PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT4449604

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
JINESH J JAIN	09/09/2015
DANIEL LEVINE	09/08/2015

RECEIVING PARTY DATA

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

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	15616773

CORRESPONDENCE DATA

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using a fax number, if provided; if that is unsuccessful, it will be sent via US Mail.

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ATTORNEY DOCKET NUMBER:	83813451 (FGTL-02101)
NAME OF SUBMITTER:	DAVID R. STEVENS
SIGNATURE:	/David R. Stevens/
DATE SIGNED:	06/07/2017
	This document serves as an Oath/Declaration (37 CFR 1.63).

Total Attachments: 2

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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 Inver	ition	Formulating Lane Level Routing Plans
This declaration	a is direc	sted to:
N C	Unite	nttached application, or d States application or PCT international application number filed on
The above-iden		plication was made or authorized to be made by me.
I hereby state tincluding the cl		eve reviewed and understand the contents of the specification in the above-identified application,
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	to disclose information which is material to patentability as defined in 37 C.F.R. 1.56, including for plications, material information which became available between the filing date of the prior onal or PCT international filing date of the continuation-in-part application.
FORD GLOBA of the State of hereinafter refe interest, domest of the ASSIGN for the inventio name or names, insert the serie 14/861,745 ASSIGNEE, it applications, in including all a	L TECH Delawared to a tic and fo EE, its a ns and d or in m d/applicate and to t pplication	ment agreement heretofore made or by contractual obligation, I do sell, assign and set over unto INOLOGIES, LLC, a Ford Motor Company subsidiary, organized and existing by virtue of the laws re, 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 and preign, in and to the inventions and discoveries in the above-identified invention including the right successors, assigns or other legal representatives to make applications and to receive Letters Patent discoveries in any and all countries, entities and intergovernmental organizations, in its or their own and y name, at its or their election (and I hereby authorize the ASSIGNEE or ASSIGNEE's attorney to ation number and filing date of the application to receive Letters Patent herein: Serial No. Filing Date 09/22/2015), and I hereby sell, assign and set over to the assors, assigns or other legal representatives, all rights of priority, including any provisional he inventions and discoveries in any and all countries, entities and intergovernmental organizations and claiming benefit of the filing date hereof, continuations, continuations-in-part, divisionals, see applications.
including applic organizations, a	cations f ind to pe	myself, my heirs, successors, assigns or other legal representatives to execute any and all papers, for Letters Patent of any and all kinds and in any and all countries, entities and intergovernmental arform any and all acts which the ASSIGNEE, its successors, assigns or other legal representatives secure thereto the rights herein sold, assigned and set over.
And I hereby re	present a	and warrant that I have not granted any rights inconsistent with the rights granted herein.
or imprisonmen	t of not i	hat 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		
inventor:	linesh L.	
Signature:	1/2.00	
		ta Sheet (PTO/SB/14 or equivalent), including naming the entire inventive entity, must accompany this form, on form for each additional inventor.

PATENT REEL: 042731 FRAME: 0465

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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	Formulating Lane Level Routing Plans
This declaration is direct	ed to:
United	tached application, or States application or PCT international application number filed on
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 discions, 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 Delaward hereinafter referred to ac interest, domestic and fo of the ASSIGNEE, its so for the inventions and diname or names, or in my insert the serial/applica 14/861,745 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 or name, at its or their election (and I hereby authorize the ASSIGNEE or ASSIGNEE's attorney to thom number and filing date of the application to receive Letters Patent herein: Serial No. ———————————————————————————————————
including applications for organizations, and 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 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 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	and the second of the second o
Inventor: <u>Daniel L</u>	evine Date: \(\frac{2\lambda{\lambda}{\lambda}}{2\lambda{\lambda}}
Signature:	
	a Sheet (PTO/SB/14 or equivalent), including naming the entire inventive entity, must accompany this form, on form for each additional inventor.

PATENT REEL: 042731 FRAME: 0466

RECORDED: 06/07/2017