#### 504176480 01/12/2017

### PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT4223158

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

#### **CONVEYING PARTY DATA**

Name	Execution Date
MOHAMED ELSHAER	12/22/2016
CHINGCHI CHEN	12/22/2016
MARK J. FERREL	12/19/2016
JOHN PAUL GIBEAU	01/09/2017

#### **RECEIVING PARTY DATA**

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

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

Property Type	Number	
Application Number:	15404853	

#### **CORRESPONDENCE DATA**

**Fax Number:** (248)358-3351

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:** 248-358-4400

**Email:** skaiser@brookskushman.com **Correspondent Name:** BROOKS KUSHMAN P.C./FGTL

Address Line 1: 1000 TOWN CENTER

Address Line 2: 22ND FLOOR

Address Line 4: SOUTHFIELD, MICHIGAN 48075-1238

ATTORNEY DOCKET NUMBER:	83706019
NAME OF SUBMITTER:	IRINA SULLIVAN
SIGNATURE:	/Irina Sullivan/
DATE SIGNED:	01/12/2017
	•

**Total Attachments: 4** 



Attorney Docket Number	83706019

# 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	INTEGRATED WIRELESS POWER TRANSFER SYSTEM
This declaration is directed	ed to:
	ached application, or  States application or PCT international application number  filed on (I hereby authorize the insertion of the application filing date and en they become known.)
The above-identified appl	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 specification in the above-identified application,
I believe that I am the orig	ginal inventor or an original joint inventor of a claimed invention in the application.
continuation-in-part appl	disclose information which is material to patentability as defined in 37 C.F.R. 1.56, including for ications, material information which became available between the filing date of the prior al or PCT international filing date of the continuation-in-part application.
FORD GLOBAL TECHN of the State of Delaware hereinafter referred to as interest, domestic and for of the ASSIGNEE, its sur for the inventions and dis name or names, or in my insert the serial/applicati  15/404,853  ASSIGNEE, its successor applications, in and to the	tent 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 eccessors, 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.
including applications for 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 form 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 imprisonment of not me	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: Mohamed	10 / /- //
19	Elshaer Date: 12/22/2016
Signature:	· ·
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.

Please direct all correspondence to: 28395

Attorney Docket Number	83706019

### 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)

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FORD GLOBAL TECHN 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  15/404,853  ASSIGNEE, its success applications, in and to the including all application reexaminations and reissu  And I hereby agree for m	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, 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 ecessors, assigns or other legal representatives to make applications and to receive Letters Patent ecoveries 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 per	form any and all acts which the ASSIGNEE, its successors, assigns or other legal representatives occur 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 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	1-7 / / . 1
Signature:	the le
N	
Note: An Application Data	Sheet (PTO/SB/14 or equivalent), including naming the entire inventive entity, must accompany this form.

Attorney Docket Number	83706019

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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	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 and or PCT international filing date of the continuation-in-part application.	
FORD GLOBAL TECHT of the State of Delaward hereinafter referred to as interest, domestic and fo of the ASSIGNEE, its su for the inventions and di name or names, or in my insert the serial/applica  15/404.853  ASSIGNEE, its success applications, in and to th	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 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 recessors, 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.  —, Filing Date	
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 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	10 1100 1110	
Inventor: Mark J. F Signature:	ah Jul	
-		
	a Sheet (PTO/SB/14 or equivalent), including naming the entire inventive entity, must accompany this form, in form for each additional inventor.	

Attorney Docket Number	83706019	

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This declaration is directed to:	
X 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.  15/404,853  7. Filing Date  January 12, 2017  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	YENTOR U.S. I.S.
Inventor: John Paul Gibeau Date: 17 1	
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: 040966 FRAME: 0807

**RECORDED: 01/12/2017**