### 503746924 03/21/2016

### PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT3793569

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

### **CONVEYING PARTY DATA**

Name	Execution Date
SCOTT VINCENT MYERS	02/29/2016
SHANE ELWART	03/18/2016
WALTER JOSEPH TALAMONTI	03/18/2016
JONATHAN THOMAS MULLEN	03/18/2016
ZACHARY DAVID NELSON	03/21/2016
TORY SMITH	03/15/2016
BIBHRAJIT HALDER	03/15/2016
KYU JEONG HAN	03/16/2016

### **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:	15076360

### **CORRESPONDENCE DATA**

**Fax Number:** (408)288-7542

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:** 408-288-7588

Email: uspto@stevenslawgroup.com
Correspondent Name: STEVENS LAW GROUP

Address Line 1: 1754 TECHNOLOGY DRIVE, SUITE 226

Address Line 4: SAN JOSE, CALIFORNIA 95110

ATTORNEY DOCKET NUMBER: 83632678 (FGTL-06600)

NAME OF SUBMITTER: DAVID R. STEVENS

SIGNATURE: /David R. Stevens/

PATENT 503746924 REEL: 038055 FRAME: 0346

DATE SIGNED:	03/21/2016
	This document serves as an Oath/Declaration (37 CFR 1.63)
otal Attachments: 8	
ource=Assignment_Executed#page1.ti	f
ource=Assignment_Executed#page2.ti	f
ource=Assignment_Executed#page3.ti	f
ource=Assignment_Executed#page4.ti	f
ource=Assignment_Executed#page5.ti	f
ource=Assignment_Executed#page6.ti	f
ource=Assignment_Executed#page7.ti	f
source=Assignment_Executed#page8.ti	f

																													, l				
		13																															

Little of Invention	Identifying a Driver of a Vehicle
This declaration is di	rected to:
□ Un	e attached application, or ited States application number filed on
The above-identified	application was made or authorized to be made by me.
I hereby state that I including the claims.	have reviewed and understand the contents of the specification in the above-identified application,
I believe that I am the	original inventor or an original joint inventor of a claimed invention in the application.
continuation-in-part	by to disclose information which is material to patentability as defined in 37 C.F.R. 1.56, including for applications, material information which became available between the filing date of the prior attional or PCT international filing date of the continuation-in-part application.
PORD GLOBAL TERM of the State of Delay hereinafter referred to interest, domestic and of the ASSIGNEE, it for the inventions and name or names, or in insert the serial/appl 15/076,360  ASSIGNEE, its successful applications, in and to	oyment agreement heretofore made or by contractual obligation, I do sell, assign and set over unto CHNOLOGIES, LLC, a Ford Motor Company subsidiary, organized and existing by virtue of the laws ware, having its principal place of business at Dearborn, County of Wayne, and State of Michigan, o as the ASSIGNEE, its successors, assigns or other legal representatives, the entire right, title and I foreign, in and to the inventions and discoveries in the above-identified invention including the right is successors, assigns or other legal representatives to make applications and to receive Letters Patent I discoveries in any and all countries, entities and intergovernmental organizations, in its or their own my name, at its or their election (and I hereby authorize the ASSIGNEE or ASSIGNEE's attorney to ication number and filing date of the application to receive Letters Patent herein: Serial No.  —, Filing Date
including applications organizations, and to	or myself, my heirs, successors, assigns or other legal representatives to execute any and all papers, is for Letters Patent of any and all kinds and in any and all countries, entities and intergovernmental perform any and all acts which the ASSIGNEE, its successors, assigns or other legal representatives o secure thereto the rights herein sold, assigned and set over.
And I hereby represer	at and warrant that I have not granted any rights inconsistent with the rights granted herein.
or imprisonment of ne	that any willful false statement made in this declaration is punishable under 18 U.S.C. 1001 by fine of more than five (5) years or both.
LEGAL NAME OF III	NVENTOR /incent Myers / つ Date: 2-2ター2016
Signature:	Large Date.
	**************************************
Note: An Application I Use an additional declar	Data Sheet (PTO/SB/14 or equivalent), including naming the entire inventive entity, must accompany this form, ation form for each additional inventor.

~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~	
Attorney Docket Number	83632678 (FGTL-06600)

inse of invention	Identifying a Driver of a Vehicle								
This declaration is directe	xi to:								
☐ United	ached 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 hav including the claims.	c reviewed and understand the contents of the specification in the above-identified application,								
I believe that I am the ori	ginal inventor or an original joint inventor of a claimed invention in the application.								
continuation-in-part app	disclose information which is material to patentability as defined in 37 C.F.R. 1.56, including for fications, material information which became available between the filing date of the prior ral or PCT international filing date of the continuation-in-part application.								
FORD GLOBAL TECHI of the State of Delaware hereinafter referred to as interest, domestic and for of the ASSIGNEE, its su for the inventions and di- name or names, or in my insert the serial/applicat 15/076,360  ASSIGNEE, its success applications, in and to th including all 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. 15/076,360, Filing Date March 21, 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.								
including applications fo organizations, and to per	nyself, 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 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 at	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 ore than five (5) years or both.								
LEGAL NAME OF INV	ENTOR								
Inventor: Shane El	wart Date: 16-19-20/6								
Signature:									
	Sheet (PTO/SB/14 or equivalent), including naming the entire inventive entity, must accompany this form. In form for each additional inventor.								

140.00	The distance of	DOCCOSTON .	CONTRACTOR OF STATE OF THE
attornes	Docket Number	X (A ()A /X /	(FGTL-06600)
THEOTHER	moderet i dullioci	020260101	CLANTE-MANAMAK

Title of Invention	Identifying a Driver of a Vehicle									
This declaration is direct	ed to:									
United United	tached application, or I States application or PCT international applica	tion number								
The above-identified app	lication was made or authorized to be made by	me.								
I hereby state that I have including the claims.	e reviewed and understand the contents of the	e specification in the above-identified application,								
I believe that I am the ori	iginal inventor or an original joint inventor of a	claimed invention in the application.								
continuation-in-part app		entability as defined in 37 C.F.R. 1.56, including for e available between the filing date of the prior nuation-in-part application.								
FORD GLOBAL TECHI of the State of Delaware hereinafter referred to as interest, domestic and for of the ASSIGNEE, its su for the inventions and di name or names, or in my insert the serial/applicat  15/076.360  ASSIGNEE, its success applications, in and to th including all 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. 15/076.360 , Filing Date March 21.2016 ), 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.									
including applications for organizations, and to per	or Letters Patent of any and all kinds and in ar	legal representatives to execute any and all papers, by and all countries, entities and intergovernmental its successors, assigns or other legal representatives d set over.								
And I hereby represent as	nd warrant that I have not granted any rights inc	onsistent with the rights granted herein.								
or imprisonment of not n	nore than five (5) years or both.	aration is punishable under 18 U.S.C. 1001 by fine								
LEGAL NAME OF INV		فد شدست بالاستخداد المعار الارائية								
Inventor: Walter To Signature: Walter To	seph Talamonti	Date: /8_MARCH-2016								
A										
	a Sheet (PTO/SB/14 or equivalent), including namin in form for each additional inventor.	ng the entire inventive entity, must accompany this form.								

Attorney	Docker	Number	836
· Academic Co.	A SAMPLEY	C. C. C. C. C. S. C.	3 (4.50)

83632678 (FGTL-06600)

## 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	Identifying a Driver of a Vehicle			
This declaration is directed 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 original 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 lications, 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 Delawars hereinafter referred to a interest, domestic and fo of the ASSIGNEE, its su for the inventions and di name or names, or in my insert the serial/applicat	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 a having its principal place of business at Dearborn, County of Wayne, and State of Michigan, 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, emities 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 finn number and filing date of the application to receive Letters Patent herein: Serial No. Filing Date March 21, 2016 ), and I hereby sell, assign and set over to the tors, assigns or other legal representatives, all rights of priority, including any provisional e inventions and discoveries in any and all countries, entities and intergovernmental organizations as claiming benefit of the filing date hereof, continuations, continuations-in-part, divisionals, as applications.			
including applications for organizations, and to per	nyself, 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 form any and all acts which the ASSIGNEE, its successors, assigns or other legal representatives occure thereto the rights herein sold, assigned and set over.			
And I hereby represent as	nd warrant that I have not granted any rights inconsistent with the rights granted herein.			
or imprisonment of not n	at any willful false statement made in this declaration is punishable under 18 U.S.C. 1001 by fine tore than five (5) years or both.			
LEGAL NAME OF INV Inventor: Jenathan Signature:	ENTOR Thomas Mullen Date: 3/18/16			
Note: An Application Data Use an additional declaratio	Sheet (PTO/SB/14 or equivalent), including naming the entire inventive entity, must accompany this form, in form for each additional inventor.			

Title of Invention Identifying a Driver of a Vehicle
This declaration is directed to:
X 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. 15/076,360 , Filing Date March 21, 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 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: Zachary David Nelson Date:
Signature: 3/21/2016
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.

Title of Invention	<ul> <li>Identifying a Driver of a Vehic</li> </ul>	le:	
This declaration is dire	cted to:		sassassassas (Military)
X The Unit	attached application, or ed States application or PCT international app filed on	plication number	
The above-identified a	pplication was made or authorized to be made	by me.	
I hereby state that I had including the claims.	ive reviewed and understand the contents of	the specification in the above-identified	application.
I believe that I am the	original inventor or an original joint inventor o	of a claimed invention in the application.	
for continuation-in-par	to disclose information which is material to t applications, material information which be ional or PCT international filing date of the co	ecame available between the filing date	6, including of the prior
FORD GLOBAL TEC laws of the State of I Michigan, hereinafter r title and interest, dorr including the right of receive Letters Patent organizations, in its or ASSIGNEE or ASSIGNEE or ASSIGNEE or ASSIGNET patent herein: hereby sell, assign and priority, including any and intergovernmental continuations-in-part, of And I hereby agree for including applications	ment agreement heretofore made or by control HNOLOGIES, LLC, a Ford Motor Company Delaware, having its principal place of busing eferred to as the ASSIGNEE, its successors, a sestic and foreign, in and to the inventions he ASSIGNEE, its successors, assigns or other for the inventions and discoveries in any their own name or names, or in my name, NEE's attorney to insert the serial/application Serial No. 15/076,360  I set over to the ASSIGNEE, its successors, provisional applications, in and to the invention organizations including all applications clair livisionals, reexaminations and reissue applications that the provisionals is a successors, assigns or other for Letters Patent of any and all kinds and in	y subsidiary, organized and existing by a iness at Dearborn, County of Wayne, a assigns or other legal representatives, the s and discoveries in the above-identifies her legal representatives to make applicate and all countries, entities and interger, at its or their election (and I hereby a number and filing date of the application Filing Date March 21, 2016, assigns or other legal representatives, ions and discoveries in any and all countring benefit of the filing date hereof, countries and interger any and all countries, entities and interger any and all countries, entities and interger any and all countries, entities and interger	virtue of the und State of entire right, and invention tions and to overnmental uthorize the m to receive, and I all rights of ries, entities ontinuations, d all papers, overnmental
organizations, and to po may deem necessary to	erform any and all acts which the ASSIGNEE secure thereto the rights herein sold, assigned	; its successors, assigns or other legal rep d and set over.	resentatives
And I hereby represent	and warrant that I have not granted any rights	s inconsistent with the rights granted here	in.
I hereby acknowledge fine or imprisonment o	that any willful false statement made in this f not more than five (5) years or both.	declaration is punishable under 18 U.S	.C. 1001 by
LEGAL NAME OF IN Inventor: <u>Tory Si</u>		. Date: $3/15/2.016$	\$
Signature:	1/2		
	a Sheet (PTO/SB/14 or equivalent), including nan- ion form for each additional inventor.	ning the entire inventive entity, must accompa	my this form.

Attorney Docket Number	83632678	(FGTL-06600)

Title of Inventi	08	Identifying a Driver of a Vehicle		
This declaration is directed to:				
	The attached application, or United States application or PCT international application number filed on			
The above-identif	ied app	plication 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.  15/076.360  Filing Date  March 21, 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 INV	/ENTOR		
		Halder Date: 15 May 2016		
Signature: 📈	14	falder		
		ta Sheet (PTO/SB/14 or equivalent), including naming the entire inventive entity, must accompany this form.		

Title of Invention Identifying a Driver of a Vehicle
This declaration is directed to:
X 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 onto 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. 15/076,360 , Filing Date March 21, 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 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: Kyu Jeong Han  Date: 3//6/20/6
Signature:
Note: An Application Data Sheet (\$2078B/14 or equivalent), including naming the entire inventive entity, must accompany this form. Use an additional declaration form for each additional inventor.

PATENT REEL: 038055 FRAME: 0355

**RECORDED: 03/21/2016**