

## PATENT ASSIGNMENT COVER SHEET

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<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
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DEJAN KIENZLE	04/25/2013
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<b>Property Type</b>	<b>Number</b>
<b>Application Number:</b>	15355639
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<b>DATE SIGNED:</b>	05/15/2018
<b>Total Attachments: 3</b>	
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## ASSIGNMENT OF APPLICATION

For good and valuable consideration paid to each of the undersigned, the receipt and sufficiency of which is hereby acknowledged,

Name(s) Ganghua Ruan  
of Inventor(s) Dejan Kienzle  
\_\_\_\_\_  
\_\_\_\_\_

maker(s) of an invention which is the subject of an application for Letters Patent of the United States ("Application") entitled

Title of  
Application METHOD FOR ACTUATING A SPARK GAP

Date of signing of Application by each Inventor Which has been executed by the undersigned on \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_, and \_\_\_\_\_

Application Information For which an application for a United States Patent was filed March 12, 2013  
Application Serial Number: 13/796,627

the undersigned hereby sell(s), assign(s), and set(s) over to

Name of Assignee BorgWarner BERU Systems GmbH

Address of principal place of business Mörkestraße 155  
71636 Ludwigsburg, Germany

Insert State of Incorporation (if applicable) or "Not Applicable" a corporation of \_\_\_\_\_

(hereinafter designated as the Assignee) their entire right, title and interest in, to and under the Application, including all priority rights for other countries arising therefrom, all inventions therein disclosed, any and all Letters Patent of the United States and of all other countries, including Canada and Mexico, which may be granted for such inventions, or any of them, any divisional, continuation, continuation-in-part, or reissue applications corresponding to the Application or such Letters Patent, and any reexamination of the Application or such Letters Patent, and any foreign patents or patent applications corresponding thereto, and the right to sue for any infringements transpiring before Assignee acquired legal title, all such inventions and all rights in such Application and Letters Patent to be held and enjoyed by Assignee for its own use and enjoyment to the full end of the term or terms for which such Letters Patent may be granted, as fully and entirely as the same would have been held and enjoyed by them had this assignment and sale not been made.

The undersigned agree(s) to execute all papers necessary in connection with the application(s) in the United States and foreign countries and any continuing, divisional, or reissue applications thereof, and any reexamination of any of such applications, and also to execute separate assignments in connection with such applications as the Assignee may deem necessary or expedient.

The undersigned agree(s) to execute all papers necessary in connection with any interference which may be declared or litigation concerning the application(s) or continuation, division, reissue or reexamination thereof, and to cooperate with the Assignee in every way possible in obtaining evidence and going forward with such Interference or litigation.

The undersigned agree(s) to execute all papers and documents and perform any act which may be necessary in connection with claims or provisions of the International Convention for Protection of Industrial Property or similar agreements.

The undersigned agree(s) to do all other acts which, in the opinion of Assignee, may be necessary or desirable to secure the grant of Letters Patent to Assignee or its nominees, in the United States and in all other countries where Assignee may desire to have such inventions, or any of them, patented, with specifications and claims in such form as shall be approved by Assignee and to vest and confirm in Assignee or its nominees the full and complete legal and equitable title to all such Letters Patent.

The undersigned hereby authorize(s) and request(s) the Commissioner of Patents to issue any and all Letters Patent of the United States resulting from said application(s) or any division or continuing or reissue applications thereof, and any reexamination of any of such applications, to the said Assignee, as Assignee of the entire interest, and hereby covenants that the undersigned has full right to convey the interest herein assigned, and that the undersigned has not executed, and will not execute, any agreement in conflict herewith.

The undersigned hereby grant(s) the attorney of record the power to insert on this Assignment any further identification which may be necessary or desirable in order to comply with the rules of the United States Patent and Trademark Office for recordation of this document.

IN WITNESS WHEREOF, I have executed this assignment at Zuchwil, Switzerland  
this 25 day of April, 2013.

Outside the USA:  
Witnesses are  
required when  
acknowledgment  
before a Notary  
Public is not  
feasible.

[Signature]  
Witness  
\_\_\_\_\_  
Witness

[Signature]  
Inventor (Signature)  
Ganghua Ruan  
Typed Name

The undersigned agree(s) to execute all papers and documents and perform any act which may be necessary in connection with claims or provisions of the International Convention for Protection of Industrial Property or similar agreements.

The undersigned agree(s) to do all other acts which, in the opinion of Assignee, may be necessary or desirable to secure the grant of Letters Patent to Assignee or its nominees, in the United States and in all other countries where Assignee may desire to have such inventions, or any of them, patented, with specifications and claims in such form as shall be approved by Assignee and to vest and confirm in Assignee or its nominees the full and complete legal and equitable title to all such Letters Patent.

The undersigned hereby authorize(s) and request(s) the Commissioner of Patents to issue any and all Letters Patent of the United States resulting from said application(s) or any division or continuing or reissue applications thereof, and any reexamination of any of such applications, to the said Assignee, as Assignee of the entire interest, and hereby covenants that the undersigned has full right to convey the interest herein assigned, and that the undersigned has not executed, and will not execute, any agreement in conflict herewith.

The undersigned hereby grant(s) the attorney of record the power to insert on this Assignment any further identification which may be necessary or desirable in order to comply with the rules of the United States Patent and Trademark Office for recordation of this document.

IN WITNESS WHEREOF, I have executed this assignment at Zurich, Switzerland  
this 22 day of April, 2013.

Outside the USA:  
Witnesses are  
required when  
acknowledgment  
before a Notary  
Public is not  
feasible.

[Signature]  
Witness

\_\_\_\_\_  
Witness

X [Signature]  
Inventor (Signature)

Dejan Kienzie  
Typed Name

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