

## 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>
SHAWN BLACKMUR	12/18/2018
CHAD MCCLOY	12/19/2018
<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:	16719580
<b>CORRESPONDENCE DATA</b>	
<b>Fax Number:</b>	(248)689-4071
<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>	2486893500
<b>Email:</b>	carney@reising.com
<b>Correspondent Name:</b>	REISING ETHINGTON P.C.
<b>Address Line 1:</b>	755 WEST BIG BEAVER ROAD, SUITE 1850
<b>Address Line 4:</b>	TROY, MICHIGAN 48084
<b>ATTORNEY DOCKET NUMBER:</b>	DKT18144A (8563.3072.002)
<b>NAME OF SUBMITTER:</b>	E. COLIN CICOTTE
<b>SIGNATURE:</b>	/E. Colin Cicotte/
<b>DATE SIGNED:</b>	12/19/2019
<b>Total Attachments: 2</b>	
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Attorney Docket No. DKT18144

### PATENT APPLICATION ASSIGNMENT

WHEREAS, we, Shawn Blackmur and Chad McCloy have invented certain new and useful improvements in  
OLDHAM FLEXPLATE FOR CONCENTRIC CAMSHAFTS CONTROLLED BY VARIABLE CAMSHAFT TIMING  
set forth in BorgWarner Docket No. DKT18144, (when filed, we authorize any patent practitioner associated with  
Customer No. 125024 to insert the application number and filing date here when known), Serial Number  
62/781,895, which was filed on December 19, 2018; and

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 Letter 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 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 representative or agents all facts and information  
known or available to us respecting said invention or inventions, including evidence for interference purposes or for  
interference purposes or for other legal proceedings, whenever 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.

CHAD McCLOY  
Legal Name of Inventor

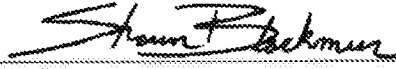
US  
Citizenship

Chad McCloy  
Signature

19 DEC 2018  
Date

Shawn Blackmur

Legal Name of Inventor



Signature

December 20th, 2018

Date

USA

Citizenship