

**PATENT ASSIGNMENT**

Electronic Version v1.1  
 Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
Name	Execution Date
Paul Douglas Freen	08/03/2009
<b>RECEIVING PARTY DATA</b>	
Name:	BorgWarner, Inc.
Street Address:	3850 Hamlin Road
City:	Auburn Hills
State/Country:	MICHIGAN
Postal Code:	48326
<b>PROPERTY NUMBERS Total: 3</b>	
Property Type	Number
Application Number:	61135843
Application Number:	61210278
PCT Number:	US0951537
<b>CORRESPONDENCE DATA</b>	
Fax Number:	(877)769-7945
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>	
Phone:	617.542.5070
Email:	vma@fr.com
Correspondent Name:	J.P. Mello
Address Line 1:	P.O. Box 1022
Address Line 2:	Fish & Richardson P.C.
Address Line 4:	Minneapolis, MINNESOTA 55440
ATTORNEY DOCKET NUMBER:	21042-0011WO1
NAME OF SUBMITTER:	J.P. Mello
Total Attachments: 2	

**CH \$120.00 61135843**

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**PATENT  
 REEL: 023093 FRAME: 0988**

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ASSIGNMENT

For valuable consideration, I,

PAUL DOUGLAS FREEN of 3835 Lost Tree Court, Titusville, FL 32796;

hereby assign to

BORGWARNER, INC., a Delaware corporation having a place of business at  
3850 Hamlin Road, Auburn Hills, Michigan, 48326,

and its successors and assigns (collectively hereinafter called "the Assignee"), the entire right, title and interest throughout the world in the inventions and improvements which are subject of a PCT application entitled IGNITING COMBUSTIBLE MIXTURES, filed July 23, 2009, and assigned PCT Serial Number PCT/US2009/051537, claiming priority to US provisional application Serial Nos. 61/135,843 filed on July 23, 2008 and 61/210,278 filed on March 16, 2009, this assignment including said applications, any and all United States and foreign patents, utility models, and design registrations granted for any of said inventions or improvements, and the right to claim priority based on the filing date of said application under all treaties; and I hereby confirm my prior authorization of the Assignee, as of July 23, 2009, to apply in all countries in my name or in its own name for patents, utility models, design registrations and like rights of exclusion and for inventors' certificates for said inventions and improvements; and I agree for myself and my respective heirs, legal representatives and assigns, without further compensation to perform such lawful acts and to sign such further applications, assignments, Preliminary Statements and other lawful documents as the Assignee may reasonably request to effectuate fully this assignment.

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IN WITNESS WHEREOF, I hereto set my hand and seal at 2600 Bernalda  
this 3 day of Aug, 20 08

Paul D. Freen  
PAUL DOUGLAS FREEN

State of Florida :

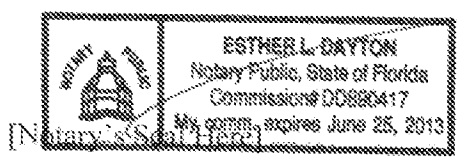
: ss.

County of Brevard :

Before me this 3 day of Aug, 20 08, personally appeared PAUL DOUGLAS FREEN known to me to be the person whose name is subscribed to the foregoing Assignment and acknowledged that he executed the same as his free act and deed for the purposes therein contained.

Esther L. Dryton

Notary Public  
My Commission Expires:



Florida District Court