# 504465923 07/20/2017

## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT4512625

SUBMISSION TYPE:		NEW ASSIGNMENT					
NATURE OF CONVEYANCE:		ASSIGNMENT					
CONVEYING PARTY DA	ΑΤΑ						
		Name	Execution Date				
THOMAS EDWARD PIL	UTTI		12/16/2016				
SHANE ELWART			01/06/2016				
AARON L. MILLS			12/12/2016				
JOHN SHUTKO			12/13/2016				
RECEIVING PARTY DA	ТА						
Name:		GLOBAL TECHNOLOGIES, LLC					
Street Address:		800, 330 TOWN CENTER DRIVE					
City:		DEARBORN					
State/Country:		MICHIGAN					
Postal Code:	48126						
PROPERTY NUMBERS	Total: 1	Number	_				
Property Type		Number	_				
Application Number:		15400917					
CORRESPONDENCE D	ΑΤΑ						
Fax Number:		(312)980-0728					
		the e-mail address first; if that is u					
using a fax number, if p Phone:		l; if that is unsuccessful, it will be s	ent via US Mail.				
Email:	312-269-8000 marden@ngelaw.com, patents@ngelaw.com						
Correspondent Name:	JAMES P. MURAFF						
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Address Line 2:		ATTN: PATENT ADMINISTRATOR					
Address Line 4:		CHICAGO, ILLINOIS 60602					
ATTORNEY DOCKET NUMBER:		83741756 (026780.8542)					
NAME OF SUBMITTER:		JAMES P. MURAFF	JAMES P. MURAFF				
SIGNATURE:		/JAMES P. MURAFF/	/JAMES P. MURAFF/				
DATE SIGNED:		07/20/2017					
Total Attachments: 4							
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source=DeclarationMills#p	page1.tif						

source=DeclarationPilutti#page1.tif source=DeclarationShutko#page1.tif

# 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 DRIVER INTERACTIVE SYSTEM FOR SEMI-AUTONOMOUS MODES OF A VEHICLE
This declaration is directed 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 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
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: Shane Elwart Date: 4-Jon-date
Signature:
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.

PATENT REEL: 043054 FRAME: 0403

#### 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	DRIVER	<b>INTERACTIVE</b>	SYSTEM	FOR	SEMI-AUTONOMOUS	MODES
	OF A V	EHICLE				

This declaration is directed to:

=

The attached application, or

United States application or PCT international application number

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I believe that I am the original inventor or an original joint inventor of a claimed invention in the application.

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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. \_\_\_\_\_\_\_\_, Filing Date \_\_\_\_\_\_\_\_\_, and I hereby sell, assign and set over to the applications in and to the legal representatives, all rights of priority, including any provisional applications in and to the inventions and all countries, and all countries and intergovernmental organizations.

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		b-6-10
Inventor: Aaron LAMILE	Date:	10-10-16
Signature:		
Note: AprApplication Data Sheet (PTO/SB/14 or equivalent), including naming t	the entire inver	tive entity, must accompany this form.
Use an additional declaration form for each additional inventor.		

PATENT REEL: 043054 FRAME: 0404

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The above-identified app	lication was made or authorized to be made by me.
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i communion-in-part appl	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 all or PCT international filing date of the continuation-in-part application.
of the State of Delaware hereinafter referred to as interest, domestic and for of the ASSIGNEE, its su- for the inventions and dis name or names, or in my insert the serial/application ASSIGNEE, its successed applications, in and to the	hent 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, 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 eign, in and to the inventions and discoveries in the above-identified invention including the right ccessors, assigns or other legal representatives to make applications and to receive Letters Patent coveries in any and all countries, entities 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 ion number and filing date of the application to receive Letters Patent herein: Serial No
organizations, and to perf	hyself, my heirs, successors, assigns or other legal representatives to execute any and all papers, Letters Patent of any and all kinds and in any and all countries, entities and intergovernmental orm any and all acts which the ASSIGNEE, its successors, assigns or other legal representatives cure thereto the rights herein sold, assigned and set over.
And I hereby represent an	d warrant that I have not granted any rights inconsistent with the rights granted herein.
or unprisonment of not mo	t 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 INVE Inventor:	Iward Bilutti Date: DFC 16,706
Signature:	Slaght Margare
Note: An Application Data Use an additional declaration	Sheet (PTO/SB/14 or equivalent), including naming the entire inventive entity, must accompany this form, form for each additional inventor.

PATENT REEL: 043054 FRAME: 0405

PATENT REEL: 043054 FRAME: 0406

#### 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	DRIVER INTERACTIVE SYSTEM FOR SEMI-AUTONOMOUS MODES OF A VEHICLE				
This declaration is direc	This declaration is directed to:				
Unite Unite	ttached application, or d States application or PCT international application number filed on (I hereby authorize the insertion of the application filing date and number into come known.)				
The above-identified ap	plication was made or authorized to be made by me.				
I hereby state that I hat including the claims.	we 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 GLOBAL TECH of the State of Delawa hereinafter referred to a interest, domestic and f of the ASSIGNEE, its a for the inventions and c name or names, or in m insert the serial/applic ASSIGNEE, its succe applications, in and to t	ment agreement heretofore made or by contractual obligation, I do sell, assign and set over unto fNOLOGIES, 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 oreign, 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 liscoveries in any and all countries, entities and intergovernmental organizations, in its or their own by 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. 				
including applications to provide the organizations, and to provide the organization of the organization o	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: John Sh					
Inventor: <u>John Sh</u> Signature: <u>John</u>	n Hatt				
	ta Sheet (PTO/SB/14 or equivalent), including naming the entire inventive entity, must accompany this form, ion form for each additional inventor.				

#### **RECORDED: 07/20/2017**