## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT2972970

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

#### **CONVEYING PARTY DATA**

Name	Execution Date
CHRIS PAUL GLUGLA	06/26/2014
DANIEL JOSEPH STYLES	07/08/2014
MICHAEL DAMIAN CZEKALA	02/09/2014
JAMES ALFRED HILDITCH	07/08/2014

### **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:	14454275

### **CORRESPONDENCE DATA**

**Fax Number:** (503)459-4142

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Correspondent Name: ALLEMAN HALL MCCOY RUSSELL & TUTTLE, LLP

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ATTORNEY DOCKET NUMBER:	83448456
NAME OF SUBMITTER:	MAXFIELD FULTON
SIGNATURE:	/Maxfield Fulton/
DATE SIGNED:	08/07/2014

### **Total Attachments: 4**

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Please direct all correspondence to customer number: 36865

Axe same Proplem Manager	83448456	
Attorney Docket Number	03440430	

# 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)

litic of invention	DEDICATED-EGR CYLINDER WITH VARIABLE CHARGE MOTION			
This declaration is directed to:				
☐ Unite	attached application, or ed States application or PCT international application number filed on			
The above-identified ap	oplication was made or authorized to be made by me.			
I hereby state that I had including the claims.	ave reviewed and understand the contents of the specification in the above-identified application,			
I believe that I am the c	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 eplications, 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 Delaws hereinafter referred to interest, domestic and I of the ASSIGNEE, its for the inventions and on name or names, or in n insert the serial/applications, its success applications, in and to	ANOLOGIES, LLC, a Ford Motor Company subsidiary, organized and existing by virtue of the laws are, 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 ay name, at its or their election (and I hereby authorize the ASSIGNEE or ASSIGNEE's attorney to ration number and filing date of the application to receive Letters Patent herein: Serial No.  ———————————————————————————————————			
including applications organizations, and to p	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 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 I hereby represent	and warrant that I have not granted any rights inconsistent with the rights granted herein.			
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	VENTOR  Na Glugla 1/1/ Date: 6/2-6/20/4			
Signature:	John C. III			
	ata Sheet (PTO/SB/14 or equivalent), including naming the entire inventive entity, must accompany this form.			

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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)

Title of Inventi	on DEDICATED-	EGR CYLINDER WIT	H VARIABLE CHARGE MOTION
This declaration i	s directed to:		
	The attached application, or United States application or	PCT international application filed on	
The above-identif	ied application was made or	authorized to be made by me.	
I hereby state the including the claim		erstand the contents of the sp	ecification in the above-identified application,
I believe that I am	the original inventor or an o	riginal joint inventor of a clain	ned 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. 14/454,275, Filing Date August 7, 2014), 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.			
	edge that any willful false stoof not more than five (5) year		ion is punishable under 18 U.S.C. 1001 by fine
LEGAL NAME (			Date: 7814
Annual Property of the Parket	miel Joseph Styles	1 C	Date: 71011
Signature:	frank James	A A STEEL	
	ion Data Sheet (PTO/SB/14 or		e entire inventive entity, must accompany this form.

Attorney Docket Number	83448456

# 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	DEDICATED-EGR CYLINDER WITH VARIABLE CHARGE MOTION		
This declaration is directed to:			
United	States 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,		
I believe that I am the or	ginal 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. 14/454,275, Filing Date August 7, 2014, 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 for organizations, and to pe	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 form 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	ENTOR - 2/20/4/		
Inventor: Michael	Dansian Czekala Date:		
Signature:			
	a Sheet (PTO/SB/14 or equivalent), including naming the entire inventive entity, must accompany this form. on form for each additional inventor.		

Attorney Docket Number	83448456	

# 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 Inventi	on	DEDICATED-EGR CYLINDER WITH VA	RIABLE CHARGE MOTION
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. 14/454,275 , Filing Date August 7, 2014 ), 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 ( Inventor: Ja			ate: 7-8-2014
Signature:	Jan 1	- a. /b.last	
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.			

PATENT REEL: 033489 FRAME: 0097

**RECORDED: 08/07/2014**