

## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1  
 Stylesheet Version v1.2

EPAS ID: PAT4179726

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
ALEX GROSSMANN	12/08/2016
UDO SIEBER	11/28/2016
<b>RECEIVING PARTY DATA</b>	
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<b>State/Country:</b>	GERMANY
<b>Postal Code:</b>	70442
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
<b>Application Number:</b>	15316515
<b>CORRESPONDENCE DATA</b>	
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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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<b>ATTORNEY DOCKET NUMBER:</b>	9041/0101WOUS
<b>NAME OF SUBMITTER:</b>	JOHN J. DRESCH
<b>SIGNATURE:</b>	/John J. Dresch/
<b>DATE SIGNED:</b>	12/12/2016
<b>Total Attachments: 5</b>	
source=9041-0101WOUS Patent Recordation#page1.tif	
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source=9041-0101WOUS Patent Recordation#page5.tif	

RECORDATION FORM COVER SHEET

PATENTS ONLY

To the Director of the U.S. Patent and Trademark Office: Please record the attached documents or the new address(es) below.

1. Name of conveying party(ies)

Alex Grossmann  
Udo Sieber

Additional name(s) of conveying party(ies) attached? ☐ Yes ☒ No

3. Nature of conveyance/Execution Date(s):

Execution Date(s) 12/08/2016

- ☒ Assignment ☐ Merger  
☐ Security Agreement ☐ Change of Name  
☐ Joint Research Agreement  
☐ Government Interest Assignment  
☐ Executive Order 9424, Confirmatory License  
☐ Other

2. Name and address of receiving party(ies)

Name: Robert Bosch GMBH

Internal Address:

Street Address: Wernerstrasse 1 Postfach 30 02 20

City: Stuttgart

State:

Country: DE Zip: 70442

Additional name(s) & address(es) attached? ☐ Yes ☒ No

4. Application or patent number(s):

☐ This document is being filed together with a new application.

A. Patent Application No.(s)

15/316,515

B. Patent No.(s)

Additional numbers attached? ☐ Yes ☒ No

5. Name and address to whom correspondence concerning document should be mailed:

Name: Dresch IP Law, PLLC

Internal Address:

Street Address: PO BOX 650903

City: Potomac Falls

State: VA Zip: 20165

Phone Number: 571.333.0930

Docket Number: 9041/0101WOUS

Email Address: mailroom@dreschiplaw.com

6. Total number of applications and patents involved: 1

7. Total fee (37 CFR 1.21(h) & 3.41) \$ N/A

- ☐ Authorized to be charged to deposit account  
☐ Enclosed  
☐ None required (government interest not affecting title)

8. Payment Information

Deposit Account Number N/A

Authorized User Name N/A

9. Signature:

/John J. Dresch/

Signature

December 12, 2016

Date

John J. Dresch

Name of Person Signing

Total number of pages including cover sheet, attachments, and documents:

5

Documents to be recorded (including cover sheet) should be faxed to (571) 273-0140, or mailed to:  
Mail Stop Assignment Recordation Services, Director of the USPTO, P.O.Box 1450, Alexandria, V.A. 22313-1450

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UNITED STATES PATENT RIGHTS, OR  
UNITED STATES PLUS ALL FOREIGN PATENT RIGHTS

**ASSIGNMENT**

**Name(s)  
of Inventor(s)**

WHEREAS, Alex Grossmann, Reiner Schweinfurth, Simon Dierolf, Michael Kilger,  
Ingo Immdendoerfer, and Udo Sieber  
(hereinafter designated as the Assignor) have invented certain new and useful improvements in an invention  
entitled:

**Title  
of Invention**

METHOD AND DEVICE FOR ADJUSTING AN ACTUATOR MEMBER OF A POSITIONING  
SYSTEM WITH AN ELECTRONICALLY COMMUTATED ACTUATOR DRIVE  
(hereinafter referred to as "the invention").

known as PCT International Patent Application Serial No. PCT/EP2015/061688.

and for which an application for Letters Patent of the United States of America has been executed by the  
Assignor (except in the case of a U.S. provisional application), such Letters Patent of the United States of  
America having a filing date of:

**Filing Date  
of Application**

12/05/2016

and being identified as Application No.:

**Application  
Number**

15/316,515

**Name  
of Assignee**

WHEREAS, Robert Bosch GMBH

**Address  
of Assignee**

of Wernerstrasse 1 Postfach 30 02 20 Stuttgart DE 70442

its heirs, successors, legal representatives and assigns (hereinafter designated as the Assignee) is desirous of  
acquiring the entire right, title and interest in and to said invention and in and to any Letters Patent(s) that  
may be granted therefor in the United States of America and

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IF APPROPRIATE**

☐ in any foreign countries.

NOW, THEREFORE, in consideration of the sum of One Dollar (\$1.00) to the Assignor in hand paid, the  
receipt of which is hereby acknowledged, and other good and valuable consideration, the Assignor has  
(have) sold, assigned and transferred, and by these presents does sell, assign and transfer unto said Assignee  
the full and exclusive right to the said invention in the United States of America, its territories, dependencies  
and possessions and the entire right, title and interest in and to any and all Letters Patent(s) which may be  
granted therefor in the United States of America, its territories, dependencies and possessions, and if the box  
above is designated, in any and all foreign countries including all rights of priority arising from the  
application(s) and Letters Patent(s):

and to any and all divisions, reissues, continuations, conversions and extensions thereof for the full term or terms for which the same may be granted;

and to any and all causes of action, rights, and remedies arising under any such application(s) and Letters Patent(s) prior to or after the effective date of this Agreement including the right to recover damages for any infringement of any rights in and to the invention and any patents therefrom prior to the effective date of the agreement.

The Assignor agree(s) to execute all papers necessary in connection with this application and any continuing, divisional, conversion, reissue, or reexamination applications thereof and also to execute separate assignments in connection with such applications as the Assignee may deem necessary or expedient.

The Assignor agree(s) to, upon request and without further compensation, perform all affirmative acts which may be necessary to obtain a grant of a valid United States of America patent(s) or a grant of a valid United States of America and any foreign patent(s) to the Assignee and to vest all rights therein hereby conveyed to the Assignee as fully and entirely as the same would have been held by the Assignor if this Assignment and sale had not been made.

The Assignor agree(s) to, upon request and without further compensation, execute all papers and documents and to perform any act which may be necessary in connection with claims or provisions of the International Convention for the Protection of Industrial Property or similar agreements.

The Assignor hereby authorize(s) and request(s) the Patent and Trademark Office Officials in the United States of America and in any foreign countries to issue any and all Letters Patents resulting from the application or any continuing, divisional conversion or reissue applications thereof to the Assignee, as Assignee of the entire interest, and hereby covenants that he has (they have) the full right to convey the entire interest herein assigned, and that he has (they have) not executed, and will not execute, any agreement in conflict herewith.

The Assignor agree(s) to, upon request and without further compensation, execute all papers necessary in connection with any interference which may be declared concerning this application or continuation, division, conversion or reissue thereof or Letter Patent(s) or reissue patent issued thereon and to cooperate with the Assignee in every way possible in obtaining and producing evidence and proceeding with such interference.

The Assignor agree(s) to, upon request and without further compensation, communicate to the Assignee any facts known to the Assignor respecting the invention and to testify in any legal proceedings concerning this application or continuation, division, conversion or reissue thereof or Letter Patent(s) or reissue patent issued thereon, to execute all lawful papers necessary in connection with enforcing proper patent protection of the invention in all countries, and to cooperate with the Assignee in every way possible in obtaining and producing evidence and proceeding with such enforcement of patent protection.

The Assignor hereby grant(s) the law firm of Dresch IP Law, PLLC and Assignee the power to insert on this Assignment any further identification which may be necessary or desirable in order to comply with the rules of the U.S. Patent and Trademark Office for recordation of this document.


The Assignor hereby covenant(s) that no assignment, sale, agreement or encumbrance has been or will be made or entered into which would conflict with this assignment.

The Assignor hereby represent(s) and warrant(s) that that no act has been or will be performed which would statutorily bar a grant of a valid United States of America patent(s) or a grant of a valid United States of America and any foreign patent(s) to the Assignee.

Assignor hereby grants Assignee the right to sell, transfer, or otherwise alienate the invention to third party(ies) in whole or in part including the right to license and sub-license.

Assignor hereby waives any right or claim to a "shop" use or "shop right" of the invention.

In witness whereof, executed by the Assignor on the date(s) opposite the Assignor name(s).

Date <u>12/08/16</u>	Name of Inventor (Assignor) <u></u> (Signature of Alex Grossmann)
Date _____	Name of Inventor (Assignor) _____ (Signature of Reiner Schweinfurth)
Date _____	Name of Inventor (Assignor) _____ (Signature of Simon Dierolf)
Date _____	Name of Inventor (Assignor) _____ (Signature of Michael Kilger)
Date _____	Name of Inventor (Assignor) _____ (Signature of Ingo Immdendoerfer)
Date _____	Name of Inventor (Assignor) _____ (Signature of Udo Sieber)

In witness whereof, executed by the Assignor on the date(s) opposite the Assignor name(s).

Date \_\_\_\_\_ Name of Inventor (Assignor) \_\_\_\_\_  
(Signature of Alex Grossmann)

Date \_\_\_\_\_ Name of Inventor (Assignor) \_\_\_\_\_  
(Signature of Reiner Schweinfurth)

Date \_\_\_\_\_ Name of Inventor (Assignor) \_\_\_\_\_  
(Signature of Simon Dierolf)

Date \_\_\_\_\_ Name of Inventor (Assignor) \_\_\_\_\_  
(Signature of Michael Kilger)

Date \_\_\_\_\_ Name of Inventor (Assignor) \_\_\_\_\_  
(Signature of Ingo Immdendoerfer)

Date 28<sup>th</sup> Nov 2016 Name of Inventor (Assignor) Udo Sieber  
(Signature of Udo Sieber)