### 503358831 06/19/2015

### PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT3405453

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

#### **CONVEYING PARTY DATA**

Name	Execution Date
ALEXANDER O'CONNOR GIBSON	05/29/2015
TODD MCCULLOUGH	06/01/2015
FELIX NEDOREZOV	05/29/2015
AKSHAY BICHKAR	06/03/2015
STUART N. FORD	06/01/2015
WALTER JOSEPH ORTMANN	06/01/2015

#### **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:	14744990

### **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.

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Correspondent Name: ALLEMAN HALL MCCOY RUSSELL & TUTTLE, LLP

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ATTORNEY DOCKET NUMBER:	83541792
NAME OF SUBMITTER:	JIBEK ENABNIT
SIGNATURE:	/Jibek Enabnit/
DATE SIGNED:	06/19/2015

## **Total Attachments: 6** source=Executed Assignment 83541792#page1.tif source=Executed Assignment 83541792#page2.tif source=Executed Assignment 83541792#page3.tif

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Attorney Docket Number	83541792	

Title of Invention		METHODS AND SYSTEM FOR OPERATING A DRIVELINE				
This declaration is directed to:						
This declaration	is directi	हत कि:				
	United	tached application, or I States application or PCT international application number filed on				
The above-identi	fied app	lication was made or authorized to be made by me.				
I hereby state th including the claim		ve reviewed and understand the contents of the specification in the above-identified application,				
I believe that I ar	n the ori	iginal inventor or an original joint inventor of a claimed invention in the application.				
continuation-in-p	art app	o disclose information which is material to patentability as defined in 37 C.F.R. 1.56, including for disclose, 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 of the State of I hereinafter refers interest, domestic of the ASSIGNE for the invention name or names, sinsert the serial 14/744, 90 ASSIGNEE, its applications, in a	TECHI Jelaware Red to as and for E, its su s and di or in my /applicar O Success and to th plication	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 mane, 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 applies organizations, an	itions fo d 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 rep	resent 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						
		r O'Connor Gibson, Date; S/27/2013				
Signature:	<u> </u>	Le Stor				
		a Sheet (PTO/SB/14 or equivalent), including naming the entire inventive entity, must accompany this form form for each additional inventor.				

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Attorney Docket Number	83541792
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Title of Invention METHODS AND SYSTEM FOR OPERATING A DRIVELINE DISCONNECT CLUTCH		
This declaration is direct		
United	trached application, or  I States application or PCT international application number  filed on	
The above-identified app	ofication 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 or	riginal inventor or an original joint inventor of a claimed invention in the application.	
continuation-in-part ap	to disclose information which is material to patentability as defined in 37 C.F.R. 1.56, including for plications, material information which became available between the filing date of the prior onal or PCT international filing date of the continuation-in-part application.	
FORD GLOBAL TECH of the State of Delawa hereinafter referred to a interest, domestic and for the ASSIGNEE, its for the inventions and chame or names, or in minsert the serial/applications in the serial for the including all applications and reist the serial for the serial for the serial for the including all applications and reist the serial for the	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 liscoveries in any and all countries, entities and intergovernmental organizations, in its or their own many name, at its or their election (and I hereby authorize the ASSIGNEE or ASSIGNEE's attorney to attorn number and filing date of the application to receive Letters Patent herein. Serial No., Filing Date June 19, 2015 ), and I hereby sell, assign and set over to the assors, assigns or other legal representatives, all rights of priority, including any provisional the inventions and discoveries in any and all countries, entities and intergovernmental organizations one claiming benefit of the filing date hereof, continuations, continuations-in-part, divisionals, sue applications.  In the provisional papers, for Letters Patent of any and all kinds and in any and all countries, entities and intergovernmental organizations.	
organizations, and to p may deem necessary to	erform 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 warrant that I have not granted any rights inconsistent with the rights granted herein.	
I hereby acknowledge or imprisonment of not	that 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 IN Inventor: Todd N	VENTOR 10CuNough / // Date: 6/1/2015	
Signature:	Mcl/M	
	or apply 1977 3.4	
Note: An Application Di	ata Sheet (PTO/SB/14 or equivalent), including naming the entire inventive entity, must accompany this form, ion form for each additional inventor.	

Attorney Docket Number	83541792	

Title of Invention METHODS AND SYSTEM FOR OPERATING A DRIVELINE DISCONNECT CLUTCH				
This declaration is				
×	The attached application, or United States application or PCT international application numberfiled on			
The above-identif	ed application was made or authorized to be made by me.			
I hereby state that including the clair	I have reviewed and understand the contents of the specification in the above-identified application, as.			
I believe that I am	the original inventor or an original joint inventor of a claimed invention in the application.			
continuation-in-na	duty to disclose information which is material to patentability as defined in 37 C.F.R. 1.56, including for rt applications, material information which became available between the filing date of the prior 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. 14/744,990 , Filing Date June 19,2015 ), 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.				
including applications, and	the for myself, my heirs, successors, assigns or other legal representatives to execute any and all papers, ions 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 may be secure thereto the rights herein sold, assigned and set over.			
And I hereby repr	esent 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 (				
	lix Nedorezov Date:Date:			
Signature:	Felix Nalarey			
Note: An Applicat	on Data Sheet (PTO/SB/14 or equivalent), including naming the entire inventive entity, must accompany this form.			
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Title of Invention	METHODS AND SYSTEM FOR OPERATING A DRIVELINE				
	DISCONNECT CLUTCH				
This declaration is direc	ted to:				
⊠ The s	ttached application, or				
	d States application or PCT international application number				
L Chile	filed on				
The above-identified ap	plication 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 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 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.					
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. 14/744,990 , Filing Date June 19,2015 , 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					
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: Akshay	N .				
Signature:					
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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

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Attorney Docket Number	83541792
E TARIOTHEY LOCKER THURIDER	03271122

# 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	METHODS AND SYSTEM FOR OPERATING A DRIVELINE DISCONNECT CLUTCH					
This declaration is direct	ed to:					
The attached application, or United States application or PCT international application number filed on						
The above-identified app	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 or	iginal 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. 14/744,990 , Filing Date June 19,2015 ), 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 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	ENTOR 2015					
Inventor: Stuart N	Ford Date: 0/ June 2015					
Signature: Signature: Signature:						
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.						

Attorney Docket Number	83541792

Title of Invent	on N	METHODS AND SYSTI	EM FOR OPERA	TING A DRIVELINE	
		DISC	ONNECT CLUT	СН	
This declaration	s directed to:				
	The attached application, or United States application or PCT international application numberfiled on				
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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 will of not more than fi	ful false statement made in the ve (5) years or both.	is declaration is punis	hable under 18 U.S.C. 1001 by fine	
LEGAL NAME (				1/1/100	
Inventor: <u>W</u>	alter Joseph Ortm	<u>ym</u>	Date:	4/1/15	
Signature:	UB CUM	wa.			
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**PATENT RECORDED: 06/19/2015** 

**REEL: 035978 FRAME: 0830**