### 504536798 09/07/2017

## PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE: NEW ASSIGNMENT

NATURE OF CONVEYANCE: ASSIGNMENT

EPAS ID: PAT4583505

#### **CONVEYING PARTY DATA**

Name	Execution Date
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#### **PROPERTY NUMBERS Total: 1**

Property Type	Number
Application Number:	15697870

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NAME OF SUBMITTER:	XIAOLEI B. ZHANG
SIGNATURE:	/Xiaolei B. Zhang/
DATE SIGNED:	09/07/2017
	This document serves as an Oath/Declaration (37 CFR 1.63).

**Total Attachments: 2** 

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> PATENT REEL: 043522 FRAME: 0893

Attorney Docket Number	83787384

# 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	HITCH ASSIST IDENTIFICATION	SYSTEM	FEATURING	TRAILER	LOCATION
This declaration is direct	ed to:				
United	tached application, or  States application or PCT if filed on nen they become known.)		plication number athorize the insertion	of the application	on filing date and
The above-identified app	lication was made or author	rized to be made	by me.		
I hereby state that I havincluding the claims.	ve reviewed and understand	d the contents of	of the specification in	n the above-iden	tified application,
I believe that I am the or	iginal inventor or an origina	l joint inventor	of a claimed inventior	n in the application	on.
continuation-in-part app	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.					
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				9/6/17	
Inventor: Yi Zhang	× .		Date:	<u> </u>	
Signature: 71	2hawy				
	a Sheet (PTO/SB/14 or equiva		aming the entire inventi	ive entity, must ac	company this form.

PATENT REEL: 043522 FRAME: 0894

Against TN 1 (AN)	0030000	
Attorney Docket Number	83787384	
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# 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	HITCH ASSIST		FEATURING	TRAILER	LOCATION
This declaration is direct					
	tached application, or States application or I filed on	(I hereby a	plication number uthorize the insertion	of the application	on filing date and
The High total WI	ien they accome know	<i>,</i>			
The above-identified app	lication was made or a	uthorized to be made	by me.		
I hereby state that I have including the claims.	e reviewed and under	stand the contents of	of the specification in	1 the above-iden	tified application,
I believe that I am the ori	ginal inventor or an or	iginal joint inventor	of a claimed inventior	ı in the application	oń.
I am aware of the duty to continuation-in-part app application and the nation	lications, material int	ormation which be	came available betw	een the filing i	.56, including for date of the prior
Pursuant to my employn FORD GLOBAL TECHN of the State of Delaware hereinafter referred to as interest, domestic and for of the ASSIGNEE, its sufor the inventions and disname or names, or in my insert the serial/applicat ASSIGNEE, its success applications, in and to the	NOLOGIES, LLC, a Fig. having its principal the ASSIGNEE, its reign, in and to the invocessors, assigns or of acoveries in any and all name, at its or their elion number and filing, Filing Date ors, assigns or other elinventions and disco	place of business a successors, assigns of entions and discover their legal representation (and I hereby date of the appopulation in any and all	subsidiary, organized to Dearborn, County of the legal represeries in the above-identitives to make application dintergovernmenta authorize the ASSIG lication to receive I), and I hereties, all rights of pricountries entities and	I and existing by of Wayne, and S neatives, the entitions and to recel organizations, is seen as Patent here is sell, assign are iority, including the interproperture.	virtue of the laws tate of Michigan, ire right, title and neluding the right ive Letters Patent in its or their own NEE's attorney to erein: Serial No. id set over to the any provisional
including all application reexaminations and reissu	s claiming benefit of	the filing date he	reof, continuations,	continuations-in-	part, divisionals,
And I hereby agree for n including applications for organizations, and to per- may deem necessary to se	r Letters Patent of any form any and all acts	and all kinds and in which the ASSIGNE	n any and all countri E. its successors, ass	es, entities and i	ntergovernmental
And I hereby represent an	d warrant that I have r	ot granted any rights	inconsistent with the	rights granted h	erein.
I hereby acknowledge that or imprisonment of not m	ore than five (5) years	ement made in this or both.	declaration is punisha	ble under 18 U.S	S.C. 1001 by fine
LEGAL NAME OF INVI Inventor: <u>Erick Mic</u>	ENTOR hael Lavoie	·	Date;	916/2	017
Signature: Cerif	Smilne	Lavi	· 	-	ſ
Note: An Application Data Use an additional declaration	Sheet (PTO/SB/14 or ea form for each additiona	uivalent), including n	uning the entire inventi	ve entity, must acc	company this form.

**PATENT** RECORDED: 09/07/2017 REEL: 043522 FRAME: 0895