachments: 5

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Please direct all correspondence to:

Title of Invention

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Attorney	Dock	et Numl	rer l	8421	3471		

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)

Predictive Methodology to Identify Potential Unknown Sweet Spots

Period Prior State Transaction Community of Transaction Geograph (May 2007)			n apou
This declaration is direct	ed to:		
United	tached application, or States application or PCT international app filed on (I hereby au	plication number othorize the insertion of the application fi	ling date and
number into this form wh	ien they become known.)		
The above-identified app	lication was made or authorized to be made	by me.	
I hereby state that I hav including the claims.	re reviewed and understand the contents o	of the specification in the above-identified	i application,
I believe that I am the ori	iginal inventor or an original joint inventor o	of a claimed invention in the application.	
continuation-in-part app	o disclose information which is material to plications, material information which because or PCT international filing date of the co	came available between the filing date	including for of the prior
FORD GLOBAL TECHE of the State of Delaware hereinafter referred to as interest, domestic and for of the ASSIGNEE, its su for the inventions and di- name or names, or in my insert the serial/applicat ASSIGNEE, its success applications, in and to th including all application reexaminations and reisst And I hereby agree for r including applications fo organizations, and to per	ors, assigns or other legal representative e inventions and discoveries in any and all as claiming benefit of the filing date he	subsidiary, organized and existing by virta Dearborn, County of Wayne, and State or other legal representatives, the entire raties in the above-identified invention inclusives to make applications and to receive and intergovernmental organizations, in its authorize the ASSIGNEE or ASSIGNEE lication to receive Letters Patent herein), and I hereby sell, assign and res, all rights of priority, including an countries, entities and intergovernmental areof, continuations, continuations—in-part there legal representatives to execute any and any and all countries, entities and intergree, its successors, assigns or other legal regressers.	of the laws of Michigan, ight, title and ding the right Letters Patent to or their own 's attorney to a Serial No. at over to the provisional organizations, divisionals, and all papers, powernmental
And I hereby represent ar	ed warrant that I have not granted any rights	s inconsistent with the rights granted herein	1.
I hereby acknowledge the or imprisonment of not m	at any willful false statement made in this core than five (5) years or both.	declaration is punishable under 18 U.S.C.	1001 by fine
LEGAL NAME OF INV		Date: 01/28/2020	
Inventor: Hossein I:		Date: <u>01/28/2020</u>	
Signature: 74.05a	dri	Washington and Marketing and American Company of the Company of th	
Note: An Application Data	Sheet (PTO/SB/14 or equivalent), including na	aming the entire inventive entity, must accome	any this fixee
Use an additional declaration	n form for each additional inventor.		

Please	direct	all	correspondence t	to:

Attorney Docket Number	84213471

Title of Invention	Predictive Methodology to Identify Potential Unknown Sweet Spots
This declaration is direct	ed to:
United	tached application, or States application or PCT international application number filed on (I hereby authorize the insertion of the application filing date and nen they become known.)
The above-identified app	lication was made or authorized to be made by me.
I hereby state that I have including the claims.	re reviewed and understand the contents of the specification in the above-identified application,
I believe that I am the or	iginal inventor or an original joint inventor of a claimed invention in the application.
continuation-in-part app	o disclose information which is material to patentability as defined in 37 C.F.R. 1.56, including for disciplinations, material information which became available between the filing date of the prior nal or PCT international filing date of the continuation-in-part application.
FORD GLOBAL TECH of the State of Delawar hereinafter referred to a interest, domestic and fo of the ASSIGNEE, its si for the inventions and di name or names, or in my insert the serial/applica ASSIGNEE, its success applications, in and to th including all application reexaminations and reiss And I hereby agree for including applications for organizations, and to per	nent agreement heretofore made or by contractual obligation, I do sell, assign and set over unto NOLOGIES, LLC, a Ford Motor Company subsidiary, organized and existing by virtue of the laws e, having its principal place of business at Dearborn, County of Wayne, and State of Michigan, is the ASSIGNEE, its successors, assigns or other legal representatives, the entire right, title and reign, in and to the inventions and discoveries in the above-identified invention including the right accessors, assigns or other legal representatives to make applications and to receive Letters Patent scoveries in any and all countries, entities and intergovernmental organizations, in its or their own aname, at its or their election (and I hereby authorize the ASSIGNEE or ASSIGNEE's attorney to tion number and filing date of the application to receive Letters Patent herein: Serial No.
And I hereby represent a	nd warrant that I have not granted any rights inconsistent with the rights granted herein.
	nat any willful false statement made in this declaration is punishable under 18 U.S.C. 1001 by fine more than five (5) years or both.
LEGAL NAME OF INV Inventor: Steven To	
Signature:	Aux Ten
	a Sheet (PTO/SB/14 or equivalent), including naming the entire inventive entity, must accompany this form. on form for each additional inventor.

Attorney Docket Number	84213471

Title of Invention	Predictive Methodology to Identify Potential Unknown Sweet Spots
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I hereby state that I havincluding the claims.	e reviewed and understand the contents of the specification in the above-identified application,
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continuation-in-part appl	disclose information which is material to patentability as defined in 37 C.F.R. 1.56, including for lications, material information which became available between the filing date of the prior nal or PCT international filing date of the continuation-in-part application.
FORD GLOBAL TECHN of the State of Delaware hereinafter referred to as interest, domestic and for of the ASSIGNEE, its su for the inventions and disname or names, or in my insert the serial/applicated ASSIGNEE, its success applications, in and to the including all application reexaminations and reissue.	
including applications fo organizations, and to per	myself, my heirs, successors, assigns or other legal representatives to execute any and all papers, r Letters Patent of any and all kinds and in any and all countries, entities and intergovernmental form any and all acts which the ASSIGNEE, its successors, assigns or other legal representatives ecure thereto the rights herein sold, assigned and set over.
And I hereby represent an	nd warrant that I have not granted any rights inconsistent with the rights granted herein.
or imprisonment of not m	at any willful false statement made in this declaration is punishable under 18 U.S.C. 1001 by fine nore than five (5) years or both.
LEGAL NAME OF INVI	~ 17/7~/~ I
Signature: Stop	len Juestzyk
	Sheet (PTO/SB/14 or equivalent), including naming the entire inventive entity, must accompany this form.

Attorney Docket Number	84213471

litle of Invention	Predictive Methodology to Identify F	otential'	Unknown Sweet Spots	
This declaration is directe	ed to:	Control of the Contro		
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 application was made or authorized to be made by me.				
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 original inventor or an original joint inventor of a claimed invention in the application.				
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 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, Country of Wayne, and State of Michigan, hereinafter referred to as the ASSIGNEE, its successors, assigns or other legal representatives, the entire right, that 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. ———————————————————————————————————				
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 INVI			Jan 29, 2020	
- O	vid Marsac es D. Marsac	Date:	OUII ZU, ZUZU	
Signature: oZame				
Note: An Application Data Use an additional declaration	Sheet (PTO/SB/14 or equivalent), including naming the n form for each additional inventor.	entire inven	nive entity, must accompany this form.	

Attorney Docket Number	84213471

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I hereby state that I have including the claims.	e reviewed and understand the contents of the specification in the above-identified application,	
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FORD GLOBAL TECHT of the State of Delaware hereinafter referred to as interest, domestic and for of the ASSIGNEE, its sufor the inventions and disname or names, or in my insert the serial/applicat ASSIGNEE, its success applications, in and to the	nent agreement heretofore made or by contractual obligation, I do sell, assign and set over unto NOLOGIES, LLC, a Ford Motor Company subsidiary, organized and existing by virtue of the laws having its principal place of business at Dearborn, County of Wayne, and State of Michigan, the ASSIGNEE, its successors, assigns or other legal representatives, the entire right, title and reign, in and to the inventions and discoveries in the above-identified invention including the right accessors, assigns or other legal representatives to make applications and to receive Letters Patent acoveries in any and all countries, entities and intergovernmental organizations, in its or their own name, at its or their election (and I hereby authorize the ASSIGNEE or ASSIGNEE's attorney to ion 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 (5) years or both.		
LEGAL NAME OF INVI	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	
Inventor: Sueha Eln Signature:	nir Salame Date: 1/27/2020	
Note: An Application Data Use an additional declaration	Sheet (PTO/SB/14 or equivalent), including naming the entire inventive entity, must accompany this form. In form for each additional inventor.	

PATENT REEL: 051713 FRAME: 0566

RECORDED: 02/04/2020