

## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1  
 Stylesheet Version v1.2

EPAS ID: PAT4611251

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
KRISTOFFER NILSSON	08/15/2015
HENRIK NILSSON	06/02/2015
GUSTAF LAGUNOFF	05/20/2015
MIKAEL TIAINEN	06/02/2015
JOHAN NILSSON	06/16/2015
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	BORGWARNER TORQTRANSFER SYSTEMS AB
<b>Street Address:</b>	P. O. BOX 505
<b>City:</b>	LANDSKRONA
<b>State/Country:</b>	SWEDEN
<b>Postal Code:</b>	261 24
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
<b>Application Number:</b>	15512239
<b>CORRESPONDENCE DATA</b>	
<b>Fax Number:</b>	
<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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<b>ATTORNEY DOCKET NUMBER:</b>	0001.0029.001
<b>NAME OF SUBMITTER:</b>	CARY W. BROOKS
<b>SIGNATURE:</b>	/Cary W. Brooks/
<b>DATE SIGNED:</b>	09/26/2017
<b>Total Attachments: 9</b>	
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source=0001\_0029\_001\_Assignment#page9.tif

## ASSIGNMENT

For good and valuable consideration, the receipt of which is hereby acknowledged, the undersigned:

Inventor Name (Assignor):	Address:
Kristoffer Nilsson	Gråsparvsvägen 180 SE-227 31 LUND Sweden
Henrik Nilsson	Bäckavägen 8 SE-241 30 ESLÖV Sweden
Gustaf Lagunoff	Bölevägen 19b SE-904 31 UMEÅ Sweden

hereby sell(s) and assign(s) to BorgWarner TorqTransfer Systems AB (the "Assignee"), a company of Sweden (country) having a place of business at P.O. Box 505, 261 24 LANDSKRONA (address), its successors and assigns, the entire worldwide right, title and interest, so far as concerns Sweden and all foreign countries, in and to:

i) the invention(s) and/or improvement(s) entitled:

A TORQUE VECTORING DEVICE

for which a patent application or any other application for intellectual property protection is to be filed, or is filed concurrently herewith, or was filed under application number 1451106-7 on September 19, 2014.

ii) said patent application;

iii) any and all provisional patent applications on which priority is claimed, including national/regional/international patent application number \_\_\_\_\_ filed on \_\_\_\_\_.

iv) any and all related patent application(s) in Sweden or a country foreign thereto, including continuations, continuations-in-part, divisionals, conversions, renewals, substitutes, reissues, reexaminations, extensions, non-provisional applications, convention, International (e.g., Patent Cooperation Treaty (PCT)), regional (e.g., European Patent (EP) applications) and other applications based in whole or in part upon said invention(s) or upon said application(s);

- v) any and all Letters Patent, renewals, reissues, reexamination certificates and extensions of Letters Patent granted for said invention(s) or upon said application(s); and
- vi) every priority right that is or may be predicated upon or arise from said invention(s), said application(s) and said Letters Patent.

I/We additionally authorize the Assignee to file patent applications in my/our name, or in its own name, for Letters Patent in any country (by international convention, treaty or otherwise), to be held and enjoyed by the Assignee, its successors and assigns, to the full end of the term or terms for which Letters Patent respectively may be granted, reissued, reexamined or extended, as fully and entirely as the same would have been held and enjoyed by me/us had this Assignment and transfer not been made.

I/We also appoint the Assignee as my/our common representative to represent me/us before all the competent national/regional/international authorities in connection with any and all national/regional/international applications.

I/We hereby authorize the Commissioner of Patents and Trademarks in Sweden and the empowered officials of all other governments and regional authorities (European Patent Office (EPO) and others) to issue or transfer all said Letters Patent to the Assignee in accordance herewith.

I/We hereby covenant that I/we have the full right to convey the entire interests herein assigned, and that I/we have not executed and will not execute any agreement in conflict herewith and that such assigned rights are not encumbered by any grant, license or other right previously given.

I/We agree that each time a request is made, and without undue delay, I/we will execute and deliver all such papers as may be necessary or desirable to perfect the title in and to the invention(s), said application(s) and said Letters Patent, to the Assignee, its successors or assigns.

I/We agree, without undue delay, to undertake all reasonable acts to assure that said invention(s), patent application(s) and Letters Patent shall be held and enjoyed by the Assignee as fully and entirely as the same could have been held and enjoyed by the undersigned if this assignment had not been made, and particularly: to execute and deliver to the Assignee all lawful documents including petitions, specifications, oaths, declarations, powers of attorney, assignments, invention disclaimers and lawful affidavits in form and substance which may be requested by the Assignee; to furnish the Assignee with all facts relating to said invention(s) or the history thereof and any and all documents, photographs, models, samples or other physical exhibits which may be useful for establishing the facts of conception, disclosure and reduction to practice of said invention(s); and to testify in any proceedings relating to said invention(s), patent application(s) and Letters Patent. The Assignors thus undertake to sign all documents necessary for obtaining a patent and, moreover, all such documents, which may be required to assert the rights transferred hereby.

If the Assignors are prevented by any obstacles from signing said documents in person, this document of assignment shall be valid as a Power of Attorney for the Assignee to sign, these documents on behalf of the Assignors or, in the event of the death of the latter, the estate thereof.

I/We hereby sell, assign and transfer unto the Assignee the authority to revoke power(s) of attorney executed by me/us in connection with this application and to appoint a new power of attorney in place thereof.

**ASSIGNOR**Place and date: Lund 2015-08-15Signature: [Signature]Name: Kristoffer Nilsson**ASSIGNOR**

Place and date: \_\_\_\_\_

Signature: \_\_\_\_\_

Name: Henrik Nilsson**ASSIGNOR**

Place and date: \_\_\_\_\_

Signature: \_\_\_\_\_

Name: Gustaf Lagunoff**ASSIGNOR**

Place and date: \_\_\_\_\_

Signature: \_\_\_\_\_

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**ASSIGNOR**

Place and date: \_\_\_\_\_

Signature: \_\_\_\_\_

Name: \_\_\_\_\_

**ASSIGNEE**, hereby accepts the assignment of the abovementioned patent(s) and/or patent application(s), and/or intellectual property rights.

BorgWarner TorqTransfer Systems ABPlace and date: Lund 2015-08-15By (signature): [Signature]Name: Hans EngströmPosition: R&D Director

## ASSIGNMENT

For good and valuable consideration, the receipt of which is hereby acknowledged, the undersigned:

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Henrik Nilsson	Bäckavägen 8 SE-241 30 ESLÖV Sweden
Gustaf Lagunoff	Bölevägen 19b SE-904 31 UMEÅ Sweden

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**ASSIGNOR**

Place and date: \_\_\_\_\_

Signature: \_\_\_\_\_

Name: Kristoffer Nilsson**ASSIGNOR**Place and date: Landskrona 2015-06-02Signature: [Signature]Name: Henrik Nilsson**ASSIGNOR**Place and date: Umeå, 2015-05-20Signature: [Signature]Name: Gustaf Lagunoff**ASSIGNOR**

Place and date: \_\_\_\_\_

Signature: \_\_\_\_\_

Name: \_\_\_\_\_

**ASSIGNOR**

Place and date: \_\_\_\_\_

Signature: \_\_\_\_\_

Name: \_\_\_\_\_

**ASSIGNOR**

Place and date: \_\_\_\_\_

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**ASSIGNOR**

Place and date: \_\_\_\_\_

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**ASSIGNOR**

Place and date: \_\_\_\_\_

Signature: \_\_\_\_\_

Name: \_\_\_\_\_

**ASSIGNEE**, hereby accepts the assignment of the abovementioned patent(s) and/or patent application(s), and/or intellectual property rights.

BorgWarner TorqTransfer Systems ABPlace and date: Landskrona 2015-06-02By (signature): [Signature]Name: Hans EngströmPosition: R&D Director



### ASSIGNMENT

For good and valuable consideration, the receipt of which is hereby acknowledged, the undersigned:

Inventor Name (Assignor):	Address:
Kristoffer Nilsson	Gråsparvsvägen 180 SE-227 31 LUND Sweden
Mikael Tiainen	Hedbäcksvägen 12 SE-428 37 KÅLLERED Sweden
Johan Nilsson	Oxhagsgatan 50 SE-561 50 HUSKVARNA Sweden

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A HYDRAULIC SYSTEM

for which a patent application or any other application for intellectual property protection is to be filed, or is filed concurrently herewith, or was filed under application number 1550307-1 on March 13, 2015.

ii) said patent application;

iii) any and all provisional patent applications on which priority is claimed, including national/regional/international patent application number \_\_\_\_\_ filed on \_\_\_\_\_.

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**ASSIGNOR**Place and date: Lund 2015-03-23Signature: [Signature]Name: Kristoffer Nilsson**ASSIGNOR**Place and date: [Signature]Signature: [Signature]Name: Mikael Tainen**ASSIGNOR**Place and date: 2015-06-16Signature: [Signature]Name: Johan Nilsson**ASSIGNOR**

Place and date: \_\_\_\_\_

Signature: \_\_\_\_\_

Name: \_\_\_\_\_

**ASSIGNOR**

Place and date: \_\_\_\_\_

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Name: \_\_\_\_\_

**ASSIGNEE**, hereby accepts the assignment of the abovementioned patent(s) and/or patent application(s), and/or intellectual property rights.

BorgWarner TorqTransfer Systems ABPlace and date: Langkryong 150602By (signature): [Signature]Name: Hans EngströmPosition: R&D Director