#### PATENT ASSIGNMENT

#### Electronic Version v1.1 Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

#### **CONVEYING PARTY DATA**

Name	Execution Date
Mark W. Peters	09/15/2013
Mark Daniel Bunge	09/15/2013
Michael G. Heim	09/14/2013
Russell Randall Pearce	09/15/2013

#### **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
Applic	cation Number:	14039834

#### **CORRESPONDENCE DATA**

**Fax Number**: 5034594142

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

Phone: 503-459-4141
Email: fulton@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:	83389604	
NAME OF SUBMITTER:	Maxfield Fulton	
Signature:	/Maxfield Fulton/	

502513094 REEL: 031301 FRAME: 0346

Date:	09/27/2013		
Total Attachments: 4 source=Executed Assignment 83389604#page1.tif source=Executed Assignment 83389604#page2.tif source=Executed Assignment 83389604#page3.tif source=Executed Assignment 83389604#page4.tif			

PATENT REEL: 031301 FRAME: 0347

-	Attorney Docket Number	83389604

Title of Invention	HYBRID VEHICLE FUEL VAPOR CANISTER		
This declaration is directed to:			
United	tached application, or  I States application or PCT international application number filed on		
The above-identified app	dication was made or authorized to be made by me.		
I hereby state that I has including the claims.	and make distributed and the contents of the specification in the decree 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.		
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, baving its principal place of husiness at Dearhom, 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. 14/039,834, Filing Date September 27, 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 a	nd 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 (S) years or both.			
LEGAL NAME OF INV	ξ ην		
Signature: L. L.			
Note: An Application Dat	a Sheet (PTO/SB/14 or equivalent), including naming the entire inventive entity, must accompany this form.		

Note. An Approximation four for each additional incentur.

The an additional declaration from for each additional incentur.

Attorney Docket Number	83389604
------------------------	----------

Title of Invention	)B	HYBRID VEHICLE FUEL VAPOR CANISTER	
This declaration is directed to:			
		States application or PCT international application number filed on	
The above-identifi	ied appl	lication was made or authorized to be made by me.	
I hereby state that including the claim		re reviewed and understand the contents of the specification in the above-identified application,	
I believe that I am	the orig	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. 14/039,834 , Filing Date September 27, 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 C			
Inventor: Ma	uk Dan	niel Bunge Date: 9/18/2013	
Signature:	ruf A	und Beuze	
Note: An Applicati	on Data	a Sheet (PTO/SB/14 or equivalent), including naming the entire inventive entity, must accompany this form, on form for each additional inventor.	

PATENT REEL: 031301 FRAME: 0349

**************************************		
	83389604	

Title of Invention	HYBRID VEHICLE FUEL VAP	OR CANISTER	
This declaration is directed to:			
United	tached application, or I 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 hav including the claims.	re reviewed and understand the contents of the specification	n in the above-identified application,	
I believe that I am the ori	ginal inventor or an original joint inventor of a claimed inven	tion in the application.	
continuation-in-part appl	disclose information which is material to patentability as de lications, material information which became available be all or PCT international filing date of the continuation-in-part	etween the filing date of the prior	
of the State of Delaware hereinafter referred to as interest, domestic and for of the ASSIGNEE, its sufor the inventions and disname or names, or in my insert the serial/applications and to the including all applications reexaminations and reissu	~•	zed and existing by virtue of the laws y of Wayne, and State of Michigan, esentatives, the entire right, title and lentified invention including the right ications and to receive Letters Patent ntal organizations, in its or their own SIGNEE or ASSIGNEE's attorney to be Letters Patent herein: Serial No. ereby sell, assign and set over to the priority, including any provisional and intergovernmental organizations s, continuations-in-part, divisionals,	
including applications for organizations, and to perf	nyself, my heirs, successors, assigns or other legal representate Letters Patent of any and all kinds and in any and all count form any and all acts which the ASSIGNEE, its successors, accure thereto the rights herein sold, assigned and set over.	stries, entities and intervovernmental	
And I hereby represent and	d warrant that I have not granted any rights inconsistent with t	the rights granted herein.	
I hereby acknowledge that or imprisonment of not me	t any willful false statement made in this declaration is punisore than five (5) years or both.	shable under 18 U.S.C. 1001 by fine	
LEGAL NAME OF INVE		- Page 1979	
Inventor: <u>Michael G I</u>	Heim Date:	9-14-13	
Signature:			
Note: An Application Data:	Sheet (PTO/SB/14 or equivalent), including naming the entire inve	wrow only must appropriate this form	
lice on additional darlamition	Some for each a Milliam I have	mice candi impe accombant and roun-	

PATENT REEL: 031301 FRAME: 0350

·····	***************************************
Attorney Docket Number	83389604

Title of Invention	HYBRID VEHICLE FUEL VAPOR CANISTER
This declaration is directed to:	
Unit	attached annlication, or ed States application numberfiled on
The above-identified a	optication was made or authorized to be made by me.
Pacify and the Figure including the claims.	sadaritega trititudi ogreta att at nataritigage att tv chesique att tamicrotan tam benedicae era
I believe that I am the o	original inventor or an original joint inventor of a claimed invention in the application.
continuation-in-part at	to disclose information which is material to patentability as defined in 37 C.F.R. 1.56, including for optications, material information which became available between the filing date of the prior ional or PCT international filing date of the continuation-in-part application.
FORD GLOBAL TEC of the State of Delay-hereinafter referred to interest, domestic and of the ASSIGNEE, its for the inventions and name or names, or in runsers the serial applied 14/039,834  ASSIGNEE, its succeapplications, in and to	yment agreement heretofore made or by contractual obligation, I do sell, assign and set over unto HNOLOGIES, LLC, a Ford Motor Company subsidiary, organized and existing by virtue of the laws having its principal place of business at Dearbary County of Wayne, and State of Michigan as the ASSIGNEE, its successors, assigns or other legal representatives, the entire right, title and foreign, 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 my name, at its or their election (and I hereby authorize the ASSIGNEE or ASSIGNEE's attorney to canon number and timing date or the application to receive Letters Patent nerem: Serial No.  ———————————————————————————————————
including applications organizations, and to p	r 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 serform 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 my 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: Russell	VENTOR/ Randall Rearce / ) Date: 9-15-2013
Signature	
	ata Sheet (PTO/SB/14 or equivalent), including naming the entire inventive entity, must accompany this form, tion from for each additional inventor.

PATENT REEL: 031301 FRAME: 0351

**RECORDED: 09/27/2013**