

PATENT ASSIGNMENT

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SUBMISSION TYPE:	NEW ASSIGNMENT										
NATURE OF CONVEYANCE:	ASSIGNMENT										
CONVEYING PARTY DATA											
<table border="1"> <thead> <tr> <th>Name</th> <th>Execution Date</th> </tr> </thead> <tbody> <tr> <td>Florian Garczarek</td> <td>07/26/2012</td> </tr> <tr> <td>Wolfgang Holzapfel</td> <td>07/30/2012</td> </tr> </tbody> </table>		Name	Execution Date	Florian Garczarek	07/26/2012	Wolfgang Holzapfel	07/30/2012				
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RECEIVING PARTY DATA											
<table border="1"> <tr> <td>Name:</td> <td>Dr. Johannes Heidenhain GmbH</td> </tr> <tr> <td>Street Address:</td> <td>Dr.-Johannes-Heidenhain-Str. 5</td> </tr> <tr> <td>City:</td> <td>Traunreut</td> </tr> <tr> <td>State/Country:</td> <td>GERMANY</td> </tr> <tr> <td>Postal Code:</td> <td>83301</td> </tr> </table>		Name:	Dr. Johannes Heidenhain GmbH	Street Address:	Dr.-Johannes-Heidenhain-Str. 5	City:	Traunreut	State/Country:	GERMANY	Postal Code:	83301
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PROPERTY NUMBERS Total: 1											
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CORRESPONDENCE DATA											
<p>Fax Number: 3123214299</p> <p>Email: usassignments@brinkshofer.com, pchiovani@usebrinks.com</p> <p><i>Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent via US Mail.</i></p> <p>Correspondent Name: John C. Freeman</p> <p>Address Line 1: P.O. Box 10395</p> <p>Address Line 4: Chicago, ILLINOIS 60610</p>											
ATTORNEY DOCKET NUMBER:	56-505										
NAME OF SUBMITTER:	John C. Freeman										
<p>Total Attachments: 2</p> <p>source=56_505_ExecutedAssignment#page1.tif</p> <p>source=56_505_ExecutedAssignment#page2.tif</p>											

CH \$40.00 13476113

ASSIGNMENT

WHEREAS, Florian Garczarek and Wolfgang Holzapfel, hereinafter called the "Assignors", have made the invention described in the United States patent application entitled POSITION MEASURING DEVICE, for a full description of which reference is here made to an application for Letters Patent of the United States filed on May 21, 2012, and assigned Application Serial No. 13/476,113;

WHEREAS, Dr. Johannes Heidenhain GmbH, a corporation organized and existing under the laws of Germany, having a place of business at Traunreut, Germany, hereinafter called the "Assignee", desires to acquire the entire right, title and interest in and to the invention and the patent application identified above, and all patents which may be obtained for said invention, as set forth below;

NOW, THEREFORE, in consideration of the sum of One Dollar (\$1.00), and other valuable and legally sufficient consideration, the receipt of which by the Assignors from the Assignee is hereby acknowledged, the Assignors have sold, assigned and transferred, and by these presents do sell, assign and transfer to the Assignee, the entire right, title and interest for the United States in and to the invention and the patent application identified above, and any patents that may issue for said invention in the United States; together with the entire right, title and interest in and to said invention and all patent applications and patents therefor in all countries foreign to the United States, including the full right to claim for any such application all benefits and priority rights under any applicable convention; together with the entire right, title and interest in and to all continuations, divisions, renewals and extensions of any of the patent applications and patents defined above; to have and to hold for the sole and exclusive use and benefit of the Assignee, its successors and assigns, to the full end of the term or terms for all such patents.

The Assignors hereby covenant and agree, for both the Assignors and the Assignors' legal representatives, that the Assignors will assist the Assignee in the prosecution of the patent application identified above; in the making and prosecution of any other patent applications that the Assignee may elect to make covering the invention identified above; in vesting in the Assignee like exclusive title in and to all such other patent applications and

patents; and in the prosecution of any interference which may arise involving said invention, or any such patent application or patent; and that the Assignors will execute and deliver to the Assignee any and all additional papers which may be requested by the Assignee to carry out the terms of this Assignment.

The Commissioner of Patents and Trademarks is hereby authorized and requested to issue patents to the Assignee in accordance with the terms of this Assignment.

IN TESTIMONY WHEREOF, the Assignors have executed this agreement.

DATE:

July 26, 2012

Florian Garczarek
Florian Garczarek

WITNESSED:

DATE:

7/26/2012

Kerstin Krüger

DATE:

7/26/2012

Wolfgang Holzapfel

DATE:

07/30/2012

Wolfgang Holzapfel
Wolfgang Holzapfel

WITNESSED:

DATE:

7/30/2012

Kerstin Krüger

DATE:

7/30/2012

Kerstin Krüger