# 504877272 04/19/2018

# PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:NEW ASSIGNMENTNATURE OF CONVEYANCE:ASSIGNMENT

#### **CONVEYING PARTY DATA**

| Name                     | Execution Date |
|--------------------------|----------------|
| MICHAEL WILHELM SCHAEFER | 04/19/2018     |
| HANS JUERGEN HAUCK       | 04/19/2018     |

### **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    |
|---------------|-----------|
| PCT Number:   | US1515587 |

### **CORRESPONDENCE DATA**

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| ATTORNEY DOCKET NUMBER: DKT14033A [8235.3031.002] |                |  |
|---|----------------|--|
| NAME OF SUBMITTER:                                | JIMMY SCHAUB   |  |
| SIGNATURE:  | /Jimmy Schaub/ |  |
| DATE SIGNED:                                      | 04/19/2018     |  |

**Total Attachments: 2** 

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PATENT 504877272 REEL: 045591 FRAME: 0781

Attorney Docket No. DKT14033A

#### PATENT APPLICATION ASSIGNMENT

WHEREAS, we, Michael Wilhelm SCHAEFER and Hans Juergen HAUCK have invented certain new and useful improvements in

DRIVETRAIN FOR A MOTOR VEHICLE, AND METHOD FOR OPERATING A DRIVETRAIN OF SAID TYPE set forth in BorgWarner Docket No. DKT14033A, (when filed, we authorize any patent practitioner associated with Customer No. 125024 to insert the application numbers and filing dates here when known), Serial Number PCT/US15/15587, which was filed on February 12, 2015; and

WHEREAS, BORGWARNER, INC., a corporation duly organized and existing under and by virtue of the laws of the State of Delaware, and having a place of business at 3850 Hamlin Road, Auburn Hills, Michigan 48326, hereinafter referred to as ASSIGNEE, is desirous of acquiring the entire right, title and interest in and to said invention or inventions, and in, to and under Letter Patent therefore in the United States and all other countries.

NOW, THEREFORE, BE IT KNOWN THAT, for good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, we have sold, assigned, transferred and set over to and unto said ASSIGNEE, its successors and assigns, the entire right, title and interest in and to said invention or inventions, and in, to and under the above-identified application and all other applications for Letters patent of the United States and for patents, utility models and other industrial property in all other countries for the above-entitled invention or inventions, including any and all priority rights or dates pursuant to the provisions of any International Convention for the protection of Industrial property; and in, to and under all Letters Patent that may be issued for said invention or inventions in the United States and all other countries, and in, to and under all divisions, reissues, continuations and extensions thereof to the extent that we are inventors of such inventions and covenant that we have the full right so to do; and we hereby authorize and request the Commissioner of Patents to issue all United States Letters Patent on the invention or inventions Included herein to said ASSIGNEE, as assignee of the entire interest, and we authorize said ASSIGNEE to file applications for patents, utility models and other industrial property based on said invention or inventions in ASSIGNEE'S name and to claim the above-identified priority rights or dates.

We further agree that we will communicate to said ASSIGNEE or its representative or agents all facts and information known or available to us respecting said invention or inventions, including evidence for interference purposes or for interference purposes or for other legal proceedings, whenever requested; testify in any interference or other legal proceedings; execute and deliver, on request, all lawful papers including original, divisional continuing and reissue applications, renewals, assignments, powers of attorney, oaths, affidavits, depositions, etc., and generally do everything possible to aid said ASSIGNEE, its successors and assigns, but at the expense of ASSIGNEE, in obtaining and enforcing proper protection for said invention or inventions, in the United States and all other countries.

| Schaefer Michael       | german      |
|------------------------|-------------|
| Legal Name of Inventor | Citizenship |
| M. Scrot               |             |
| Signature              |             |
| 19.4.2018              |             |
| Date                   |             |

PATENT REEL: 045591 FRAME: 0782

| Hauck Hans Juergen     | germai      | 7     |
|------------------------|-------------|-------|
| Legal Name of Inventor | Citizenship | iconn |
| Signature /            |             |       |
| 1700/ 19th 2018        |             |       |