

## PATENT ASSIGNMENT

Electronic Version v1.1

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SUBMISSION TYPE:	NEW ASSIGNMENT						
NATURE OF CONVEYANCE:	ASSIGNMENT						
CONVEYING PARTY DATA							
<table border="1"> <thead> <tr> <th>Name</th> <th>Execution Date</th> </tr> </thead> <tbody> <tr> <td>Jason Bares</td> <td>08/06/2013</td> </tr> <tr> <td>Robert C. Lam</td> <td>08/07/2013</td> </tr> </tbody> </table>		Name	Execution Date	Jason Bares	08/06/2013	Robert C. Lam	08/07/2013
Name	Execution Date						
Jason Bares	08/06/2013						
Robert C. Lam	08/07/2013						
RECEIVING PARTY DATA							
Name:	BorgWarner Inc.						
Street Address:	3850 Hamlin Road						
City:	Auburn Hills						
State/Country:	MICHIGAN						
Postal Code:	48326						
PROPERTY NUMBERS Total: 1							
<table border="1"> <thead> <tr> <th>Property Type</th> <th>Number</th> </tr> </thead> <tbody> <tr> <td>Application Number:</td> <td>13953235</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	13953235		
Property Type	Number						
Application Number:	13953235						
CORRESPONDENCE DATA							
Fax Number:							
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>							
Phone:	586-596-9600						
Email:	gclark@brooks.pro						
Correspondent Name:	BrooksGroup						
Address Line 1:	48685 Hayes						
Address Line 4:	Shelby Township, MICHIGAN 48315						
ATTORNEY DOCKET NUMBER:	DKT13031 (0309.4190.901)						
NAME OF SUBMITTER:	Cary W. Brooks						
Signature:	/Cary W. Brooks/						
Date:	08/21/2013						
Total Attachments: 2 source=DKT13031_Assignment#page1.tif source=DKT13031_Assignment#page2.tif							

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ASSIGNMENT

WHEREAS, we, JASON BARES and ROBERT C. LAM, have invented certain new and useful improvements in

**FRICITION MATERIAL**

set forth in BorgWarner Docket No. DKT13031, and as set forth in U.S. Application Serial No. 13/953,235 filed July 29, 2013, 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 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 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

DKT13031 (0309.4190.901)

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.

8-6-13  
Date

*Jason Bares*  
JASON BARES

AUG. 7, 2013  
Date

*Robert C. Lam*  
ROBERT C. LAM