

PATENT ASSIGNMENT COVER SHEET

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EPAS ID: PAT2609780

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>WOLFGANG HOLZAPFEL</td> <td>11/06/2013</td> </tr> <tr> <td>JOERG DRESCHER</td> <td>11/06/2013</td> </tr> <tr> <td>MARKUS MEISSNER</td> <td>11/04/2013</td> </tr> <tr> <td>RALPH JOERGER</td> <td>11/05/2013</td> </tr> <tr> <td>BERNHARD MUSCH</td> <td>11/04/2013</td> </tr> <tr> <td>THOMAS KAELEBERER</td> <td>11/04/2013</td> </tr> </tbody> </table>		Name	Execution Date	WOLFGANG HOLZAPFEL	11/06/2013	JOERG DRESCHER	11/06/2013	MARKUS MEISSNER	11/04/2013	RALPH JOERGER	11/05/2013	BERNHARD MUSCH	11/04/2013	THOMAS KAELEBERER	11/04/2013
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THOMAS KAELEBERER	11/04/2013														
RECEIVING PARTY DATA															
Name:	DR. JOHANNES HEIDENHAIN GMBH														
Street Address:	DR.-JOHANNES-HEIDENHAIN-STR.-5														
City:	TRAUNREUT														
State/Country:	GERMANY														
Postal Code:	83301														
PROPERTY NUMBERS Total: 1															
<table border="1"> <thead> <tr> <th>Property Type</th> <th>Number</th> </tr> </thead> <tbody> <tr> <td>Application Number:</td> <td>14075088</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	14075088										
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Application Number:	14075088														
CORRESPONDENCE DATA															
Fax Number:	(312)321-4299														
Email:	pchiovari@brinksgilson.com, officeactions@brinksgilson.com														
<i>Correspondence will be sent via US Mail when the email attempt is unsuccessful.</i>															
Correspondent Name:	JOHN C. FREEMAN														
Address Line 1:	P.O. BOX 10395														
Address Line 4:	CHICAGO, ILLINOIS 60610														
ATTORNEY DOCKET NUMBER:	56-519 (1755-US/HOF)														
NAME OF SUBMITTER:	JOHN C. FREEMAN														

Signature:	/John C. Freeman/
Date:	11/11/2013
Total Attachments: 3 source=56_519_ExecutedAssignment#page1.tif source=56_519_ExecutedAssignment#page2.tif source=56_519_ExecutedAssignment#page3.tif	

ASSIGNMENT

WHEREAS, Wolfgang Holzapfel, Jörg Drescher, Markus Meissner, Ralph Joerger, Bernhard Musch, and Thomas Kälberer, hereinafter called the "Assignors", have made the invention described in the United States patent application entitled OPTICAL POSITION MEASURING INSTRUMENT, executed by Assignors on the same date as, or on a date prior to, this Assignment;

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

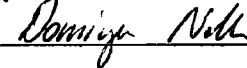
invention identified above; in vesting in the Assignee like exclusive title in and to all such other patent applications and patents; and in the prosecution of any interference which may arise involving said invention, or any such patent application or patent; and that the Assignors will execute and 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.

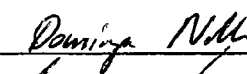
DATE: 11/06/2013 
Wolfgang Holzapfel

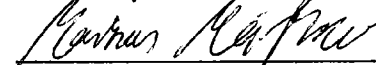
WITNESSED:
DATE: 11/06/2013 

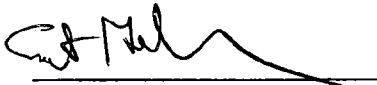
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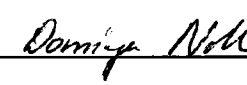
DATE: 11/06/2013 
Jörg Drescher

WITNESSED:
DATE: 11/06/2013 

DATE: 11/06/2013 

DATE: 11/04/2013 
Markus Meissner

WITNESSED:
DATE: 11/04/2013 

DATE: 11/04/2013 

DATE: 11/05/2013 Ralph Joerger
Ralph Joerger

WITNESSED:

DATE: 11/05/2013 [Signature]

DATE: 11/05/2013 Dominik Nide

DATE: 11/04/2013 Bernhard Musch
Bernhard Musch

WITNESSED:

DATE: 11/04/2013 [Signature]

DATE: 11/04/2013 Dominik Nide

DATE: 11/04/2013 Thomas Kälberer
Thomas Kälberer

WITNESSED:

DATE: 11/04/2013 [Signature]

DATE: 11/04/2013 Dominik Nide