12/07/2017 504676443

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT4723165

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
MARK A. CUDDIHY	07/28/2015
GARY STEVEN STRUMOLO	07/27/2015
PRAMITA MITRA	07/27/2015
DAVID MELCHER	07/30/2015
ALI HASSANI	07/27/2015
CRAIG SIMONDS	08/03/2015

RECEIVING PARTY DATA

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

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	15580446

CORRESPONDENCE DATA

Fax Number: (408)288-7542

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: 408-288-7588

uspto@stevenslawgroup.com Email: STEVENS LAW GROUP Correspondent Name:

Address Line 1: 1754 TECHNOLOGY DRIVE, SUITE 226

Address Line 4: SAN JOSE, CALIFORNIA 95110

ATTORNEY DOCKET NUMBER:	83902605 (FGTL-01100)	
NAME OF SUBMITTER:	DAVID R. STEVENS	
SIGNATURE:	/David R. Stevens/	
DATE SIGNED:	12/07/2017	
	This document serves as an Oath/Declaration (37 CFR 1.63).	

PATENT REEL: 044329 FRAME: 0974

504676443

Total Attachments: 6 source=Assignment_Executed#page1.tif source=Assignment_Executed#page2.tif source=Assignment_Executed#page3.tif source=Assignment_Executed#page4.tif source=Assignment_Executed#page5.tif source=Assignment_Executed#page6.tif

Please direct all correspondence to:

	y Docket Number	A 4 .4	
Attama	u Dookat Numbar	1 92568772 (9671	-011001
Audine	v Docker number	1 100000110111011101110	~~1100)

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 Inventi	on	In-Vehicle Tracking Apparatus and Method
This declaration i	s directe	ed to:
		tached application, or States application or PCT international application number filed on
The above-identis	fied app	lication was made or authorized to be made by me.
I hereby state the including the clai		ve reviewed and understand the contents of the specification in the above-identified application,
I believe that I an	n the or	iginal inventor or an original joint inventor of a claimed invention in the application.
continuation-in-p	art app	o disclose information which is material to patentability as defined in 37 C.F.R. 1.56, including for discissions, 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 of the State of D hereinafter referr interest, domestic of the ASSIGNE for the invention name or names, c insert the serial PCT/US201 ASSIGNEE, its applications, in a	TECH. Delaward ed to an e and fo E, its su s and di or in my applica 5/045 success and to th plication	ment 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 ascoveries in any and all countries, entities and intergovernmental organizations, in its or their own y name, 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. 728 , Filing Date 08/18/2015 , and I hereby sell, assign and set over to the sors, assigns or other legal representatives, all rights of priority, including any provisional the inventions and discoveries in any and all countries, entities and intergovernmental organizations are claiming benefit of the filing date hereof, continuations, continuations-in-part, divisionals, we applications.
including applica organizations, an	ations fo d to per	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 rform any and all acts which the ASSIGNEE, its successors, assigns or other legal representatives recure thereto the rights herein sold, assigned and set over.
And I hereby rep	resent a	nd warrant that I have not granted any rights inconsistent with the rights granted herein.
	_	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 (Inventor: G		VENTOR ven Strumolo // Date: 7/27///
Signature:		Tary A Atrumoto
		a Sheet (PTO/SB/14 or equivalent), including naming the entire inventive entity, must accompany this form. on form for each additional inventor.

Please direct all correspondence to:

Attorney Docket Number	83565773 (FGTL-01100)	

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The above-identi	ified application was made or authorized to be made by me.
I hereby state th including the cla	nat I have reviewed and understand the contents of the specification in the above-identified application in the above-identified applications.
I believe that I ar	m the original inventor or an original joint inventor of a claimed invention in the application.
continuation-in-p	e duty to disclose information which is material to patentability as defined in 37 C.F.R. 1.56, including from applications, material information which became available between the filing date of the price he national or PCT international filing date of the continuation-in-part application.
FORD GLOBAL of the State of I hereinafter referinterest, domestic of the ASSIGNE for the invention name or names, i insert the serial PCT/US2015 ASSIGNEE, its applications, in a including all ap	employment agreement heretofore made or by contractual obligation, I do sell, assign and set over un L TECHNOLOGIES, LLC, a Ford Motor Company subsidiary, organized and existing by virtue of the law Delaware, having its principal place of business at Dearborn, County of Wayne, and State of Michigan red to as the ASSIGNEE, its successors, assigns or other legal representatives, the entire right, title and count foreign, in and to the inventions and discoveries in the above-identified invention including the right, its successors, assigns or other legal representatives to make applications and to receive Letters Pater and discoveries in any and all countries, entities and intergovernmental organizations, in its or their over or in my name, at its or their election (and I hereby authorize the ASSIGNEE or ASSIGNEE's attorney Papplication number and filling date of the application to receive Letters Patent herein: Serial Note 15/045728 and I hereby sell, assign and set over to the successors, assigns or other legal representatives, all rights of priority, including any provision and to the inventions and discoveries in any and all countries, entities and intergovernmental organization oplications claiming benefit of the filling date hereof, continuations, continuations-in-part, divisional and reissue applications.
including applice organizations, an	ree for myself, my heirs, successors, assigns or other legal representatives to execute any and all paper ations for Letters Patent of any and all kinds and in any and all countries, entities and intergovernment and to perform any and all acts which the ASSIGNEE, its successors, assigns or other legal representative sary to secure thereto the rights herein sold, assigned and set over.
And I hereby rep	resent and warrant that I have not granted any rights inconsistent with the rights granted herein.
or imprisonment	ledge that any willful false statement made in this declaration is punishable under 18 U.S.C. 1001 by fir of not more than five (5) years or both.
	OF INVENTOR ramita Mitra Date: 07/27/2015
Signature:	ranta Mita
Note: An Applica Use an additional d	tion Data Sheet (PTO/SB/14 or equivalent), including naming the entire inventive entity, must accompany this for declaration form for each additional inventor.

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Attorney Docket Number	83565773 (FGTL-01100)

## 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)

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The above-identified app	dication was made or authorized to be made by me.		
I hereby state that I have including the claims.	ve 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 disclose, 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 stor the inventions and diname or names, or in my insert the serial/applica PCT/US2015/04572 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 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 verame, 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. 18, Filing Date08/18/2015		
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 a	nd warrant that I have not granted any rights inconsistent with the rights granted herein.		
	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 INV			
Inventor: Craig Job	n Simonds Date: \$\infty 3 \cdot 2015		
Signature: <u></u>	Jarlanda		
Note: An Application Data Use an additional declaration	A Sheet (PTO/SB/14 or equivalent), including naming the entire inventive entity, must accompany this form. In form for each additional inventor.		

Attorney Docket Number +\ 83565773 (FGTL-01100)	Attorney Docket Number	83565773 (FGTL-01100)
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I hereby state the including the cla		e reviewed and understand the contents of the specification in the above-identified application,		
I believe that I a	m the ori	ginal inventor or an original joint inventor of a claimed invention in the application.		
continuation-in-	part appl	disclose information which is material to patentability as defined in 37 C.F.R. 1.36, including for lications, material information which became available between the filing date of the prior hal or PCT international filing date of the continuation-in-part application.		
FORD GLOBAL of the State of interest, domesti of the ASSIGNI for the inventior name or names, insert the serial PCT/US2015/ ASSIGNEE, its applications, in	L TECHY Delaware red to as ic and for 3E, its su as and dir or in my l/applicat /045728 success and to the oplication	ors, assigns or other legal representatives, all rights of priority, including any provisional e inventions and discoveries in any and all countries, entities and intergovernmental organizations is claiming benefit of the filing date hereof, continuations, continuations-in-part, divisionals.		
including applic organizations, as	ations fo nd to per	nyself, 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 rep	oresent ar	nd warrant that I have not granted any rights inconsistent with the rights granted herein.		
		at any willful false statement made in this declaration is punishable under 18 U.S.C. 1001 by fine tore than five (5) years or both.		
LEGAL NAME		ENTOR		
Inventor:/	VIi Hassa	mi Date: 7/2/15		
		s Sheet (PTO/SB/14 or equivalent), including naming the entire inventive entity, must accompany this form. In form for each additional inventor.		

#### Please direct all correspondence to:

Attorney Docket Number	83565773 (FGTL-01100)	

## 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)

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The attached application, or  United States application or PCT international application number filed on						
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, 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.  PCT/US2015/045728 , Filing Date 08/18/2015 ), and I hereby sell, assign and set over to the ASSIGNEE, its successors, assigns or other legal representatives, all rights of priority, including any provisional applications, in and to the inventions and discoveries in any and all countries, entities and intergovernmental organizations including all applications claiming benefit of the filing date hereof, continuations, continuations-in-part, divisionals, reexaminations and reissue applications.						
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 INVENTOR Inventor: Mark A. Cuddily Date: >/2-8/2-0/5						
Signature:						
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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Attorney Doc	ket Number	83565773	(FGTL-01	100)

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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.				
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 Inventor: <u>David Me</u>	the contract of the contract o			
Signature:	-211:94.42.2			
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.				
·····	***************************************			

PATENT REEL: 044329 FRAME: 0981

**RECORDED: 12/07/2017**