506075772 05/26/2020

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT6122487

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
SHALABH RAKESH BHATNAGAR	05/20/2020
NITENDRA NATH	05/18/2020
AMEY YOGESH KARNIK	05/19/2020
JIGARKUMAR PATEL	05/19/2020

RECEIVING PARTY DATA

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

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	16883451

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: 313-528-4882

Email: docket@b2iplaw.com

Correspondent Name: BEJIN BIENEMAN PLC FORD GLOBAL TECHNOLOG

Address Line 1: 2000 TOWN CENTER

Address Line 2: SUITE 800

Address Line 4: SOUTHFIELD, MICHIGAN 48075

ATTORNEY DOCKET NUMBER:	84250074(65080-3621)	
NAME OF SUBMITTER:	NATHAN A. SMITH	
SIGNATURE:	/Nathan A. Smith/	
DATE SIGNED:	05/26/2020	
	This document serves as an Oath/Declaration (37 CFR 1.63).	

PATENT REEL: 052751 FRAME: 0990

506075772

Total Attachments: 4

source=84250074-Signed-Combined-Declaration-and-Assignment--all-4-inventors with filing info (65080-3621)#page1.tif

source=84250074-Signed-Combined-Declaration-and-Assignment--all-4-inventors with filing info (65080-3621)#page2.tif

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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	VEHICLE LANE-BASED CONTROL
This declaration is directe	d to:
X United	ached application, or States application or PCT international application number 3.451 filed on May 26, 2020 (I hereby authorize the insertion of the application filing date and en they become known.)
The above-identified appl	lication was made or authorized to be made by me.
I hereby state that I havincluding the claims.	re reviewed and understand the contents of the specification in the above-identified application,
I believe that I am the orig	ginal inventor or an original joint inventor of a claimed invention in the application.
continuation-in-part appl	o 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 all or PCT international filing date of the continuation-in-part application.
FORD GLOBAL TECHN the State of Delaware, It hereinafter referred to a and interest, domestic and of the ASSIGNEE, its suc the inventions and discov or names, or in my name, serial/application number 16/883,451 ASSIGNEE, its success applications, in and to the	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 of having its principal place of business at Dearborn, County of Wayne, and State of Michigan, as the ASSIGNEE, its successors, assigns or other legal representatives, the entire right, title foreign, in and to the inventions and discoveries in the above-identified invention including the right excessors, assigns or other legal representatives to make applications and to receive Letters Patent for eries 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 insert the r and filing date of the application to receive Letters Patent herein: Serial No.
including applications for organizations, and to perfe	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 orm any and all acts which the ASSIGNEE, its successors, assigns or other legal representatives may thereto the rights herein sold, assigned and set over.
And I hereby represent an	ed warrant that I have not granted any rights inconsistent with the rights granted herein.
imprisonment of not more	at any willful false statement made in this declaration is punishable under 18 U.S.C. 1001 by fine or than five (5) years or both.
LEGAL NAME OF INVI Inventor: Shalabh Ral	ENTOR kesh Bhatnagar Date:05/20/2020
Signature: /Shalabh Rrak	
	Sheet (PTO/SB/14 or equivalent), including naming the entire inventive entity, must accompany this form. Use m for each additional inventor.

Title of Invention

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)

VEHICLE LANE-BASED CONTROL

This declaration	on is directe	ed to:		ARRAMARRAMARRAMAR	
number into the	United <u>16/883</u>	ached application, or States application or PCT intern.,451 filed on May 26, 2020(en they become known.)			the application filing date and
The above-ide	entified appl	ication was made or authorized	to be made by me.		
I hereby state including the		e reviewed and understand the	contents of the specific	cation in th	ne above-identified application,
I believe that I	I am the orig	ginal inventor or an original join	nt inventor of a claimed i	invention in	the application.
continuation-i	n-part appl		which became availab	ole betweer	in 37 C.F.R. 1.56, including for the filing date of the prior cation.
FORD GLOB of the State of hereinafter retinterest, dome of the ASSIG for the inventiname or name insert the ser 16/883,451 ASSIGNEE, applications, i including all reexamination And I hereby	AL TECHN of Delaware ferred to as stic and for NEE, its su ions and dis ss, or in my rial/applicat its success n and to the application is and reissu agree for n	NOLOGIES, LLC, a Ford Moto, having its principal place of the ASSIGNEE, its successor eign, in and to the inventions a ccessors, assigns or other legal ecoveries in any and all countrie name, at its or their election (a ion number and filing date, Filing DateMay 26, ors, assigns or other legal representations and discoveries in a claiming benefit of the filing applications.	r Company subsidiary, or business at Dearborn, Company subsidiary, or business at Dearborn, Company subsidiary, or business at Dearborn, Company subsidiary or company subsidiary and intergove and I hereby authorize the properties of the application to recompany subsidiary and all countries, end and all countries, ending date hereof, continuously signs or other legal representatives.	organized an County of V representation application ernmental or e ASSIGNI eccive Lett d I hereby is of priorintities and intations, contresentatives	o sell, assign and set over unto ad existing by virtue of the laws. Wayne, and State of Michigan, tives, the entire right, title and ed invention including the right as and to receive Letters Patent rganizations, in its or their own EE or ASSIGNEE's attorney to ters Patent herein: Serial No. sell, assign and set over to the ity, including any provisional intergovernmental organizations attinuations-in-part, divisionals, to execute any and all papers, entities and intergovernmental
		form any and all acts which the cure thereto the rights herein so			as or other legal representatives
And I hereby	represent an	d warrant that I have not grante	d any rights inconsistent	with the rig	ghts granted herein.
or imprisonme	ent of not m	ore than five (5) years or both.	ade in this declaration is	s punishable	e under 18 U.S.C. 1001 by fine
LEGAL NAM			7	Datas	Mars 10, 0000
	Nitendra N			Date:	May 18, 2020
Signature:	/Nitendra N	ath/			
		Sheet (PTO/SB/14 or equivalent). form for each additional inventor.		re inventive	entity, must accompany this form.
COC all addition	u uviaiiiiii	i ionia noi onon additionat myemor.			

Title of Invention

	Attorney Docket Number	84250074(65080-3621)	
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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)

VEHICLE LANE-BASED CONTROL

This declaration is directed	to:		
☑ United S	ched application, or tates application or PCT international 451 filed on May 26, 2020 (I herebother they become known.)		n of the application filing date and
The above-identified applic	cation was made or authorized to be n	nade by me.	
I hereby state that I have including the claims.	reviewed and understand the conter	nts of the specification i	n the above-identified application,
I believe that I am the origi	nal inventor or an original joint inver	ntor of a claimed invention	on in the application.
continuation-in-part applie	lisclose information which is material cations, material information which I or PCT international filing date of the control o	became available bety	ween the filing date of the prior
FORD GLOBAL TECHNO of the State of Delaware, hereinafter referred to as t interest, domestic and forei of the ASSIGNEE, its successor the inventions and disconame or names, or in my n insert the serial/application 16/883,451 ASSIGNEE, its successor applications, in and to the	ont agreement heretofore made or by DLOGIES, LLC, a Ford Motor Comphaving its principal place of business the ASSIGNEE, its successors, assiging, in and to the inventions and discressors, assigns or other legal repressoveries in any and all countries, entitioned, at its or their election (and I here in number and filing date of the filing Date May 26, 2020 rs, assigns or other legal represent inventions and discoveries in any and claiming benefit of the filing date applications.	pany subsidiary, organize as at Dearborn, County and or other legal representatives to make application and intergovernment areby authorize the ASSI application to receive	d and existing by virtue of the laws of Wayne, and State of Michigan, entatives, the entire right, title and ntified invention including the right ations and to receive Letters Patent al organizations, in its or their own GNEE or ASSIGNEE's attorney to Letters Patent herein: Serial No. by sell, assign and set over to the riority, including any provisional and intergovernmental organizations
including applications for organizations, and to perfo	yself, my heirs, successors, assigns of Letters Patent of any and all kinds a firm any and all acts which the ASSIG ure thereto the rights herein sold, assi	and in any and all country GNEE, its successors, as	ries, entities and intergovernmental
And I hereby represent and	warrant that I have not granted any r	ights inconsistent with th	ne rights granted herein.
	any willful false statement made in re than five (5) years or both.	this declaration is punish	nable under 18 U.S.C. 1001 by fine
LEGAL NAME OF INVE			
Inventor: Amey Yoge	esh Karnik	Date:	5/19/2020
Signature: /Amey Yoges	h Karnik /		
Note: An Application Data S	Sheet (PTO/SB/14 or equivalent), includi	na namina the entire incre	tive entity must accompany this form
	form for each additional inventor.	ng naming the entire iliven	ave entry, must accompany this form.

Title of Invention

RECORDED: 05/26/2020

Attorney Docket Number	84250074(65080-3621)	
Autorney Docker Number	04230074(03000-3021)	

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)

VEHICLE LANE-BASED CONTROL

This declaration is directed to:
The attached application, or United States application or PCT international application number
11 11
16/883,451 filed on May 26, 2020 (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, 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.
16/883,451 , Filing Date May 26, 2020), 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: Jigarkumar Patel Date: 5/19/2020
Signature: /Jigarkumar Patel/
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.