PATENT ASSIGNMENT

Electronic Version v1.1 Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT	
NATURE OF CONVEYANCE:	ASSIGNMENT	

CONVEYING PARTY DATA

Name	Execution Date
Moritz Klaus Springer	04/09/2013
Helmut Hans Ruhland	04/09/2013
Albert Breuer	04/09/2013
Thomas Lorenz	04/09/2013
Jan Linsel	04/09/2013

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:	13860446	

CORRESPONDENCE DATA

Fax Number: 5034594142

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

503-459-4141 Phone: 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: 83359646

NAME OF SUBMITTER: Liana Cohen

REEL: 030191 FRAME: 0801

PATENT

502306466

Signature:	/Liana Cohen/	
Date: 04/10/2013		
Total Attachments: 5 source=Executed Assignment 83359646#page1.tif source=Executed Assignment 83359646#page2.tif source=Executed Assignment 83359646#page3.tif source=Executed Assignment 83359646#page4.tif source=Executed Assignment 83359646#page5.tif		

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Attorney Docket Number	92750646
MUDITIES EXCLUSION STREET	03339990

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 Inven	tion INTERNAL COMBUSTION ENGINE WITH PARTIAL DEACTIVATION AND METHOD FOR THE OPERATION OF AN INTERNAL COMBUSTION ENGINE OF SAID TYPE
This declaration	is directed to:
	The attached application, or United States application or PCT international application numberfiled on
The above-ident	tified application was made or authorized to be made by me.
I hereby state fl including the cla	hat I have reviewed and understand the contents of the specification in the above-identified application aims.
I believe that I a	im the original inventor or an original joint inventor of a claimed invention in the application.
continuation-in-	the duty to disclose information which is material to patentability as defined in 37 C.P.R. 1.56, including for part applications, material information which became available between the filing date of the prior the national or PCT international filing date of the continuation-in-part application.
FORD GLOBA of the State of hereinafter refer interest, domest of the ASSIGNI for the invention name or names, insert the seria 13/860,44 Application nur successors, assis inventions and o claiming benefi applications. And I hereby as	employment agreement heretofore made or by contractual obligation, I do sell, assign and set over unto L TECHNOLOGIES, LLC, a Ford Motor Company subsidiary, organized and existing by virtue of the law Delaware, having its principal place of business at Dearborn, County of Wayne, and State of Michigan ried to as the ASSIGNEE, its successors, assigns or other legal representatives, the entire right, title and ic and foreign, in and to the inventions and discoveries in the above-identified invention including the righ EE, its successors, assigns or other legal representatives to make applications and to receive Letters Patern as and discoveries in any and all countries, entities and intergovernmental organizations, in its or their own or in my name, at its or their election (and I hereby authorize the ASSIGNEE or ASSIGNEE's attorney to Adapplication number and filing date of the application to receive Letters Patern herein: Serial No. 16. Filing Date April 10, 2013 which claims priority to European Patern moter 12165336.4, filed on April 24, 2012), and I hereby sell, assign and set over to the ASSIGNEE, it gas or other legal representatives, all rights of priority, including any provisional applications, in and to the discoveries in any and all countries, entities and intergovernmental organizations including all application it of the filing date hereof, continuations, continuations-in-part, divisionals, reexaminations and reissurgee for myself, my heirs, successors, assigns or other legal representatives to execute any and all papers
including applic	cations for Letters Patent of any and all kinds and in any and all countries, entities and intergovernmenta and to perform any and all acts which the ASSIGNEE, its successors, assigns or other legal representative seary to secure thereto the rights herein sold, assigned and set over.
And I hereby rep	present and warrant that I have not granted any rights inconsistent with the rights granted herein.
	viedge that any willful false statement made in this declaration is punishable under 18 U.S.C. 1001 by fine tof not more than five (5) years or both.
LEGAL NAME	OF INVENTOR
	Moritz Klaus, Springer Date: 3 47 N U/3
Signature:	<u> </u>
TATELLINE AND ADDRESS.	
	ation Data Sheet (PTO/SB/14 or equivalent), including naming the entire inventive entity, must accompany this form declaration form for each additional inventor.

<u> </u>		
Attorney	Docket Number	

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	METHOD FOR THE OPERATION OF AN INTERNAL COMBUSTION ENGINE OF SAID TYPE			
	This declaration is	directed to:			
The attached application, or United States application or PCT international application number filed on					
	The above-identifie	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.			
	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 filling date of the application to receive Letters Patent herein: Serial No. 13/860,446 , Filing Date April 10, 2013 which claims priority to European Patent Application number 12165336.4, filled on April 24, 2012), 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 filling 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	INVENTOR A A			
	Inventor: Heli	nut Hans Ruhland Date; / 47 //			
	Signature:				
	Notes An Andinais	n Data Sheet (PTO/SB/14 or equivalent), including naming the entire inventive entity, must accompany this form.			
		a Data Sheet (FTO/She'14 of equivalent), including haming the crime inventive entry, must accompany this torus, laration form for each additional inventor.			

Attorney Docket Number	83359646

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)

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The above-ident	tified application was made or authorized to be made by me.			
I hereby state the including the cla	hat I have reviewed and understand the contents of the specification in the above-identified application aims.			
I believe that I a	un the original inventor or an original joint inventor of a claimed invention in the application.			
continuation-in-	he duty to disclose information which is material to patentability as defined in 37 C.F.R. 1.56, including for part applications, material information which became available between the filing date of the prior 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 anthorize 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. 13/860,446 Piling Date April 10, 2013 which claims priority to European Patent Application number 12165336.4, filed on April 24, 2012), 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 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 rep	present and warrant that I have not granted any rights inconsistent with the rights granted herein.			
	vieldge that any willful false statement made in this declaration is punishable under 18 U.S.C. 1001 by fine t of not more than five (5) years or both.			
LEGAL NAME	OF INVENTOR # 1/2			
	Albert Brower Date: \(\lambda_2 \lambda_2 \lambda_			
Signature:				
	ation Data Sheet (PTO/SB/14 or equivalent), including naming the entire inventive entity, must accompany this form declaration form for each additional inventor.			

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Attorney	1 3 v 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	A CONTRACTOR	1 83359646

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FORD GLOBAL of the State of I hereinafter refer interest, domesti of the ASSIGNE for the invention name or names, insert the serial 13/860,446 Application num successors, assig inventions and delaiming benefit applications.	employment agreement heretofore made or by contractual obligation, I do sell, assign and set over unto TECHNOLOGIES, LLC, a Ford Motor Company subsidiary, organized and existing by virtue of the laws Delaware, having its principal place of business at Dearborn, County of Wayne, and State of Michigan, red to as the ASSIGNEE, its successors, assigns or other legal representatives, the entire right, title and c and foreign, in and to the inventions and discoveries in the above-identified invention including the right IE, its successors, assigns or other legal representatives to make applications and to receive Letters Patent is and discoveries in any and all countries, entities and intergovernmental organizations, in its or their own or in my name, at its or their election (and I hereby authorize the ASSIGNEE or ASSIGNEE's attorney to Application number and filing date of the application to receive Letters Patent herein: Serial No. ———————————————————————————————————			
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.				
	ledge that any willful false statement made in this declaration is punishable under 18 U.S.C. 1001 by fine of not more than five (5) years or both.			
LEGAL NAME Inventor: T				
	homas Lorenz Date: 10 × 10 7 3			
Signature:	for a particular of the second			
	ntion Data Sheet (PTO/SB/14 or equivalent), including naming the entire inventive entity, must accompany this form. Ecclaration form for each additional inventor.			

RECORDED: 04/10/2013

Attorney Docket Number	83359646	

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I believe that I an	n the or	iginal inventor or an original joint inventor of a claimed inve	ention in the application.		
continuation-in-p	art app	o disclose information which is material to patentability as a dications, material information which became available and or PCT international filing date of the continuation-in-pa	between the filing date of the prior		
FORD GLOBAL of the State of E hereinafter referrinterest, domestic of the ASSIGNE for the invention name or names, insert the serial. 13/860,4 Application num successors, assig inventions and d claiming benefit applications.	TECH Delawar ed to a cand for and for E. its s s and door in m /applica 46 iber 12 ns or of the	ment agreement heretofore made or by contractual obligation in NOLOGIES, LLC, a Ford Motor Company subsidiary, organe, having its principal place of business at Dearborn, Course the ASSIGNEE, its successors, assigns or other legal representatives to make applications, assigns or other legal representatives to make application and all countries, entities and intergoverning name, at its or their election (and I hereby authorize the Aution number and filing date of the application to recent processors, assigns or application to recent processors, assigns or other legal representatives, all rights of priority, including an item and all countries, entities and intergovernmental filing date hereof, continuations, continuations-in-part, of	nized and existing by virtue of the laws only of Wayne, and State of Michigan, presentatives, the entire right, title and identified invention including the right plications and to receive Letters Patent nental organizations, in its or their own assignee or Assignee's attorney to ive Letters Patent herein: Serial No. In claims priority to European Patent gn and set over to the Assignee, its y provisional applications, in and to the organizations including all applications livisionals, reexaminations and reissue		
including applications, an	ations f id to pe	myself, my heirs, successors, assigns or other legal represe or Letters Patent of any and all kinds and in any and all conform any and all acts which the ASSIGNEE, its successor secure thereto the rights herein sold, assigned and set over.	ountries, entities and intergovernmental		
		and warrant that I have not granted any rights inconsistent wi	. -		
or imprisonment	of not i	nat any willful false statement made in this declaration is propore than five (5) years or both.	mishable under 18 U.S.C. 1001 by fine		
LEGAL NAME			e 0104.2017		
	n Lins	cl Dat	24 <u>No. 2, W. 19 79 N. 3 N</u>		
Signature:		Company Control Contro			
		a Sheet (PTO/SB/14 or equivalent), including naming the entire in them for each additional inventor	aventive entity, must accompany this form.		