PATENT ASSIGNMENT

Electronic Version v1.1 Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
David Skipp	04/29/2013
Graham Hoare	05/13/2013
Oliver Berkemeier	04/26/2013
Nicholas Dashwood Crisp	04/23/2013

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:	13893150

CORRESPONDENCE DATA

Fax Number: 5034594142

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

Phone: 503-459-4141
Email: cohen@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:	83364106	
NAME OF SUBMITTER:	Liana Cohen	
Signature:	/Liana Cohen/	DATENT

502345656 REEL: 030406 FRAME: 0008

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Date:	05/13/2013
Total Attachments: 4 source=Executed Assignment 83364106#pa source=Executed Assignment 83364106#pa source=Executed Assignment 83364106#pa source=Executed Assignment 83364106#pa	age2.tif age3.tif

Attorney Docket Number	83364106

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)

ine of invention	INJECTION ENGINE
This declaration is direc	
Unite	uttached application, or d States application or PCT international application number
Succession	filed on
The above-identified ap	plication was made or authorized to be made by me.
I hereby state that I had including the claims.	we reviewed and understand the contents of the specification in the above-identified application,
I believe that I am the o	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 Delawas hereinafter referred to a interest, domestic and for the ASSIGNEE, its afor the inventions and diname or names, or in minsert the serial/application No. 120893 assigns or other legal reand discoveries in any benefit of the filing date. And I hereby agree for including applications for organizations, and to permay deem necessary to serial and to permay deem necessa	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 iscoveries in any and all countries, entities and intergovernmental organizations, in its or their own y name, at its or their election (and I hereby authorize the ASSIGNEE or ASSIGNEE's attorney to atton number and filing date of the application to receive Letters Patent herein: Serial No. —, Filing Date
	and warrant that I have not granted any rights inconsistent with the rights granted herein.
I hereby acknowledge the or imprisonment of not a	nat 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: David S	
Signature:	aid Sug
Note: An Application Dat Use an additional declaration	a Sheet (PTO/SB/14 or equivalent), including naming the entire inventive entity, must accompany this form, in form for each additional inventor,

83364106	

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)

Title of Invent	ion	AN ENGINE SYSTEM AND A METHOD OF OPERATING A DIRECT INJECTION ENGINE
This declaration	is direc	ted to:
×	Unite	ttached application, or d States application or PCT international application number filed on
The above-identi	fied ap	plication was made or authorized to be made by me.
I hereby state the including the class	at I ha ims.	we reviewed and understand the contents of the specification in the above-identified application,
I believe that I ar	n the o	riginal inventor or an original joint inventor of a claimed invention in the application.
continuation-in-p	art 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 of the State of I hereinafter refer interest, domestic of the ASSIGNE for the invention name or names, insert the serial 13/893,1: Application No. assigns or other and discoveries benefit of the fili	TECH Delawa red to a cand for and for a cand for a cand cor in m /applic 50 120893 legal m any ng date	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 breign, 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 made its or their election (and I hereby authorize the ASSIGNEE or ASSIGNEE's attorney to atton number and filing date of the application to receive Letters Patent herein: Serial No. Filing Date May 13, 2013, which claims priority to Great Britain Patent 16.3, filed on May 21, 2012), and I hereby sell, assign and set over to the ASSIGNEE, its successors, appresentatives, all rights of priority, including any provisional applications, in and to the inventions and all countries, entities and intergovernmental organizations including all applications claiming thereof, continuations, continuations-in-part, divisionals, reexaminations and reissue applications.
including applications, as	ations I	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 rep	resent	and warrant that I have not granted any rights inconsistent with the rights granted herein.
I hereby acknow or imprisonment	ledge to	hat 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		
	iraham	Hoare Date: (3 191 197 197 6 5 5
Signature:		The state of the s
Note: An Applica Use an additional of	ition Da	ta Sheet (PTO/SB/14 or equivalent), including naming the entire inventive entity, must accompany this form. ion form for each additional inventor.

Please direct all correspondence to customer number: 36865

Attorney Docket Number	83364106
	C. M. T. T. C. C. S. C.

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)

Title of Invention	AN ENGINE SYSTEM AND A METHOD OF OPERATING A DIRECT INJECTION ENGINE
This declaration is direct	ed to:
United	tached application, or I States application or PCT international application numberfiled on
The above-identified app	dication 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	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.P.R. 1.56, including for discisors, 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 Delawars hereinafter referred to an interest, domestic and for of the ASSIGNEE, its suffor the inventions and diname or names, or in my insert the serial/applica 13/893,150 Application No. 1208936 assigns or other legal regard discoveries in any a benefit of the filing date. And I hereby agree for a including applications for	NOLOGIES, LLC, a Ford Motor Company subsidiary, organized and existing by virtue of the laws as, having its principal place of business at Dearborn, County of Wayne, and State of Michigan, 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 roame, 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. Filing Date May 13, 2013 , which claims priority to Great Britain Patent 33, filed on May 21, 2012), and I hereby sell, assign and set over to the ASSIGNEE, its successors, presentatives, all rights of priority, including any provisional applications, in and to the inventions and all countries, entities and intergovernmental organizations including all applications claiming hereof, continuations, continuations-in-part, divisionals, reexaminations and reissue applications. The patent of any and all kinds and in any and all countries, entities and intergovernmental organizations, entities and intergovernmental countries, entities and intergovernmental countries.
may deem necessary to s	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.
	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 line nore than five (5) years or both.
LEGAL NAME OF INV	
Inventor: Oliver Be Signature:	erkemeier Date: SONS
Signature form	
	a Sheet (PTO/SB/14 or equivalent), including naming the entire inventive entity, must accompany this form, in form for each additional inventor.

Please direct all correspondence to customer number: 36865

RECORDED: 05/13/2013

Attorney Docket Number	83364106
23001310	

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)

1	IN ENGINE SYSTEM AND A METHOD OF OPERATING A DIRECT NJECTION ENGINE
This declaration is directed to:	
United S	hed application, or tates 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. 13/893,150 , Filing Date	
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 INVENTOR Inventor: Nicholas Dashwood Crisp / / Date: 23th Arkit 2013	
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.	