

# PATENT ASSIGNMENT

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
Christopher J. Pluta	07/15/2008
Mark M. Wigsten	07/15/2008
Steven W. Wyatt	07/15/2008
RECEIVING PARTY DATA	
Name:	BorgWarner Inc.
Street Address:	3850 Hamlin Road
City:	Auburn Hills
State/Country:	MICHIGAN
Postal Code:	48326
PROPERTY NUMBERS Total: 3	
Property Type	Number
Application Number:	60947470
Application Number:	61041663
PCT Number:	US0866862
CORRESPONDENCE DATA	
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Address Line 4:	Ithaca, NEW YORK 14850
ATTORNEY DOCKET NUMBER:	BW.DKT07030B
NAME OF SUBMITTER:	Lynda Wood

CH \$120.00 60947470

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**PATENT**  
**REEL: 021244 FRAME: 0776**

Total Attachments: 2

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**US Provisional Appln.: 60/947,470 and US Provisional Appln.: 61/041,663  
PCT Application (PCT/US2008/066862)**

**ASSIGNMENT AND AGREEMENT**

For value received, I, Christopher J. Pluta, of Ithaca in the State of New York, Mark M. Wigsten, of Lansing in the State of New York and Steven W. Wyatt, of Ithaca 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 inventions entitled "CONCENTRIC CAM WITH CHECK VALVES IN THE SPOOL FOR A PHASER" described in a provisional application for Letters Patent of the United States, serial number 60/947,470, filed July 2, 2007, and "CONCENTRIC CAM WITH CHECK VALVES IN THE SPOOL FOR A PHASER" described in a provisional application for Letters Patent of the United States, serial number 61/041,663, filed April 2, 2008, 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/US2008/066862, entitled "CONCENTRIC CAM WITH CHECK VALVES IN THE SPOOL FOR A PHASER", which was filed June 13, 2008, that claims priority from both of the aforesaid US provisional applications and all rights and privileges and in said applications and any national applications 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.

Christopher J. Pluta  
Christopher J. Pluta

15 July 2008  
Date:

Mark M. Wigsten  
Mark M. Wigsten

July 15, 2008  
Date:

Steven W. Wyatt  
Steven W. Wyatt

15 JULY 08  
Date: