

## PATENT ASSIGNMENT COVER SHEET

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<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
MATTHEW KING	08/30/2016
JOHN R. ZAGONE	08/30/2016
<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>
Application Number:	15252728
<b>CORRESPONDENCE DATA</b>	
<b>Fax Number:</b>	(586)580-3362
<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>	
<b>Phone:</b>	586-596-9600
<b>Email:</b>	gclark@brooks.pro
<b>Correspondent Name:</b>	BROOKSGROUP
<b>Address Line 1:</b>	48685 HAYES
<b>Address Line 4:</b>	SHELBY TOWNSHIP, MICHIGAN 48315
<b>ATTORNEY DOCKET NUMBER:</b>	DKT16039 (0016.0049.001)
<b>NAME OF SUBMITTER:</b>	CARY W. BROOKS
<b>SIGNATURE:</b>	/Cary W. Brooks/
<b>DATE SIGNED:</b>	08/31/2016
<b>Total Attachments: 2</b>	
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**ASSIGNMENT**

WHEREAS, we, **MATTHEW KING** and **JOHN R. ZAGONE**, have invented certain new and useful improvements in

**VTG INTERNAL BY-PASS**

set forth in BorgWarner Docket No. DKT16039, and if a PCT and/or U.S. patent application has been filed, we authorize any practitioner associated with Customer Number 67424 to insert the application number(s) and filing date(s) of said application(s) here in parentheses ( 15/252,728 filed August 31, 2016 ).

WHEREAS, **BORGWARNER INC.**, a corporation duly organized and existing under and by virtue of 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, is desirous of acquiring the entire right, title and interest in and to said invention or inventions, and in, to and under Letters Patent therefore in the United States and all other countries.

NOW, THEREFORE, BE IT KNOWN THAT, for good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, we have sold, assigned, transferred and set over and by these presents do hereby sell, assign, transfer, and set over to and unto said ASSIGNEE, its successors and assigns, the entire right, title and interest in and to said invention or inventions, and in, to and under the above-identified application and all other applications for Letters Patent of the United States and for patents, utility models and other industrial property in all other countries for the above-entitled invention or inventions, including any and all priority rights or dates pursuant to the provisions of any International Convention for the protection of industrial property; and in, to and under all Letters Patent that may be issued for said invention or inventions in the United States and all other countries, and in, to and under all divisions, reissues, continuations and extensions thereof to the extent that we are inventors of such inventions and covenant that we have the full right so to do; and we hereby authorize and request the Commissioner of Patents to issue all United States Letters Patent on the invention or inventions included herein to said ASSIGNEE, as assignee of the entire interest, and we authorize said ASSIGNEE to file applications for patents, utility models and other industrial property based on said invention or inventions in ASSIGNEE'S name and to claim the above-identified priority rights or dates.


We further agree that we will communicate to said ASSIGNEE or its representatives or agents all facts and information known or available to us respecting said invention or inventions, including evidence for interference purposes or for other legal proceedings, whenever


DKT16039 (0016.0049.001)

requested; testify in any interference or other legal proceedings; execute and deliver, on request, all lawful papers including original, divisional continuing and reissue applications, renewals, assignments, powers of attorney, oaths, affidavits, depositions, etc., and generally do everything possible to aid said ASSIGNEE, its successors and assigns, but at the expense of ASSIGNEE, in obtaining and enforcing proper protection for said invention or inventions, in the United States and all other countries.

8/31/2016  
Date

30 AUG 2016  
Date

  
MATTHEW KING

  
JOHN R. ZAGONE