## PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

#### **CONVEYING PARTY DATA**

Name	Execution Date
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ERICK MICHAEL LAVOIE	10/27/2015

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

Property Type	Number
Application Number:	14924851

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NAME OF SUBMITTER:	XIAOLEI B. ZHANG
SIGNATURE:	/Xiaolei B. Zhang/
DATE SIGNED:	10/28/2015
	This document serves as an Oath/Declaration (37 CFR 1.63).

**Total Attachments: 2** source=1A64402#page1.tif source=1A64402#page2.tif

> **PATENT** 503543089

**REEL: 036985 FRAME: 0679** 

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Attorney Docket Number	83526473	

# 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 Inven	ion TRAILER BACKUP ASSIST SYSTEM WITH TARGET MANAGEMENT
This declaration	is directed to:
	The attached application, or United States application or PCT international application number filed on
The above-iden	ited application was made or authorized to be made by me.
I hereby state t including the cl	at I have reviewed and understand the contents of the specification in the above-identified application ims.
I believe that I a	n the original inventor or an original joint inventor of a claimed invention in the application.
continuation-in-	e duty to disclose information which is material to patentability as defined in 37 C.F.R. 1.56, including fo part applications, material information which became available between the filing date of the prio the national or PCT international filing date of the continuation-in-part application.
FORD GLOBA of the State of hereinafter referenterest, domest of the ASSIGN for the invention name or names, insert the serial ASSIGNEE, its applications, in including all a	employment agreement heretofore made or by contractual obligation, I do sell, assign and set over unto TECHNOLOGIES, LLC, a Ford Motor Company subsidiary, organized and existing by virtue of the law 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 control of and to the inventions and discoveries in the above-identified invention including the right. It is successors, assigns or other legal representatives to make applications and to receive Letters Paten as 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 provisional in 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 and reissue applications.
including applic organizations, a	ree for myself, my heirs, successors, assigns or other legal representatives to execute any and all papers ations for Letters Patent of any and all kinds and in any and all countries, entities and intergovernmentated to perform any and all acts which the ASSIGNEE, its successors, assigns or other legal representatives sary to secure thereto the rights herein sold, assigned and set over.
And I hereby re	resent and warrant that I have not granted any rights inconsistent with the rights granted herein.
or imprisonmen	ledge that any willful false statement made in this declaration is punishable under 18 U.S.C. 1001 by fine of not more than five (5) years or both.
	OF INVENTOR
Inventor:	father Gimein Date: 6/29/15
Signature:	The lay
Note: An Applic	tion Data Sheet (ETO/SB/14 or equivalent), including naming the entire inventive entity, must accompany this form leclaration form for each additional inventor.

PATENT REEL: 036985 FRAME: 0680

**RECORDED: 10/28/2015** 

Attorney Docket Number	83.526473

# 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	TRAILER BACKUP ASSIST SYSTEM WITH TARGET MANAGEMENT
This declaration is direc	led to:
Unite	ttached application, or d States application or PCT international application number filed on
The above-identified ap	plication 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 o	riginal 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 patentiability 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 to organizations, and to pe	myself, my heirs, successors, assigns or other legal representatives to execute any and all papers, for Letters Patent of any and all kinds and in any and all countries, entities and intergovernmental prform any and all acts which the ASSIGNEE, its successors, assigns or other legal representatives 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 IN	VENTOR (A) / m / m / m / m / m / m / m / m / m /
Inventor: <u>Erick M</u>	ichael Lavoic Daic: ///// SUC
Signature: Salacada	Warmay Tarra
	ia Sheet (PTC/SB/14 or equivalent), including naming the entire inventive entity, must accompany this form, on form for each additional inventor.

PATENT REEL: 036985 FRAME: 0681