## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT3436974

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

#### **CONVEYING PARTY DATA**

Name	Execution Date
TOM XU	07/09/2015

### **RECEIVING PARTY DATA**

Name:	FORD GLOBAL TECHNOLOGIES, LLC	
Street Address:	s: 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:	14798528

#### **CORRESPONDENCE DATA**

Fax Number:

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:** 248-9746216

Email: JH1@DRHANGPLC.COM

Correspondent Name: LAW FIRM OF DR JUNQI HANG PLC

Address Line 1: 28175 HAGGERTY ROAD Address Line 4: NOVI, MICHIGAN 48377

ATTORNEY DOCKET NUMBER:	83553113/10031.2.US
NAME OF SUBMITTER:	JUNQI HANG
SIGNATURE:	/JUNQI HANG/
DATE SIGNED:	07/14/2015
	This document serves as an Oath/Declaration (37 CFR 1.63).

**Total Attachments: 1** 

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PATENT 503390349 REEL: 036097 FRAME: 0939

Attorney Docket Number	83553113/10031.2.US	

# ASSIGNMENT AND DECLARATION (37 C.F.R. 1.63) FOR UTILITY OR DESIGN APPLICATION USING AN APPLICATION DATA SHEET (37 C.F.R. 1.76)

The attached application, or United States application or PCT international application number filled on United States 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 filling date of the prior application and the national or PCT international filling date of the continuation-in-part application.  Parsuant to my employment agreement heretofore made or by contractual obligation, I do sell, assign and set over unite 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 Dearbory. Organized and existing by virtue of the laws of the State of Delaware, having its principal place of business at Dearbory. County of Wayne, and State of Michigan, hereinafter referred to as the ASSIGNEE, its successors, assigns or other legal representatives to easily emplications and to receive Letters Patent for the inventions and discoveries in any and all countries, entities and intergovernmental organizations, in its or their election (and I hereby authorize the ASSIGNEE or ASSIGNEE is atomety to insert the serial/application number and filing date of the application to receive Letters Patent herein: Serial No. Piling Date  ASSIGNEE, its successors, assigns or other legal representatives and intergovernmental organizations, in and to the inventions and discoveries in any and all countries, entities and intergovernmental organizations, in and to the inventions and discoveries in any and all countries, entities and intergovernmental organizat	This declaration	is directed to:
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 filling date of the prior application and the national or PCT international filling 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 aNSIGNEE, its successors, assigns or other legal representatives and interest 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 filling date of the application to receive Letters Paterth herein: Serial No.  Piling Date		United States application or PCT international application number
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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 election (and I hereby authorize the ASSIGNEE) 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, neckaminations 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	I hereby state ti including the cla	nat I have reviewed and understand the contents of the specification in the above-identified application lins.
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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 Thereby 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: TOM XU  Date: 2/5.7.9	FORD GLOBAL of the State of I hereinafter refer interest, domesti of the ASSIGNE for the invention name or names, insert the serial ASSIGNEE, its applications, in a including all ap	TECHNOLOGIES, LLC, a Ford Motor Company subsidiary, organized and existing by virtue of the laws Delaware, having its principal place of business at Dearborn, County of Wayne, and State of Michigan, red to as the ASSIGNEE, its successors, assigns or other legal representatives, the entire right, title and c and foreign, in and to the inventions and discoveries in the above-identified invention including the right iE, its successors, assigns or other legal representatives to make applications and to receive Letters Patent s and discoveries in any and all countries, entities and intergovernmental organizations, in its or their own or in my name, at its or their election (and I hereby authorize the ASSIGNEE or ASSIGNEE's attorney to 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 successors, assigns or other legal representatives, all rights of priority, including any provisional and to the inventions and discoveries in any and all countries, entities and intergovernmental organizations plications claiming benefit of the filing date hereof, continuations, continuations-in-part, divisionals.
Thereby 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:	including applica organizations, ar	ations for Letters Patent of any and all kinds and in any and all countries, entities and intergovernmental and to perform any and all acts which the ASSIGNEE, its successors, assigns or other legal representatives
Inventor: TOM XU Date: 20/5.7.9	And Thereby rep	resent and warrant that I have not granted any rights inconsistent with the rights granted herein.
Inventor: TOM XU Date: 2/5.7.9	or imprisonment	of not more than five (5) years or both.
		OF INVENTOR OM XII  Date: 20/t 7.9
A CONTRACTOR OF THE PROPERTY O	Signature:	

PATENT REEL: 036097 FRAME: 0940

RECORDED: 07/14/2015