

PATENT ASSIGNMENT COVER SHEET

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| SUBMISSION TYPE: | NEW ASSIGNMENT |
| NATURE OF CONVEYANCE: | ASSIGNMENT |
| CONVEYING PARTY DATA | |
| Name | Execution Date |
| STEPHANIE SANTORO | 04/25/2012 |
| RECEIVING PARTY DATA | |
| Name: | BORGWARNER INC. |
| Street Address: | 3850 HAMLIN ROAD |
| City: | AUBURN HILLS |
| State/Country: | MICHIGAN |
| Postal Code: | 48326 |
| PROPERTY NUMBERS Total: 1 | |
| Property Type | Number |
| Application Number: | 14395528 |
| 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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| ATTORNEY DOCKET NUMBER: | 087142-8015.US01 |
| NAME OF SUBMITTER: | JANET NEWMAKER |
| SIGNATURE: | /Janet Newmaker/ |
| DATE SIGNED: | 01/27/2016 |
| Total Attachments: 2 | |
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ASSIGNMENT

WHEREAS, I, Stephanie Santoro, have made a certain new and useful invention relating to a TURBINE HUB WITH SURFACE DISCONTINUITY AND TURBOCHARGER INCORPORATING THE SAME, for which I have made application for Letters Patent of the United States, said application being identified as Attorney Docket No. DKT12030 (79422.0015) and United States Patent Application Serial No. 61/637,056, filed April 23, 2012;

WHEREAS, BorgWarner Inc. (hereinafter "Assignee"), a corporation of Delaware, having a place of business at 3850 Hamlin Road, Auburn Hills, MI 48326, is desirous of acquiring the entire interest in and to said invention, said application, and any Letters Patent to be obtained therefor;

NOW THEREFORE, for valuable consideration, receipt and adequacy of which is hereby acknowledged, I have sold, assigned, and set over, and do hereby sell, assign, and set over, unto the Assignee and said Assignee's legal representatives, successors, and assigns, the entire right, title, and interest in and to said invention, said application, and the Letters Patent, both foreign and domestic, that may or shall issue thereon including all original, divisional, continuation, continuation-in-part, reissue, certificate of reexamination, and related applications and I do hereby authorize and request the Commissioner of Patents and Trademarks to issue said Letters Patent to the above-mentioned Assignee, consistent with the terms of this Assignment.

UPON SAID CONSIDERATION, I do hereby covenant and agree with the said Assignee that I will not execute any writing or do any act whatsoever conflicting with these presents, and that I will, at any time upon request, without further or additional consideration,

but at the expense of the said Assignee, execute such additional assignments and other writings and do such additional acts as said Assignee may deem necessary or desirable to perfect the Assignee's enjoyment of this grant, and render all necessary assistance in making application for and obtaining original, divisional, continuation, continuation-in-part, renewal, continuing, reissued or extended Letters Patent of the United States, or of any and all foreign countries, on said invention, and in enforcing any rights or chose in action accruing as a result of such applications or patents, by giving testimony in any proceedings or transactions involving such applications or patents, and by executing preliminary statements and other affidavits, it being understood that the foregoing covenant and agreement shall bind, and inure to the benefit of, the assigns and legal representatives of both parties.

IN WITNESS WHEREOF, and having read this entire document including all prior pages, I have hereunto set my hand and affixed my seal on the date hereinafter set forth.

Date: 4/25/12

Stephanie L. Santoro
Stephanie Santoro

STATE OF North Carolina
COUNTY OF Buncombe) ss.

Before me, a Notary Public in and for the said County and State, appeared Stephanie Santoro, known to be the person whose name is subscribed to the foregoing instrument, and acknowledged to me that he executed the same for the purposes and consideration therein expressed.

Given under my hand and seal of office this 25 day of April, 2012.

My commission expires: May 2nd 2014

(SEAL)

Mary W. Hopkins
Notary Public

Black Mountain, NC
Address

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