#### 10/08/2015 503516311

### PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT3562937

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

#### **CONVEYING PARTY DATA**

Name	Execution Date
ALEXANDER O'CONNOR GIBSON	10/07/2015
MATTHEW JOHN SHELTON	08/27/2015
MICHAEL GLENN FODOR	08/27/2015
BRADLEY DEAN RIEDLE	10/08/2015
HONG JIANG	10/08/2015

#### 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:	14878979

### **CORRESPONDENCE DATA**

Fax Number: (503)459-4142

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.

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

**Correspondent Name:** ALLEMAN HALL MCCOY RUSSELL & TUTTLE, LLP

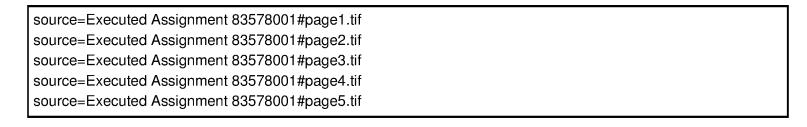
Address Line 1: 806 S.W. BROADWAY, SUITE 600 Address Line 4: PORTLAND, OREGON 97205

ATTORNEY DOCKET NUMBER:	83578001
NAME OF SUBMITTER:	JIBEK ENABNIT
SIGNATURE:	/Jibek Enabnit/
DATE SIGNED:	10/08/2015

**Total Attachments: 5** 

**PATENT REEL: 036761 FRAME: 0948** 

503516311



Title of Invention

Attorney Docket Number	83578001

### 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)

SYSTEMS AND METHODS FOR OPERATING A VEHICLE WITH A

MANUAL.	SHIFT TRANSMISSION		
This declaration is directed to:			
The attached application, or United States application or PCT international a			
The above-identified application was made or authorized to be ma	ide by me.		
I hereby state that I have reviewed and understand the content including the claims.	s of the specification in the above-identified application,		
I believe that I am the original inventor or an original joint inventor	or 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. 14/878,979 , Filing Date October 8,2015 ), 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 rig	thts 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: Alexander O'Connor Gibson	Date: 19/4/2015		
Signature:	Dan.		
Note: An Application Data Sheet (PTO/SB/14 or equivalent), including Use an additional declaration form for each additional inventor.	naming the entire inventive entity, must accompany this form.		

,	******
Attorney Docket Number	

### 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	SYSTEMS AND METHODS FOR OPERATING A VEHICLE WITH A MANUAL SHIFT TRANSMISSION	
This declaration is direct		
United	tached application, or  States application or PCT international application number  filed on	
The above-identified app	lication was made or authorized to be made by me.	
I hereby state that I have including the claims.	re reviewed and understand the contents of the specification in the above-identified application,	
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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.		
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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	ENTOR 2 02 00 05	
Inventor Matthew	Tohn Shelton, A Date: 1/2/19/01/5	
Signature: ////000/Us/ )//4 ) ) WIDO		
Note: An Application Data Sheet (PTO/SB/14 or equivalent), including naming the entire inventive entity, must accompany this form.		
Use an additional declaratio	n form for each additional inventor.	

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į	Attorney Docket Number	83578001	
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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 ma ware 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 and the national or PCT international filling date of the continuation-in-part application and the national or PCT international filling date of the continuation of the State of Delaware, having its principal place of business at Dearborn. County of Wayne, and State of Michigan, hereinafter referred to us 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 in ASSIGNEE is assuccessors, 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, in and to the inventions and discoveries in any and all countries, entities and intergovernmental organizations, in and to the inventions an		MANUA	L SHIFT TRANSN	AISSION
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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 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, 1.1.C, a Ford Motor Company subsidiary, organized and existing by virtue of the laws of the Stute of Delaware, having its principal place of business at Dearhorn, 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 cleation (and I hereby authorize the ASSIGNEE is attorney to insert the serial/application number and filing date of the application to receive Letters Patent hereits. Serial No. 1.4./9.79	The att	makad amilianthan an		
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Signature: 2006 Signature: Note: An Application Data Sheet (PTO/SB/14 or equivalent), including naming the entire inventive entity, must accompany this form.				8 2 2 2 CO
Signature: 2006 Signature: Note: An Application Data Sheet (PTO/SB/14 or equivalent), including naming the entire inventive entity, must accompany this form.	Inventor: Michael G	lenn Fodor	Date:	1/19 21/2013
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Title of Invention

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Attorney Docket Number	L 0.2.0 / 0.W/3
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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)

SYSTEMS AND METHODS FOR OPERATING A VEHICLE WITH A

MANUAL SHIFT TRANSMISSION
This declaration is directed to:
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Pursuant to my employment agreement hereiofore 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. 14/878,979 , Filing Date October 8,2015 ), 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.
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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: Bradley Dean Riedle Date: Ud 8, 2019
Signature: 191077
Note: An Application Data Sheet (PTO/SB/14 or equivalent), including naming the entire inventive entity, must accompany this form.  Use an additional declaration form for each additional inventor.

Please direct all correspondence to customer number: 36865

**RECORDED: 10/08/2015** 

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Attorney Docket Number	83578001	
Attorney Doctor (America)	023,000.	 

# 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	SYSTEMS AND METHODS FOR OPERATING A VEHICLE WITH A MANUAL SHIFT TRANSMISSION
This declaration is direct	
The at United	tached application, or I States application or PCT international application number filed on
The above-identified app	slication was made or authorized to be made by me.
1 hereby state that I have including the claims.	ve reviewed and understand the contents of the specification in the above-identified application,
I believe that I am the or	iginal 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 discations, material information which became available between the filing date of the prior nal 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 fo of the ASSIGNEE, its story the inventions and diname or names, or in my insert the serial/applica 14/878,979.  ASSIGNEE, its successapplications, in and to the serial technique of the serial technique	nent 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 reign, in and to the inventions and discoveries in the above-identified invention including the right accessors, assigns or other legal representatives to make applications and to receive Letters Patent scoveries in any and all countries, entities and intergovernmental organizations, in its or their own mame, at its or their election (and I hereby authorize the ASSIGNEE or ASSIGNEE's attorney to tion number and filing date of the application to receive Letters Patent herein: Serial No.
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 ecure 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.
	at any willful false statement made in this declaration is punishable under 18 U.S.C. 1001 by fine nore than five (5) years or both.
LEGAL NAME OF INV	
Inventor: Hong J	ang Date: (V/O/()
Signature:	
	a Sheet (PTO/SB/14 or equivalent), including naming the entire inventive entity, must accompany this form.