#### 504347247 05/02/2017

## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2

EPAS ID: PAT4393935

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

#### **CONVEYING PARTY DATA**

Name	Execution Date
KWAKU O. PRAKAH-ASANTE	11/28/2016
DONNELL MATTHEW WASHINGTON	11/29/2016
FLING FINN TSENG	11/28/2016

### **RECEIVING PARTY DATA**

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Street Address:	SUITE 800, 330 TOWN CENTER DRIVE
City:	DEARBORN
State/Country:	MICHIGAN
Postal Code:	48126

## **PROPERTY NUMBERS Total: 1**

Property Type	Number
Application Number:	15379039

### 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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JAMES P. MURAFF **Correspondent Name:** 

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Address Line 2: ATTN: PATENT ADMINISTRATOR

CHICAGO, ILLINOIS 60602 Address Line 4:

<b>ATTORNEY DOCKET NUMBER:</b> 83741818(026780.8541)	
NAME OF SUBMITTER:	JAMES P. MURAFF
SIGNATURE:	/JAMES P. MURAFF/
DATE SIGNED:	05/02/2017

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

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source=Tseng-Declaration#page1.tif

source=Asante-Declaration kpa#page1.tif

**PATENT** REEL: 042208 FRAME: 0290

504347247

## Please direct all correspondence to:

	**************************************
Attorney Docket Number	83741818

# 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	INFRASTRUCTURE-CENTRIC VEHICLE MODE SELECTION	
574 27 3 4 27 37 37 37	3	
This declaration is direct	ed to:	
The attached application, or United States application or PCT international application number filed on (I hereby authorize the insertion of the application filing date and number into this form when they become known.)		
The above-identified app	olication 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 discations, material information which became available between the filing date of the prior anal 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 for of the ASSIGNEE, its sfor the inventions and d name or names, or in m insert the serial/applications, in and to the including all application reexaminations and reise		
including applications for organizations, and 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 erform 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 represent:	and warrant that I have not granted any rights inconsistent with the rights granted herein.	
or imprisonment of not	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 OF IN Inventor: Donnell	VENTOR  Matthew Washington II Date: リノ2ペノ2の16	
Signature: A~	ur Att	
Next to kartiness D	y )  ta Sheet (PTO/SB/14 or equivalent), including naming the entire inventive entity, must accompany this form.	
	in form for each additional inventor.	

PATENT REEL: 042208 FRAME: 0291

## Please direct all correspondence to:

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Attorney Docket Number	83741818	

# 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)

inte of invention	INFRASTRUCTURE-CENTRIC \	VEHICLE MODE SELECTION
This declaration is direct	ed to:	
☐ United	tached application, or  I States application or PCT international appli	lication number insertion filing date and number into
The above-identified app	olication was made or authorized to be made b	by me.
I hereby state that I havincluding the claims.	ve reviewed and understand the contents of	f the specification in the above-identified application.
I believe that I am the ori	iginal inventor or an original joint inventor of	f a claimed invention in the application.
continuation-in-part app	o disclose information which is material to pa dications, material information which beca nal or PCT international filing date of the con-	patentability as defined in 37 C.F.R. 1.56, including for ame available between the filing date of the prior ntinuation-in-part application.
of the State of Delaware hereinafter referred to as interest, domestic and for of the ASSIGNEE, its suffor the inventions and disname or names, or in my insert the serial/applications. ASSIGNEE, its success applications, in and to the including all application reexaminations and reissuand in hereby agree for micluding applications for	NOLOGIES, LLC, a Ford Motor Company sue, having its principal place of business at I is the ASSIGNEE, its successors, assigns or reign, in and to the inventions and discoverie uccessors, assigns or other legal representative scoveries in any and all countries, entities and manner, at its or their election (and I hereby a tion number and filing date of the applications, Filing Date for assigns or other legal representatives the inventions and discoveries in any and all constructions and discoveries in any and all constructions.  Myself, my heirs, successors, assigns or other Letters Patent of any and all kinds and in	practual obligation, I do sell, assign and set over unto subsidiary, organized and existing by virtue of the laws Dearborn, County of Wayne, and State of Michigan, other legal representatives, the entire right, title and es in the above-identified invention including the right was to make applications and to receive Letters Patent and intergovernmental organizations, in its or their own authorize the ASSIGNEE or ASSIGNEE's attorney to cation to receive Letters Patent herein: Serial No.
may deem necessary to se	ecure thereto the rights herein sold, assigned a	and set over.
And I hereby represent ar	nd warrant that I have not granted any rights in	inconsistent with the rights granted herein.
or imprisonment of not m	ore than five (5) years or both.	eclaration is punishable under 18 U.S.C. 1001 by fine
LEGAL NAME OF INVI		11/28/2016
Inventor: Fling Finn	1 Tseng	Date:
Signature:		3
	• • •	/
	Sheet (PTO/SB/14 or equivalent), including name	ning the entire inventive entity, must accompany this form.

PATENT REEL: 042208 FRAME: 0292

## Please direct all correspondence to:

RECORDED: 05/02/2017

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Attorney Docket Number	83741818

# 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	INFRASTRUCTURE-CENTRIC VEHICLE MODE SELECTION
This declaration is direct	ed to:
United	tached application, or  I States application or PCT international application number  filed on (I hereby authorize the insertion of the application filing date and number into ome known.)
The above-identified app	olication 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 dications, 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  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 successors, assigns or other legal representatives to make applications and to receive Letters Patent secoveries in any and all countries, entities and intergovernmental organizations, in its or their own and an its or their election (and I hereby authorize the ASSIGNEE or ASSIGNEE's attorney to the 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 more than five (5) years or both.
LEGAL NAME OF INV Inventor: Kwaku O Signature:	ENTOR Prakah-Asante Date: 1/28/2016
	a Sheet (PTO/SB/14 or equivalent), including naming the entire inventive entity, must accompany this form,

PATENT REEL: 042208 FRAME: 0293