### 504298494 03/30/2017

## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
Stylesheet Version v1.2

 SUBMISSION TYPE:
 NEW ASSIGNMENT

 NATURE OF CONVEYANCE:
 ASSIGNMENT

#### **CONVEYING PARTY DATA**

Name	Execution Date
HOWARD E. CHURCHWELL II	03/29/2017
JOHN W. JENSEN	03/29/2017
MAHMOUD YOUSEF GHANNAM	03/28/2017

### **RECEIVING PARTY DATA**

Name:	FORD GLOBAL TECHNOLOGIES, LLC
Street Address:	330 TOWN CENTER DRIVE
Internal Address:	SUITE 800
City:	DEARBORN
State/Country:	MICHIGAN
Postal Code:	48126

#### **PROPERTY NUMBERS Total: 1**

Property Type	Number
Application Number:	15474220

### **CORRESPONDENCE DATA**

**Fax Number:** (859)252-0779

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:** 859-252-0889

Email: ks-ford@iplaw1.net

Correspondent Name: FORD GLOBAL TECHNOLOGIES, LLC/ KING & SC

Address Line 1: 800 CORPORATE DRIVE, SUITE 200
Address Line 4: LEXINGTON, KENTUCKY 40503

ATTORNEY DOCKET NUMBER:	83770050
NAME OF SUBMITTER:	PATRICK M. TORRE
SIGNATURE:	/Patrick M. Torre/
DATE SIGNED:	03/30/2017
	This document serves as an Oath/Declaration (37 CFR 1.63).

**Total Attachments: 3** 

source=Assignments-802#page1.tif

PATENT REEL: 041798 FRAME: 0453

EPAS ID: PAT4345175

504298494

source=Assignments-802#page2.tif source=Assignments-802#page3.tif

> PATENT REEL: 041798 FRAME: 0454

	##AV##################################
Attorney Docket Number	83770050

# 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	FOUR-QUADRANT PROTECTIVE DENT SHIELD SYSTEM
This declaration is direct	ed to:
	sached 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.	e 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 lications, material information which became available between the filing date of the prior tall or PCT international filing date of the continuation-in-part application.
FORD GLOBAL TECH 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/applicat 15/474,220 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 is, 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 acoveries 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.  ———————————————————————————————————
including applications fo organizations, and to per	nyself, my heirs, successors, assigns or other legal representatives to execute any and all papers, it 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 coure thereto the rights herein sold, assigned and set over.
And I hereby represent ar	d warrant that I have not granted any rights inconsistent with the rights granted herein.
or imprisonment of not m	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 INVI	ENTOR Churchwell II Date: 3-29-/7
Signature: 46-2	ral Elical A
1	
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: 041798 FRAME: 0455

Attorney Docket Number	83770050

# 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	FOUR-QUADRANT PROTECTIVE DENT SHIELD SYSTEM
This declaration is direct	ed to:
United	stached application, or States application or PCT international application number filed on (I hereby authorize the insertion of the application filing date and they become known.)
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 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 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 Delaware hereinafter referred to as interest, domestic and fo of the ASSIGNEE, its suffor the inventions and diname or names, or in my insert the serial/applica 15/474,220  ASSIGNEE, its success applications, in and to the including all application reexaminations and reiss.  And I hereby agree for the state of the state o	myself, my heirs, successors, assigns or other legal representatives to execute any and all papers,
organizations, and to per	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 a	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	ENTOR 2 / 1
Inventor: John W.3	Date: 3/24/17
Signature: //e/	W. Har
	a Sheet (PTO/SB/14 or equivalent), including naming the entire inventive entity, must accompany this form.

PATENT

1 retorized respector restribes	83770050

## 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	FOUR-QUADRANT PROTECTIVE DENT SHIELD SYSTEM
This declaration is direct	ed to:
I Inited	Isothed application, or  I 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 or	iginal 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 lications, material information which became available between the filing date of the prior nai 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 store the inventions and diname or names, or in my insert the serial/applica  15/474,220  ASSIGNEE, its success applications, in and to the including all application reexaminations and reiss  And I hereby agree for	ment 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, as 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 mame, at its or their election (and I hereby authorize the ASSIGNEE or ASSIGNEE's attorney to thou number and filing date of the application to receive Letters Patent herein: Serial No.  Filing Date March 30, 2017 ), and I hereby sell, assign and set over to the sors, assigns or other legal representatives, all rights of priority, including any provisional 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, we applications.  In the patent of any and all kinds and in any and all countries, entities and intergovernmental organizations are Letters Patent of any and all kinds and in any and all countries, entities and intergovernmental organizations.
organizations; and to per	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.
or imprisonment of not n	at any willful false statement made in this declaration is punishable under 18 U.S.C. 1001 by fine nore than five (5) years or both.
LEGAL NAME OF INV Inventor: Mahmous	ENTOR. I Yousef Ghannam Date: 3/28/17
Signature:	We-
	OLD OTOKONO SERVICE AND ADDRESS OF SERVICE AN
	a Sheet (PTO/SB/14 or equivalent), including naming the entire inventive entity, must accompany this form, in form for each additional inventor

PATENT REEL: 041798 FRAME: 0457

RECORDED: 03/30/2017