

PATENT ASSIGNMENT COVER SHEET

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 Stylesheet Version v1.2

EPAS ID: PAT4779150

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
PAUL FREEMANTLE	10/25/2017
KEITH B. COBB	10/25/2017
GLENN E. SWANSON	10/25/2017
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:	62436546
Application Number:	15846435
CORRESPONDENCE DATA	
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<i>Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent using a fax number, if provided; if that is unsuccessful, it will be sent via US Mail.</i>	
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NAME OF SUBMITTER:	LYNDA WOOD
SIGNATURE:	/Lynda Wood, Reg.#53791/
DATE SIGNED:	01/17/2018
Total Attachments: 2	
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COMBINED ASSIGNMENT AND DECLARATION

For value received, I, I, Paul Freemantle, of Lansing, in the State of New York, I, Keith B. Cobb, of Cortland, in the State of New York and I, Glenn E. Swanson, of Lansing, in the State of New York, 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, in and to certain inventions related to the "CONTROL OF HYDRAULIC TENSIONER TUNING USING HOLE SIZE IN PISTON NOSE" described in an application for Letters Patent of the United States, executed by me of even date here with, and all the rights and privileges in said application and under any and all Letters Patent that may be granted in the United States for said inventions.

I also concurrently hereby sell, assign and transfer 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.

I authorize Assignee to make application for such protection in its own name and maintain such protection, and to invoke and claim for any application for patent or other form of protection for said inventions, without further authorization from me, any and all benefits, including the right of priority provided by any and all treaties, conventions, or agreements. I request that any and all patents for said inventions be issued to Assignee, or to such nominees as Assignee may designate.

I 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.

I agree 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.

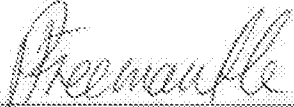
I hereby declare that:

- My residence and mailing address are as stated below next to my name.
- The above-identified application was made or authorized to be made by me.
- I believe that I am an original inventor or joint inventor of the subject matter which is claimed in the above-identified application.
- I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendment specifically referred to above.
- I acknowledge the duty to disclose information which is material to patentability as defined in 37 CFR 1.56, including for continuation-in-part applications, material information which became available

between the filing date of the prior application and the national or PCT international filing date of the continuation-in-part application.

- I hereby acknowledge that any willful false statement made in this declaration is punishable under Section 1001 of Title 18 of the United States Code by fine or imprisonment of not more than five (5) years, or both.

Inventor:

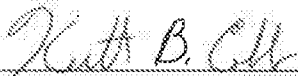


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25 Oct 2107

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