PATENT ASSIGNMENT

Electronic Version v1.1 Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
Ross Dykstra Pursifull	03/13/2013
Joseph Norman Ulrey	03/05/2013
Gopichandra Surnilla	03/05/2013
Joseph F Basmaji	03/05/2013
Mark Meinhart	03/08/2013

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:	13830022	

CORRESPONDENCE DATA

Fax Number: 5034594142

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

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

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:	83354102
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NAME OF SUBMITTER: Elizabeth Frommer

REEL: 030804 FRAME: 0676

PATENT

502420748

Signature:	/Elizabeth Frommer/	
Date: 07/16/2013		
Total Attachments: 5 source=Executed Assignment 83354102#page1.tif source=Executed Assignment 83354102#page2.tif source=Executed Assignment 83354102#page3.tif source=Executed Assignment 83354102#page4.tif source=Executed Assignment 83354102#page5.tif		

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ĺ	Attorney Docket Number	83354102	

Title of Invention D	irect	njection Fuel Pump
This declaration is directed t	to:	
☐ The attack ☐ United Sta	ned app ates app	ication, or licensitional application number filed on
The above-identified applica	ition wa	s made or authorized to be made by me.
I hereby state that I have reincluding the claims.	eviewe	and understand the contents of the specification in the above-identified application,
I believe that I am the origin	al inves	for or an original joint inventor of a claimed invention in the application.
continuation-in-part applica	tions, 🛊	formation which is material to patentability as defined in 37 C.F.R. 1,56, including for atterial information which became available between the filing date of the prior atternational filing date of the continuation-in-part application.
Pursuant to my employment FORD GLOBAL TECHNOl of the State of Delaware, is hereinafter referred to as the interest, domestic and foreig of the ASSIGNEE, its succe for the inventions and discondame or names, or in my nations the serial/application 13/830,022 ASSIGNEE, its successors, applications, in and to the inincluding all applications or reexaminations and reissue a And I hereby agree for mystincluding applications for Leorganizations, and to perform	t agreed LOGIE aving it e ASSi n, in an essors, a veries in me, at ii numbe , Fili , assign vention claiming pplicati elf, my etters P n any a	ent heretofore made or by contractual obligation, I do sell, assign and set over unto LLC, a Ford Moto Company subsidiary, organized and existing by virtue of the laws principal place of business at Dearborn, County of Wayne, and State of Michigan, NEE, its successor, assigns or other legal representatives, the entire right, title and to the inventions and discoveries in the above-identified invention including the right signs or other legal representatives to make applications and to receive Letters Patent any and all countries, entities and intergovernmental organizations, in its or their own or their election (and I hereby authorize the ASSIGNEE or ASSIGNEE's attorney to and filing date of the application to receive Letters Patent herein: Serial No. Date March 13, 2013), and I hereby sell, assign and set over to the or other legal representatives, all rights of priority, including any provisional and discoveries in any and all countries, entities and intergovernmental organizations benefit of the filing date hereof, continuations, continuations-in-part, divisionals,
And I hereby represent and w	varrant s	ast I have not granted any rights inconsistent with the rights granted herein.
or imprisonment of not more	than fig	if false statement made in this declaration is punishable under 18 U.S.C. 1001 by fine (5) years or both.
LEGAL NAME OF INVENTINVENTOR: Ross Dykstra Signature:	Pursific	Date: 13 Mar Za 13
Note: An Application Data She Use an additional declaration for	et (PTO m for ea	SB/14 or equivalent), including maming the entire inventive entity, must accompany this form. In additional inventor.

Attorney Docket Number	83354102	, , , , , , , , , , , , , , , , , , , ,

Title of Inventio	Direct Injection Fuel Pump
This declaration is	directed to:
	The attached application, or International application number filed on
The above-identific	d application was made or authorized to be made by me.
I hereby state that including the claim	I have reviewed and understand the contents of the specification in the above-identified application, s.
I believe that I am t	he original inventor or an original joint inventor of a claimed invention in the application.
-commusion-in-par	uty to disclose information which is material to patentability as defined in 37 C.F.R. 1.56, including for 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.
of the State of Del hereinafter referred interest, domestic at of the ASSIGNEE, for the inventions a name or names, or insert the serial/ap 13/830,022 ASSIGNEE, its su applications, in and	ployment agreement heretofore made or by contractual obligation, I do sell, assign and set over unto ECHNOLOGIES, LLC, a Ford Motor Company subsidiary, organized and existing by virtue of the laws aware, having its principal place of business at Dearborn, County of Wayne, and State of Michigan, to as the ASSIGNEE, its successors, assigns or other legal representatives, the entire right, title and deforeign, in and to the inventions and discoveries in the above-identified invention including the right 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 and mane, at its or their election (and I hereby authorize the ASSIGNEE or ASSIGNEE's attorney to oblication number and filing date of the application to receive Letters Patent herein: Serial No. ———————————————————————————————————
organizations, and to	for myself, my heirs, successors, assigns or other legal representatives to execute any and all papers, as for Letters Patent of any and all kinds and in any and all countries, entities and intergovernmental perform any and all acts which the ASSIGNEE, its successors, assigns or other legal representatives to secure thereto the rights herein sold, assigned and set over.
And I hereby represe	nt and warrant that I have not granted any rights inconsistent with the rights granted herein.
or mulausminient of i	that any willful false statement made in this declaration is punishable under 18 U.S.C. 1001 by fine of more than five (5) years or both.
LEGAL NAME OF	3 20
	h Norman Ulrey Date: 104 6,2015
Signature:	700 2 1 1 CANA
Note: An Application	Data Sheet (PTO/SE/14 or equivalent), including naming the entire inventive entity, must accompany this form.
os an accinonal cecia	rasion form for each additional inventor

	,.,
Attorney Docket Number	83354102

Title of invention	Direct injection Fuel Pump			
This declaration is direct	ed to:			
United	tached application, or I States application or PCT international application number filed on			
The above-identified app	olication 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. 13/830,022 , Filing Date March 13, 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 live (5) years or both.				
LEGAL NAME OF IN	ATM/PD/AB			
	$\frac{\text{NENTOR}}{\text{ndra} \text{Surnilla}} \qquad \qquad \text{Date:} \frac{3/5/20/3}{}$			
Signature:				
Note: An Application Data Street (PTO/SB/14 or equivalent), including naming the entire inventive entity, must accompany this form.				
Rote: An Application Data Steet (P10/SB/14 or equivalent), including naming the entire inventive entry, must accompany this form. Use an additional declaration form for each additional inventor.				

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This declaration is directed to:				
☐ United	The attached application, or United States application or PCT international application number filed on			
The above-identified app	olication 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 PORD 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 scrial/application number and filing date of the application to receive Letters Patent herein: Serial No. 13/830,022, Filing Date March 13, 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 INV				
Inventor: Joseph F Signature:	Basmaji Date: 03 05 80 S			
All				
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: 07/16/2013

Attorney Docket Number	83354102

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)

l'itle of Invention	Direct Injection Fuel Pump			
This declaration is directed to:				
Unit	attached application, or ed States application or PCT international application numberfiled on			
The above-identified a	pplication 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.				
continuation-in-part a	to disclose information which is material to patentability as defined in 37 C.F.R. 1.56, including for oplications, material information which became available between the filing date of the prior ional 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. 13/830,022, Filing Date March 13, 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 IN				
Inventor: Mark N	feinhart Date: 03/08/2015			
Signature: M.A.	<u> Made Time and the second and the s</u>			
Note: An Application Da Use an additional declarat	ita Sheet (PTO/SB/34 or equivalent), including naming the entire inventive entity, must accompany this form.			