PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT3966709

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
OLIVER BERKEMEIER	06/24/2016
HELMUT HANS RUHLAND	06/30/2016
BERND STEINER	06/24/2016
KRYSTIAN DYLONG	06/24/2016

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:	15213036

CORRESPONDENCE DATA

Fax Number: (503)459-4142

Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent using a fax number, if provided; if that is unsuccessful, it will be sent via US Mail.

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Correspondent Name: ALLEMAN HALL MCCOY RUSSELL & TUTTLE, LLP

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ATTORNEY DOCKET NUMBER:	83684917
NAME OF SUBMITTER:	JIBEK ENABNIT
SIGNATURE:	/Jibek Enabnit/
DATE SIGNED:	07/18/2016

Total Attachments: 4

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PATENT REEL: 039181 FRAME: 0623

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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 Invention	SPARK PLUG HAVING A POWDER CAPSULE		
This declaration is directed	ed to:		
	ached application, or States application or PCT international application number filed on (I hereby authorize the insertion of the application filing date and en they become known.)		
The above-identified appl	ication was made or authorized to be made by me.		
I hereby state that I have including the claims.	e 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.			
of the State of Delaware, hereinafter referred to as interest, domestic and force of the ASSIGNEE, its surfor the inventions and discusser the serial/application 15/213,036 Application No. 1020152 successors, assigns or othe inventions and discoveries	ent agreement heretofore made or by contractual obligation. I do sell, assign and set over unto IOLOGIES, LLC, a Ford Motor Company subsidiary, organized and existing by virtue of the laws 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 sign, in and to the inventions and discoveries in the above-identified invention including the right exessors, assigns or other legal representatives to make applications and to receive Letters Patent coveries in any and all countries, entities and intergovernmental organizations, in its or their own name, at its or their election (and I hereby authorize the ASSIGNEE or ASSIGNEE's attorney to on number and filing date of the application to receive Letters Patent herein: Serial No. Filing Date July 18,2016 which claims priority to German Patent 14057.1, filed July 24, 2015), and I hereby sell, assign and set over to the ASSIGNEE, its or legal representatives, all rights of priority, including any provisional applications, in and to the in any and all countries, entities and intergovernmental organizations including all applications ling date hereof, continuations, continuations-in-part, divisionals, reexaminations and reissue		
including applications for organizations, and to perfo	yself, my heirs, successors, assigns or other legal representatives to execute any and all papers, Letters Patent of any and all kinds and in any and all countries, entities and intergovernmental arm any and all acts which the ASSIGNEE, its successors, assigns or other legal representatives ture 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.		
hereby acknowledge that or imprisonment of not mo	any willful false statement made in this declaration is punishable under 18 U.S.C. 1001 by fine re than five (5) years or both.		
LEGAL NAME OF INVE	NTOR		
nventor: <u>Oliver Berl</u>			
Signature:			
vote: An Application Data S	heet (PTO/SB/14 or equivalent), including naming the entire inventive entity, must accompany this form.		

Attorney Docket Number	83684917

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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. 15/213,036 Filing Date July 18,2016 which claims priority to German Patent Application No. 102015214057.1, filed July 24, 2015), 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 INVI			1.1/201 1 00.1	
Inventor: Helmut H	ans Ruhland	Date:	06/30/2016	
Signature:		<u> </u>		
	Sheet (PTO/SB/14 or equivalent)		entive entity, must accompany this form.	

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continuation-in-part appl	disclose information which is material to patentability as defined in 37 C.F.R. 1.56, including for ications, material information which became available between the filing date of the prior al or PCT international filing date of the continuation-in-part application.
PORD GLOBAL TECHN 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/application 15/213,036 Application No. 1020152 successors, assigns or oth inventions and discoverie	sent agreement heretofore made or by contractual obligation, I do sell, assign and set over unto NOLOGIES, LLC, a Ford Motor Company subsidiary, organized and existing by virtue of the laws, 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 eign, in and to the inventions and discoveries in the above-identified invention including the right coessors, assigns or other legal representatives to make applications and to receive Letters Patent coveries in any and all countries, entities and intergovernmental organizations, in its or their own name, at its or their election (and I hereby authorize the ASSIGNEE or ASSIGNEE's attorney to ion number and filing date of the application to receive Letters Patent herein: Serial No. Filing Date July 18,2016, which claims priority to German Patent 214057.1, filed July 24, 2015), and I hereby sell, assign and set over to the ASSIGNEE, its er legal representatives, all rights of priority, including any provisional applications, in and to the s in any and all countries, entities and intergovernmental organizations including all applications filing date hereof, continuations, continuations-in-part, divisionals, reexaminations and reissue
including applications for organizations, and to perf	byself, my heirs, successors, assigns or other legal representatives to execute any and all papers, 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 cure thereto the rights herein sold, assigned and set over.
And I hereby represent and	d warrant that I have not granted any rights inconsistent with the rights granted herein.
I hereby acknowledge the or imprisonment of not mo	t any willful false statement made in this declaration is punishable under 18 U.S.C. 1001 by fine ore than five (5) years or both.
LEGAL NAME OF INVE	NTOR NTOR
Inventor: <u>Bernd Ste</u>	
Signature:	
	Sheet (PTO/SB/14 or equivalent), including naming the entire inventive entity, must accompany this form.

RECORDED: 07/18/2016

Attorney Docket Number	83684917	

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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.
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LEGAL NAME OF INVENTION FOR THE PROPERTY OF TH	
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lote: An Application Data Sheet (PTO/SB/14 or equivalent), including naming the entire inventive entity, must accompany this form. Ise an additional declaration form for each additional inventor.	