504452123 07/11/2017

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT4498824

		NEW ASSIGNM	ENT	
NATURE OF CONVEYANCE:		ASSIGNMENT		
CONVEYING PARTY	DATA			
		Name		Execution Date
MAHMOUD YOUSEF	GHANNAM			07/22/2016
SAIED NUSIER				07/22/2016
SWADAD A. CARREN	1M			07/22/2016
RECEIVING PARTY D	ΑΤΑ			
Name:	FORD G	LOBAL TECHNOLOG	GIES, LLC	
Street Address:	SUITE 8	SUITE 800, 330 TOWN CENTER DRIVE		
City:	DEARBO	RN		
State/Country:	MICHIG	AN		
Postal Code:	48126			
PROPERTY NUMBER Property Type		Numbe	r	7
Application Number:		5240953	•	_
CORRESPONDENCE	DATA			
CORRESPONDENCE Fax Number:		12)980-0728		
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Fax Number:	(be sent to f provided;	he e-mail address fi		
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Fax Number: <i>Correspondence will</i> <i>using a fax number, i</i> Phone: Email: Correspondent Name Address Line 1: Address Line 2: Address Line 4: ATTORNEY DOCKET I	(be sent to f provided; 3 n 5 5 7 7 7 7 7 7 7 7 7 7 7 7 7	<i>he e-mail address fi</i> <i>if that is unsuccess</i> 12-269-8000 arden@ngelaw.com, AMES P. MURAFF WO NORTH LASALL TTN: PATENT ADMII HICAGO, ILLINOIS 6 83687009 (0267	<i>ful, it will be se</i> patents@ngelav E STREET, SUI NISTRATOR 0602 80.8345) AFF	<i>nt via US Mail.</i> w.com
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Fax Number: <i>Correspondence will</i> <i>using a fax number, i</i> Phone: Email: Correspondent Name Address Line 1: Address Line 2: Address Line 2: Address Line 4: ATTORNEY DOCKET I NAME OF SUBMITTER SIGNATURE: DATE SIGNED: Total Attachments: 3 source=Carremm_Assigned	(be sent to f provided; 3 J	the e-mail address fir if that is unsuccess 12-269-8000 aarden@ngelaw.com, AMES P. MURAFF WO NORTH LASALL TTN: PATENT ADMIL HICAGO, ILLINOIS 6 83687009 (0267 JAMES P. MUR JAMES P. MUR 07/11/2017	<i>ful, it will be se</i> patents@ngelav E STREET, SUI NISTRATOR 0602 80.8345) AFF	<i>nt via US Mail.</i> w.com
Fax Number: <i>Correspondence will</i> <i>using a fax number, i</i> Phone: Email: Correspondent Name Address Line 1: Address Line 2: Address Line 4: ATTORNEY DOCKET I NAME OF SUBMITTER SIGNATURE: DATE SIGNED: Total Attachments: 3	(be sent to f provided; 3 n 3 5 5 5 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7	the e-mail address fill if that is unsuccess 12-269-8000 arden@ngelaw.com, AMES P. MURAFF WO NORTH LASALL TTN: PATENT ADMII HICAGO, ILLINOIS 6 83687009 (0267 JAMES P. MUR JAMES P. MUR 07/11/2017 tration#page1.tif	<i>ful, it will be se</i> patents@ngelav E STREET, SUI NISTRATOR 0602 80.8345) AFF	<i>nt via US Mail.</i> w.com

Attorney Docket Number 83687009 (026780.8345)

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	SENSOR COVER			
This declaration is directed to:				
United	tached application, or States application or PCT international application number filed on, (I hereby authorize the insertion of the application filing date and then they become known.)			
The above-identified app	lication 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 or	ginal 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				
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 Inventor: Swadad A	ENTOR A. Carremm Date: 22/07/2016			
Signature:	valael se			
Note: An Application Dat	a Sheet (PTO/SB/14 or equivalent), including naming the entire inventive entity, must accompany this form. m form for each additional inventor.			

PATENT REEL: 042979 FRAME: 0218

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	SENSOR COVER		
This declaration is direct	ed to:		
	tached application, or I States application or PCT international application number filed on (I hereby authorize the insertion of the application filing date and hen they become known.)		
The above-identified app	dication was made or authorized to be made by me.		
I hereby state that I had 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 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 Delawar 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/applica ASSIGNEE, its success applications, in and to th	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, s 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, 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 tion number and filing date of the application to receive Letters Patent herein: Serial No		
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			
Inventor: <u>Saied Nus</u>	$\frac{1}{\sqrt{1-72-7016}}$ Date: $\frac{57-72-7016}{1-72-7016}$		
Signature: Sand' N			
Note: An Application Data Use an additional declaratio	Sheet (PTO/SB/14 or equivalent), including naming the entire inventive entity, must accompany this form, n form for each additional inventor.		

PATENT REEL: 042979 FRAME: 0219

Attorney Docket Number 83687009 (026780.8345)

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	SENSOR COVER			
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	lication 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, the entire right 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				
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				
Inventor: <u>Mahmou</u>	t Yousef Ghannam Date: 7/22//6			
Signature:				
	a Sheet (PTO/SB/14 or equivalent), including naming the entire inventive entity, must accompany this form, an form for each additional inventor.			

PATENT REEL: 042979 FRAME: 0220

RECORDED: 07/11/2017