PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2

EPAS ID: PAT5009164

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
JIYAO WANG	06/05/2018
WEI XU	06/05/2018
SILONG LI	06/05/2018

RECEIVING PARTY DATA

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

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	16009666

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: 2482262888

Email: hgreenwell@brookskushman.com

HEATHER GREENWELL Correspondent Name: Address Line 1: 1000 TOWN CENTER

Address Line 2: 22ND FLOOR

Address Line 4: SOUTHFIELD, MICHIGAN 48075

ATTORNEY DOCKET NUMBER: 84008664 (FMC8857PUS)		
NAME OF SUBMITTER:	BMITTER: HEATHER GREENWELL	
SIGNATURE:	/Heather Greenwell/	
DATE SIGNED: 06/15/2018		
This document serves as an Oath/Declaration (37 CFR 1.63).		

Total Attachments: 3

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source=Assignments (Declarations)#page3.tif

Title of Invention

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Attorney Docket Number	84008664	į
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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)

VIRTUAL RESISTANCE GATE DRIVER

This declaration is	directed to:
[X] L 1 <u>6</u>	The attached application, or United States application or PCT international application number 5/009.666 filed on June 15, 2018 (I hereby authorize the insertion of the application filing date and rm when they become known.)
The above-identifie	d application was made or authorized to be made by me.
	·
I hereby state that including the claims	I have reviewed and understand the contents of the specification in the above-identified application, s.
I believe that I am t	he original inventor or an original joint inventor of a claimed invention in the application.
continuation-in-part	luty to disclose information which is material to patentability as defined in 37 C.F.R. 1.56, including for tapplications, material information which became available between the filing date of the prior national or PCT international filing date of the continuation-in-part application.
FORD GLOBAL T of the State of Del hereinafter referred interest, domestic a of the ASSIGNEE, for the inventions a name or names, or insert the serial/ap 16/009,666 ASSIGNEE, its st applications, in and including all applireexaminations and	ployment agreement heretofore made or by contractual obligation, I do sell, assign and set over unto ECHNOLOGIES, LLC, a Ford Motor Company subsidiary, organized and existing by virtue of the laws aware, having its principal place of business at Dearborn, County of Wayne, and State of Michigan, to as the ASSIGNEE, its successors, assigns or other legal representatives, the entire right, title and not foreign, in and to the inventions and discoveries in the above-identified invention including the right its successors, assigns or other legal representatives to make applications and to receive Letters Patent and discoveries in any and all countries, entities and intergovernmental organizations, in its or their own 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. ———————————————————————————————————
including application organizations, and t	for myself, my heirs, successors, assigns or other legal representatives to execute any and all papers, one for Letters Patent of any and all kinds and in any and all countries, entities and intergovernmental to perform any and all acts which the ASSIGNEE, its successors, assigns or other legal representatives by to secure thereto the rights herein sold, assigned and set over.
And I hereby repres	ent and warrant that I have not granted any rights inconsistent with the rights granted herein.
or imprisonment of	ge that any willful false statement made in this declaration is punishable under 18 U.S.C. 1001 by fine not more than five (5) years or both.
LEGAL NAME OF Inventor: Jiyaa	o f f → f → (0 1
Signature:	many Date: 06/05/2018
Note: An Application	n Data Sheet (PTO/SB/14 or equivalent), including naming the entire inventive entity, must accompany this form.
Use an additional decl	laration form for each additional inventor.

Please direct all correspondence to: 28395

Title of Invention

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Attorney Docket Number	84008664

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)

VIRTUAL RESISTANCE GATE DRIVER

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This declaration is directed to:
X The attached application, or
United States application or PCT international application number
16/009,666 filed on June 15, 2018. (I hereby authorize the insertion of the application filing date and
number into this form when they become known.)
and the state of t
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,
nerginatter 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 Additives, 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 countries.
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.
16/009,666 Filing Date June 15, 2016) and f hereby call paging and cat over to the
resolved, as abovelous, assigns of once regal representatives, an insule of primarity premiums and presentance in
applications, in and to the inventions and discoveries in any and all countries, entities and intercovernmental arganizations.
increasing an applications claiming benefit of the filing date hereof, continuations, continuations-in-part divisionals.
reexaminations and reissue applications.
ALIXIL TO SO NO SE
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.
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: Wei Xu-2 Date: Jun of 2018
3/121-110
Signature: APAPO
Note: An Application Data Sheet (PTO/SB/14 or equivalent), including naming the entire inventive entity, must accompany this form.
Jse an additional declaration form for each additional inventor.

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Attorney Docket Number	84008664

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	VIRTUAL RESISTANCE GATE DRIVER	

This declaration is directed	ed to:	
	tached application, or	
	States application or PCT international application number	
number into this form wh	666 filed on June 15, 2018 (I hereby authorize the insertion of the application filing date and ten they become known.)	
The above-identified app	lication was made or authorized to be made by me.	
I hereby state that I hav 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 appl	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 hal 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. 16/009,666 Filing Date June 15, 2018 , and I hereby sell, 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, 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.		
or imprisonment of not me	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 INVE	$\sim 1.5 \sim 1.0$	
Inventor: Silong Li	Date: 06/8 / 20/8	
Signature:	m,	
Note: An Application Data Use an additional declaration	Sheet (PTO/SB/14 or equivalent), including naming the entire inventive entity, must accompany this form. In form for each additional inventor.	

PATENT REEL: 046100 FRAME: 0397

RECORDED: 06/15/2018