### PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2

EPAS ID: PAT3798695

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

#### **CONVEYING PARTY DATA**

Name	Execution Date
ALEXANDER GROH	03/04/2016
ASHLEY ELIZABETH MICKS	03/03/2016
VIDYA NARIYAMBUT MURALI	02/29/2016

#### **RECEIVING PARTY DATA**

Name:	FORD GLOBAL TECHNOLOGIES, LLC
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#### **PROPERTY NUMBERS Total: 1**

Property Type	Number
Application Number:	15079540

#### CORRESPONDENCE DATA

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ATTORNEY DOCKET NUMBER:	83634929 (FGTL-07300)
NAME OF SUBMITTER:	DAVID R. STEVENS
SIGNATURE:	/David R. Stevens/
DATE SIGNED:	03/24/2016
	This document serves as an Oath/Declaration (37 CFR 1.63).

#### **Total Attachments: 3**

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Attorney Docket Number	83634929 (FGTL-07300)	
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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 Inventi	on Method and System for Virtual Sensor Data Generation with Depth Ground Truth Annotation								
This declaration i									
	The attached application, or United States application or PCT international application numberfiled on								
The above-identia	fied application was made or authorized to be made by me.								
I hereby state the including the claim	at I have reviewed and understand the contents of the specification in the above-identified application, ms.								
I believe that I an	n 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 for art applications, material information which became available between the filing date of the prior ne national 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 inventions name or names, o insert the serial/ 15/079,540 ASSIGNEE, its applications, in a including all appreexaminations and	employment agreement heretofore made or by contractual obligation, I do sell, assign and set over unto TECHNOLOGIES, LLC, a Ford Motor Company subsidiary, organized and existing by virtue of the laws belaware, having its principal place of business at Dearborn, County of Wayne, and State of Michigan, ed 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 E, 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 for in my name, at its or their election (and I hereby authorize the ASSIGNEE or ASSIGNEE's attorney to application number and filing date of the application to receive Letters Patent herein: Serial No.  ———————————————————————————————————								
including applica organizations, an	tions 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 repr	resent 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									
Signature:	Atomy WL								
	tion Data Sheet (PTO/SB/14 or equivalent), including naming the entire inventive entity, must accompany this form.								

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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 Inven	Method and System for Virtual Ground Truth Annotation	Sensor Data Generation with Depth
This declaration		
	The attached application, or United States application or PCT international application filed on	
The above-iden	tified application was made or authorized to be made by	me.
I hereby state t including the cla	that I have reviewed and understand the contents of thaims.	e specification in the above-identified application,
I believe that I a	am the original inventor or an original joint inventor of a	claimed invention in the application.
continuation-in-	he duty to disclose information which is material to pate part applications, material information which becam the national or PCT international filing date of the contin	e available between the filing date of the prior
FORD GLOBA of the State of hereinafter refer interest, domest of the ASSIGNI for the invention name or names, insert the seria 15/079,540. ASSIGNEE, its applications, in including all ap	employment agreement heretofore made or by contract. TECHNOLOGIES, LLC, a Ford Motor Company sub Delaware, having its principal place of business at Detred to as the ASSIGNEE, its successors, assigns or or fic and foreign, in and to the inventions and discoveries in EE, its successors, assigns or other legal representatives and discoveries in any and all countries, entities and or in my name, at its or their election (and I hereby auth/application number and filing date of the application. Filing Date 03/24/2016  s successors, assigns or other legal representatives, and to the inventions and discoveries in any and all coupplications claiming benefit of the filing date hereof and reissue applications.	sidiary, organized and existing by virtue of the laws arborn, County of Wayne, and State of Michigan, ther legal representatives, the entire right, title and in the above-identified invention including the right to make applications and to receive Letters Patent intergovernmental organizations, in its or their own horize the ASSIGNEE or ASSIGNEE's attorney to ion to receive Letters Patent herein: Serial No), and I hereby sell, assign and set over to the all rights of priority, including any provisional intries, entities and intergovernmental organizations
including applic organizations, a	gree for myself, my heirs, successors, assigns or other cations for Letters Patent of any and all kinds and in ar and to perform any and all acts which the ASSIGNEE, it stary to secure thereto the rights herein sold, assigned an	by and all countries, entities and intergovernmental ts successors, assigns or other legal representatives
And I hereby rep	present and warrant that I have not granted any rights inc	onsistent with the rights granted herein.
or imprisonment	wledge that any willful false statement made in this decl t of not more than five (5) years or both.	aration is punishable under 18 U.S.C. 1001 by fine
	OF INVENTOR Ashley Elizabeth Micks	n 2/2/2011
Signature:	NA 104	Date: 3/3/2014
Note: An Applica Use an additional	ation Data Sheet (PTO/SB/14 or equivalent), including namin declaration form for each additional inventor.	g the entire inventive entity, must accompany this form.

**RECORDED: 03/24/2016** 

Attorney	Docket 8	dumber	83634929 (	FGTL-07300	)

## 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)

Ground Truth Annotation
This declaration is directed to:
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.  15/079,540  Filing Date  03/24/2016  03/24/2016  03/24/2016  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: Vidya Nariyambut murali Date: 2/29/2016
Signature: NMV1 dya
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.