

## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1  
 Stylesheet Version v1.2

EPAS ID: PAT3332113

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT	
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT	
<b>CONVEYING PARTY DATA</b>		
	<b>Name</b>	<b>Execution Date</b>
	KEUN RYU	05/16/2013
<b>RECEIVING PARTY DATA</b>		
<b>Name:</b>	BORGWARNER INC	
<b>Street Address:</b>	3850 HAMLIN ROAD	
<b>City:</b>	AUBURN HILLS	
<b>State/Country:</b>	MICHIGAN	
<b>Postal Code:</b>	48326	
<b>PROPERTY NUMBERS Total: 1</b>		
<b>Property Type</b>	<b>Number</b>	
<b>Application Number:</b>	14432814	
<b>CORRESPONDENCE DATA</b>		
<b>Fax Number:</b>		
<i>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.</i>		
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<b>Email:</b>	yott@millercanfield.com	
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<b>Address Line 4:</b>	DETROIT, MICHIGAN 48226	
<b>ATTORNEY DOCKET NUMBER:</b>	DKT12116A (599)	
<b>NAME OF SUBMITTER:</b>	ROBIN ASHER	
<b>SIGNATURE:</b>	/robin asher/	
<b>DATE SIGNED:</b>	04/29/2015	
<b>Total Attachments: 2</b>		
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source=Assignment#page2.tif		

ASSIGNMENT

WHEREAS, Keun Ryu, a citizen of the Republic of Korea, whose postal address is Yongsan-E-Pyunhan-Sesang, 109-Dong, 705 Ho 48, Singye-Dong, Yongsan-gu, Seoul, 140-090, Republic of Korea, hereinafter referred to as Assignor, have invented a certain new and useful invention relating to:

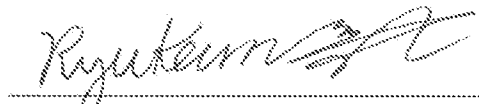
OIL-FREE TURBOCHARGER SUPPORTED ON COMPLAINT SURFACE CONICAL  
HYDRODYNAMIC GAS BEARINGS

for which a patent application was filed on October 17, 2012 in the United States Patent and Trademark Office as Serial No. 61/714,909

WHEREAS, BORGWARNER INC., a company incorporated under the laws of the State of Delaware and having a place of business at 3850 Hamlin Road, Auburn Hills, Michigan 48326, hereinafter referred to as Assignee, desires to acquire the entire and exclusive right, title, and interest in and to the invention;

NOW, THEREFORE, for good and valuable consideration, the receipt of which is hereby acknowledged, Assignor by these presents do sell, assign, and transfer to Assignee, its successors and assigns, the entire and exclusive right, title, and interest in and to the invention, all applications for Letters Patent, and all Letters Patents therefor in the United States and in all foreign countries, to be held and enjoyed by Assignee to the full end of the term for which the Letters Patent are granted and any extensions thereof, as fully and entirely as the same would have been held by Assignor had this assignment and sale not been made; and Assignor hereby covenant and agree to execute all instruments and documents required or requested by Assignee, or its duly authorized representative, for the making and prosecution of applications for Letters Patent therefor in the United States and in all foreign countries, for litigation regarding, or for the purpose of protecting title to the invention or Letters Patent therefor for the benefit of Assignee without further or other compensation than that set forth above; and Assignor hereby request the Commissioner of Patents and Trademarks to issue the Letters Patent of the United States to Assignee.

Executed at Seoul, Republic of Korea, this 16 day  
of May 2013.

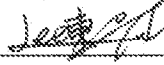
  
\_\_\_\_\_  
Keun Ryu

Statement by Witness

I, Dong Yun Lee, having a postal address  
of

Singye - Dong, Yongsan - gu, Seoul, Republic of Korea,  
was

personally present and did see Keun Ryu who is known to me, execute the above Assignment.

  
\_\_\_\_\_  
Signature of Witness