504321121 04/13/2017

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 EPAS ID: PAT4367803 Stylesheet Version v1.2

 SUBMISSION TYPE:
 NEW ASSIGNMENT

 NATURE OF CONVEYANCE:
 ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
BIBHRAJIT HALDER	01/12/2016
SCOTT VARNHAGEN	01/11/2016

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:	15487184

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ATTORNEY DOCKET NUMBER: 83805061 (FGTL-06001)

NAME OF SUBMITTER: DAVID R. STEVENS

SIGNATURE: /David R. Stevens/

DATE SIGNED: 04/13/2017

This document serves as an Oath/Declaration (37 CFR 1.63).

Total Attachments: 2

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PATENT 504321121 REEL: 042004 FRAME: 0235

Attorney Docket Number	83619685 (FGTL-06000)
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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)

THE OF INVERIO	Localization
This declaration is	
	The attached application, or United States application or PCT international application numberfiled on
The above-identific	ed application was made or authorized to be made by me.
I hereby state that including the claim	I have reviewed and understand the contents of the specification in the above-identified application, is.
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.	
FORD GLOBAL 1 of the State of De hereinafter referred interest, domestic a of the ASSIGNEE for the inventions mame or names, or insert the serial/a 15/010,303 ASSIGNEE, its sapplications, in an including all applications.	reployment agreement heretofore made or by contractual obligation, I do sell, assign and set over unto IECHNOLOGIES, LLC, a Ford Motor Company subsidiary, organized and existing by virtue of the laws laware, having its principal place of business at Dearborn, County of Wayne, and State of Michigan, I to as the ASSIGNEE, its successors, assigns or other legal representatives, the entire right, title and and 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 Patent and discoveries in any and all countries, entities and intergovernmental organizations, in its or their own in my name, at its or their election (and I hereby authorize the ASSIGNEE or ASSIGNEE's attorney to peplication number and filing date of the application to receive Letters Patent herein: Serial No.
including applicati organizations, and	e for myself, my heirs, successors, assigns or other legal representatives to execute any and all papers, ons for Letters Patent of any and all kinds and in any and all countries, entities and intergovernmental to perform any and all acts which the ASSIGNEE, its successors, assigns or other legal representatives ry to secure thereto the rights herein sold, assigned and set over.
And I hereby repre	sent and warrant that I have not granted any rights inconsistent with the rights granted herein.
or imprisonment of	dge that any willful false statement made in this declaration is punishable under 18 U.S.C. 1001 by fine for more than five (5) years or both.
LEGAL NAME Of Inventor: Bib	hrajit Halder Date: 12 Jan 2016
Signature:	Wale Land
	on Data Sheet (PTO/SB/14 or equivalent), including naming the entire inventive entity, must accompany this form.

PATENT REEL: 042004 FRAME: 0236

Attorney Docket Number	83619685 (FGTL-06000)	

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	ion Tracking Objects Within A Dynamic Environment For Improved Localization	
This declaration is	s directed to:	
	The attached application, or United States application or PCT international application number filed on	
The above-identif	fied 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 filling date of the application to receive Letters Patent herein: Serial No. 15/010,303 , Filing Date 01/29/2016 , 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		
	d to perform any and all acts which the ASSIGNEE, its successors, assigns or other legal representatives ary to secure thereto the rights herein sold, assigned and set over.	
And I hereby repre	esent and warrant that I have not granted any rights inconsistent with the rights granted herein.	
	edge that any willful false statement made in this declaration is punishable under 18 U.S.C. 1001 by fine of not more than five (5) years or both.	
LEGAL NAME O		
Inventor: <u>Sc</u>	ott Varnhagen Date: Jon 1, 20/6	
Signature:		
	ion Data Sheet (PTO/SB/14 or equivalent), including naming the entire inventive entity, must accompany this form. eclaration form for each additional inventor.	

PATENT REEL: 042004 FRAME: 0237

RECORDED: 04/13/2017