PATENT ASSIGNMENT

Electronic Version v1.1 Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
Alex O'Connor Gibson	02/19/2013
David Oshinsky	01/07/2013
James William Loch McCallum	01/18/2013
Adam Nathan Banker	01/22/2013
Felix Nedorezov	02/04/2013

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:	13776331

CORRESPONDENCE DATA

Fax Number: 5034594142

Correspondence will be sent via US Mail when the fax attempt is unsuccessful.

503-459-4141 Phone: Email: filley@ahmrt.com

Correspondent Name: Alleman Hall McCoy Russell & Tuttle LLP

Address Line 1: 806 SW Broadway, Suite 600 Address Line 4: Portland, OREGON 97205

ATTORNEY DOCKET NUMBER:	83242784
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NAME OF SUBMITTER: Samantha Filley

PATENT

REEL: 030153 FRAME: 0770

502299323

Signature:	/Samantha Filley/
Date:	04/04/2013
Total Attachments: 5 source=ExecutedAssignment_83242784#pa source=ExecutedAssignment_83242784#pa source=ExecutedAssignment_83242784#pa source=ExecutedAssignment_83242784#pa source=ExecutedAssignment_83242784#pa	age2.tif age3.tif age4.tif

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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)

Title of Invention	METHODS AND SYSTEMS FOR HOLDING A VEHICLE STOPPED ON A HILL
This declaration is direc-	
United	ttached application, or d States application or PCT international application number filed on
The above-identified app	plication was made or authorized to be made by me.
I hereby state that I har including the claims.	ve reviewed and understand the contents of the specification in the above-identified application,
I believe that I am the or	riginal 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 oblications, material information which became available between the filing date of the prior mal or PCT international filing date of the continuation-in-part application.
FORD GLOBAL TECH of the State of Delawar hereinafter referred to a interest, domestic and for of the ASSIGNEE, its state for the inventions and diname or names, or in my insert the serial/applica 13/776,331 ASSIGNEE, its success applications, in and to the	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 oreign, in and to the inventions and discoveries in the above-identified invention including the right successors, assigns or other legal representatives to make applications and to receive Letters Patent iscoveries in any and all countries, entities and intergovernmental organizations, in its or their own y name, at its or their election (and I hereby authorize the ASSIGNEE or ASSIGNEE's attorney to attoin number and filing date of the application to receive Letters Patent herein: Serial No, Filing Date February 25, 2013_), and I hereby sell, assign and set over to the sors, assigns or other legal representatives, ail rights of priority, including any provisional to inventions and discoveries in any and all countries, entities and intergovernmental organizations are claiming benefit of the filing date hereof, continuations, continuations-in-part, divisionals, the applications.
including applications for organizations, and to per	myself, my heirs, successors, assigns or other legal representatives to execute any and all papers, or Letters Patent of any and all kinds and in any and all countries, entities and intergovernmental rform 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 a	nd warrant that I have not granted any rights inconsistent with the rights granted herein.
or imprisonment of not n	nat any willful false statement made in this declaration is punishable under 18 U.S.C. 1001 by fine more than five (5) years or both.
LEGAL NAME OF INV	
Inventor: Alex O'C	Connor Gibson Date: 6/17/6000
Signature:	
Note: An Application Date	a Sheet (PTO/SB/14 or equivalent), including naming the entire inventive entity, must accompany this form.
Use an additional declaration	on form for each additional inventor

Use an additional declaration form for each additional inventor.

Attorney Docket Number	83242784

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)

Title of Invention METHODS AND SYSTEMS FOR HOLDING A VEHICLE STOPPED ON A HILL
This declaration is directed to:
The attached application, or United States application or PCT international application number filed on
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. 13/776,331, Filing Date February 25,2013), 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.
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: David Oshinsky Date: 1/7/13 Signature: David A. Oshinsky
Note: An Application Data Sheet (PTO/SB/14 or equivalent), including naming the entire inventive entity, must accompany this form

Attorney Docket Number	83242784	

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FORD GLOBAL TECH of the State of Delawar hereinafter referred to a interest, domestic and for the ASSIGNEE, its sfor the inventions and domain or names, or in minsert the serial/applications the serial/applications, in and to the including all application reexaminations and reise. And I hereby agree for including applications in	ment agreement heretofore made or by contractual obligation, I do sell, assign and set over unto INOLOGIES, LLC, a Ford Motor Company subsidiary, organized and existing by virtue of the laws re, having its principal place of business at Dearborn, County of Wayne, and State of Michigan, as the ASSIGNEE, its successors, assigns or other legal representatives, the entire right, title and oreign, in and to the inventions and discoveries in the above-identified invention including the right successors, assigns or other legal representatives to make applications and to receive Letters Patent discoveries in any and all countries, entities and intergovernmental organizations, in its or their own y name, at its or their election (and I hereby authorize the ASSIGNEE or ASSIGNEE's attorney to ation number and filing date of the application to receive Letters Patent herein: Serial No. ———————————————————————————————————
may deem necessary to	secure thereto the rights herein sold, assigned and set over. and warrant that I have not granted any rights inconsistent with the rights granted herein.
I hereby acknowledge to or imprisonment of not	hat any willful false statement made in this declaration is punishable under 18 U.S.C. 1001 by fine more than five (5) years or both.
LEGAL NAME OF INV Inventor: James W	VENTOR /illiam Lock McCallum Date: 18 Jak 2013
A SHARE THE A	W. L. A.
	ta Sheet (PTO/SB/14 or equivalent), including naming the entire inventive entity, must accompany this form.

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Attorney Docket Numbe	r 83242784	
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for DGLOBAL of the State of E hereinafter referrinterest, domestic of the ASSIGNE for the inventions name or names, consert the serial/13/776, 33 ASSIGNEE, its applications, in a including all appreexaminations at And I hereby agr	rmployment 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 laws belaware, having its principal place of business at Dearborn, County of Wayne, and State of Michigan, ed to as the ASSIGNEE, its successors, assigns or other legal representatives, the entire right, title and and foreign, in and to the inventions and discoveries in the above-identified invention including the right E, 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 application number and filing date of the application to receive Letters Patent herein; Serial No. [A Filing Date February 25,2013], 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 oblications claiming benefit of the filing date hereof, continuations, continuations-in-part, divisionals, and reissue applications. The provisional reference and all hinds and in any and all countries entities and intergovernmental organizations and reissue applications.				
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 acknowl or imprisonment	edge 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.				
LEGAL NAME	OF INVENTOR				
Inventor: A	dam Nathan Banker Date: //47/2015				
Signature:	leler Barker				
Note: An Applica	tion Data Sheet (PTO/SB/14 or equivalent), including naming the entire inventive entity, must accompany this form.				

Please direct all correspondence to customer number: 36865

RECORDED: 04/04/2013

Attorney Docket Number		

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)

Title of Inventi	I	METHODS AND SYSTEMS FOR HOLDING A VEHICLE STOPPED ON A HILL			
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The above-identif	fied appli	cation was made or authorized to be made by me.			
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including applica	ations for and to perf	syself, 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 rep	oresent 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					
Inventor: F	<u>elix Ne</u>	J01/220*			
Signature:	The state of the s	Ly Velozel			
Note: An Applica	ation Data	Sheet (PTO/SB/14 or equivalent), including naming the entire inventive entity, must accompany this form, a form for each additional inventor.			