

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
 Stylesheet Version v1.2

EPAS ID: PAT2610858

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
MARK WIGSTEN	10/14/2011
RECEIVING PARTY DATA	
Name:	BorgWarner Inc.
Street Address:	3850 Hamlin Road
City:	Auburn Hills
State/Country:	MICHIGAN
Postal Code:	48326
PROPERTY NUMBERS Total: 2	
Property Type	Number
Application Number:	61547390
PCT Number:	US2012052018
CORRESPONDENCE DATA	
Fax Number:	
Phone:	248-978-0178
Email:	Helmholdt@HelmholdtLaw.com
<i>Correspondence will be sent via US Mail when the email attempt is unsuccessful.</i>	
Correspondent Name:	HELMHOLDT LAW PLC
Address Line 1:	3408 GREENSPRING LANE
Address Line 4:	ROCHESTER HILLS, MICHIGAN 48309-2723
ATTORNEY DOCKET NUMBER:	DKT11086/DKT11138
NAME OF SUBMITTER:	THOMAS D. HELMHOLDT
Signature:	/Thomas D. Helmholdt/
Date:	11/12/2013
Total Attachments: 2 source=DKT11138_Assignment_Signed_Printed#page1.tif source=DKT11138_Assignment_Signed_Printed#page2.tif	

CH \$80.00 61547390

ASSIGNMENT

WHEREAS, I, Mark Wigsten of 190 Buck Road, Lansing, NY 14882, have invented a

**SHARED OIL PASSAGES AND/OR CONTROL VALVE
FOR ONE OR MORE CAM PHASERS**

for which I am about to make provisional application in the United States of America under 35 U.S.C. 111(b), our Attorney's Docket No. DKT11138; and

WHEREAS, BorgWarner Inc., a corporation of the State of Delaware, having its principal place of business at 3850 Hamlin Road, Auburn Hills, MI 48326, desires to acquire the entire right, title and interest in and to said invention.


NOW, THEREFORE, for and in consideration of the sum of One Dollar (\$1.00) and other good and valuable considerations, receipt whereof is hereby acknowledged, I, by these presents do sell, assign, and transfer unto said corporation, its successors and assigns, all right, title and interest in the United States of America and all foreign countries in and to said invention as described in the provisional patent application identified in the Power of Attorney executed by me on the 14th day of October, 2011, and I hereby authorize my attorneys, authorized to prosecute said application, to here insert the filing date and serial number of said application, as soon as it is known, Serial No. 61/547,390, filed October 14, 2011, and to any improvements on said invention heretofore or hereafter made while I am in the employ of said corporation, and all Patents, United States and foreign, granted upon any applications based on or claiming priority of said provisional application thereof or for the inventions described therein, and any reexaminations, reissues or extensions of said Patents; and I hereby authorize and request the Commissioner of Patents and Trademarks to issue all Patents on said United States applications to said corporation as assignee thereof.

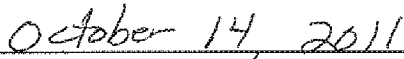
FOR SAID CONSIDERATIONS, I hereby covenant and agree that I am the owner of the full title herein assigned and have the right to assign the same, and agree that I will communicate to said corporation or its representatives, any facts known to me respecting said invention or inventions and testify in any legal proceedings relating thereto when called upon, and, on behalf of myself and my legal representatives and successors, will sign all instruments and documents and render such assistance which in the judgment of said corporation is necessary to vest in it and protect the legal title sought to be assigned, including, but not limited to, the execution of a declaration for an application filed under 35 U.S.C. 111(a) based on or claiming priority of said provisional application.

I authorize and empower the assignee, its successors, assigns and legal representatives or nominees, to invoke and claim for any application for patent or other form of protection for the inventions filed by it or them, the benefit of the right of priority provided by the International Convention for the Protection of Industrial Property, as amended, or by any convention which may henceforth be substituted for it, and to invoke and claim such right of priority without further written or oral authorization from me.

I hereby consent that a copy of this assignment shall be deemed a full legal and formal equivalent of any assignment, consent to file or like document which may be required in any country for any purpose and more particularly in proof of the right of the assignee or nominee to claim the aforesaid benefit of the right of priority provided by the International Convention for the Protection of Industrial Property, as amended, or by any convention which may henceforth be substituted for it.

I covenant with the assignee, its successors, assigns and legal representatives, that the rights and property herein conveyed are free and clear of any incumbrance, and that I have full right to convey the same as herein expressed.


Signature: Mark Wigsten


Dated: