

PATENT ASSIGNMENT

Electronic Version v1.1
 Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT						
NATURE OF CONVEYANCE:	ASSIGNMENT						
CONVEYING PARTY DATA							
<table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th style="width:70%;">Name</th> <th>Execution Date</th> </tr> </thead> <tbody> <tr> <td>David B. Roth</td> <td>06/18/2007</td> </tr> <tr> <td>Braman Wing</td> <td>06/18/2007</td> </tr> </tbody> </table>		Name	Execution Date	David B. Roth	06/18/2007	Braman Wing	06/18/2007
Name	Execution Date						
David B. Roth	06/18/2007						
Braman Wing	06/18/2007						
RECEIVING PARTY DATA							
Name:	BorgWarner Inc.						
Street Address:	3850 Hamlin Road						
City:	Auburn Hills						
State/Country:	MICHIGAN						
Postal Code:	48326						
PROPERTY NUMBERS Total: 2							
<table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th style="width:30%;">Property Type</th> <th>Number</th> </tr> </thead> <tbody> <tr> <td>PCT Number:</td> <td>US0602085</td> </tr> <tr> <td>Application Number:</td> <td>60644789</td> </tr> </tbody> </table>		Property Type	Number	PCT Number:	US0602085	Application Number:	60644789
Property Type	Number						
PCT Number:	US0602085						
Application Number:	60644789						
CORRESPONDENCE DATA							
Fax Number:	(607)256-3628						
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>							
Phone:	607-256-2000						
Email:	lwood@bpmlegal.com						
Correspondent Name:	BorgWarner Inc.						
Address Line 1:	c/o Brown & Michaels, PC						
Address Line 2:	400 M&T Bank Bldg., 118 N. Tioga St.						
Address Line 4:	Ithaca, NEW YORK 14850						
ATTORNEY DOCKET NUMBER:	BW.DKT04088A						
NAME OF SUBMITTER:	Lynda Wood						
Total Attachments: 1 source=ASSIGNMENT#page1.tif							

CH \$80.00 US0602085

PATENT

ASSIGNMENT AND AGREEMENT


For value received, I, David B. Roth, of Groton in the State of New York and Braman Wing, of Interlaken in the State of New York, their successors an assigns (hereinafter the "ASSIGNOR") hereby sell, assign and transfer to BorgWarner Inc., a Corporation of Delaware, having a place of business at 3850 Hamlin Road, Auburn Hills, MI 48326, and its successors, assigns and legal representatives (hereinafter referred to as the "ASSIGNEE"), the entire right, title and interest, for the United States of America and its territorial possessions, and in all foreign countries, including all rights to claim priority, in and to any and all improvements which are disclosed in the invention entitled "VALVE EVENT REDUCTION THROUGH OPERATION OF A FAST-ACTING CAMSHAFT PHASER" described in a provisional application for Letters Patent of the United States, serial number 60/644,789, filed January 18, 2005, and all the rights and privileges in said application(s) and under any and all Letters Patent that may be granted in the United States for said inventions, as well as PCT Application PCT/US06/02085, entitled "VALVE EVENT REDUCTION THROUGH OPERATION OF A FAST-ACTING CAMSHAFT PHASER" which was filed January 18, 2006, claims priority from the aforesaid US provisional application and all rights and privileges and is said application and any national application which may be filed based on said PCT application and under any and all Letters Patent that may be granted in any country for said invention; and ASSIGNOR also concurrently hereby sells, assigns and transfers to ASSIGNEE the entire right, title and interest in and to said inventions for all countries foreign to the United States, including all rights of priority arising from the application aforesaid, and all the rights and privileges under any and all forms of protection, including Letters Patent, that may be granted in said countries foreign to the United States for said inventions.

ASSIGNOR authorize ASSIGNEE to make application for such protection in its own name and maintain such protection in any and all countries foreign to the United States, and to invoke and claim for any application for patent or other form of protection for said inventions any and all benefits, including the right of priority provided by any and all treaties, conventions, or agreements.

ASSIGNOR hereby consent that a copy of this assignment shall be deemed a full legal and formal equivalent of any document which may be required in any country in proof of the right of Assignee to apply for patent or other form of protection for said inventions and to claim the aforesaid benefit of the right of priority.

ASSIGNOR request that any and all patents for said inventions be issued to ASSIGNEE in the United States and in all countries foreign to the United States or to such nominees as ASSIGNEE may designate.

ASSIGNOR agrees that, when requested, I shall, without charge to ASSIGNEE, but at its expense, sign all papers, and do all acts which may be necessary, desirable or convenient in connection with said applications, patents, or other forms of protection.


David B. Roth

6-18-07
Date:


Braman Wing

6/18/2007
Date:

PATENT