

## PATENT ASSIGNMENT COVER SHEET

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EPAS ID: PAT4148808

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
AKSEL GOEHNERMEIER	10/21/2016
PHILIPP JESTER	09/26/2016
FRANK WIDULLE	09/22/2016
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	CARL ZEISS AG
<b>Street Address:</b>	CARL-ZEISS-STRASSE 22
<b>City:</b>	OBERKOCHEN
<b>State/Country:</b>	GERMANY
<b>Postal Code:</b>	73447
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
Application Number:	15221879
<b>CORRESPONDENCE DATA</b>	
<b>Fax Number:</b>	(248)641-0270
<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>	
<b>Phone:</b>	248-641-1600
<b>Email:</b>	troy@mailroom@hdp.com, bhalabis@hdp.com
<b>Correspondent Name:</b>	HARNES, DICKEY & PIERCE, P.L.C.
<b>Address Line 1:</b>	PO BOX 828
<b>Address Line 4:</b>	BLOOMFIELD HILLS, MICHIGAN 48303
<b>ATTORNEY DOCKET NUMBER:</b>	17272M-000095-US
<b>NAME OF SUBMITTER:</b>	CHRISTOPHER M. BROCK
<b>SIGNATURE:</b>	/Christopher M. Brock/
<b>DATE SIGNED:</b>	11/18/2016
<b>Total Attachments: 6</b>	
source=Assignment-GOEHNERMEIER#page1.tif	
source=Assignment-GOEHNERMEIER#page2.tif	
source=Assignment-JESTER#page1.tif	
source=Assignment-JESTER#page2.tif	

source=Assignment-WIDULLE#page1.tif

source=Assignment-WIDULLE#page2.tif

## Assignment

Whereas, I/We, GÖHNERMEIER, Akxel of Hülbenweg 14, 73457 Essingen-Lauterburg, Germany hereinafter called assignor, have invented certain improvements in

Method and Measuring Machine for Determining Dimensional Properties of a  
Measurement Object

and executed an application for Letters Patent of the United States therefor; and

Whereas, Carl Zeiss AG, having a place of business at Carl-Zeiss-Strasse 22, 73447 Oberkochen, Germany, hereinafter called assignee, desires to acquire the entire right, title, and interest in the application and the invention disclosed therein, and to any United States patents to be obtained therefor;

Therefore, for valuable consideration, receipt whereof is hereby acknowledged,

I/We, the above named assignor, hereby state as follows:

To the extent that my entire right, title and interest in the application and the invention disclosed therein have not transferred to the assignee by virtue of applicable law and/or contract, I/we hereby sell, assign and transfer to the above named assignee, its successors and assigns, the entire/remaining, present/expectant right, title and interest in the application and the invention disclosed therein for the United States of America, including all divisionals and continuations thereof, and all Letters Patent of the United States that may be granted thereon, and all reissues thereof, including the right to claim priority under 35 U.S.C. §119, and for all countries foreign thereto, including rights of priority under applicable conventions and treaties; and I/we request the Director of the U.S. Patent and Trademark Office to issue any Letters Patent granted upon the invention set forth in the application to the assignee, its successors and assigns; and I/we hereby agree that the assignee may apply for foreign Letters Patent on the invention; and I/we will execute without further consideration all papers deemed necessary by the assignee in connection with the United States and foreign applications when called upon to do so by the assignee.

I/We hereby authorize and request the attorneys of Harness, Dickey & Pierce, P.L.C. P.O. Box 828 Bloomfield Hills, Michigan 48303 U S A to insert here in parentheses

(Application number 15/221879, filed July 28, 2016 and Confirmation number 1046) the application number and filing date of said application when known.

Aksel Göhnermeier 2016/10/21  
Signature Date  
GÖHNERMEIER, Aksel  
Typed or printed name

Witnessed by:

S. Flotta 2016-10-21  
Signature Date  
Sandra Flotta  
Typed or printed name

Witnessed by:

S. Sporfelddt 2016-10-21  
Signature Date  
Sarah Sporfelddt  
Typed or printed name

(Legalization not required for recording but is prima facie evidence of execution under 35 U.S.C. §261)

## Assignment

Whereas, I/We, JESTER, Philipp of Römerstraße 32, 89522 Heidenheim, Germany hereinafter called assignor, have invented certain improvements in

Method and Measuring Machine for Determining Dimensional Properties of a  
Measurement Object

and executed an application for Letters Patent of the United States therefor; and

Whereas, Carl Zeiss AG, having a place of business at Carl-Zeiss-Strasse 22, 73447 Oberkochen, Germany, hereinafter called assignee, desires to acquire the entire right, title, and interest in the application and the invention disclosed therein, and to any United States patents to be obtained therefor;

Therefore, for valuable consideration, receipt whereof is hereby acknowledged,

I/We, the above named assignor, hereby state as follows:

To the extent that my entire right, title and interest in the application and the invention disclosed therein have not transferred to the assignee by virtue of applicable law and/or contract, I/we hereby sell, assign and transfer to the above named assignee, its successors and assigns, the entire/remaining, present/expectant right, title and interest in the application and the invention disclosed therein for the United States of America, including all divisionals and continuations thereof, and all Letters Patent of the United States that may be granted thereon, and all reissues thereof, including the right to claim priority under 35 U.S.C. §119, and for all countries foreign thereto, including rights of priority under applicable conventions and treaties; and I/we request the Director of the U.S. Patent and Trademark Office to issue any Letters Patent granted upon the invention set forth in the application to the assignee, its successors and assigns; and I/we hereby agree that the assignee may apply for foreign Letters Patent on the invention; and I/we will execute without further consideration all papers deemed necessary by the assignee in connection with the United States and foreign applications when called upon to do so by the assignee.

I/We hereby authorize and request the attorneys of Harness, Dickey & Pierce, P.L.C. P.O. Box 828 Bloomfield Hills, Michigan 48303 U S A to insert here in parentheses

(Application number 15/221879, filed July 28, 2016 and Confirmation number 1046) the application number and filing date of said application when known.

Philipp Jester Sep 26, 2016  
Signature Date  
JESTER, Philipp  
Typed or printed name

Witnessed by:

S. Flotta 26.08.16  
Signature Date  
Sandra Flotta  
Typed or printed name

Witnessed by:

S. Sperfeldt 26.09.2016  
Signature Date  
Sarah Sperfeldt  
Typed or printed name

(Legalization not required for recording but is prima facie evidence of execution under 35 U.S.C. §261)

## Assignment

Whereas, I/We, WIDULLE, Frank of Westheimer Strasse 8, 89233 Neu-Ulm, Germany hereinafter called assignor, have invented certain improvements in

Method and Measuring Machine for Determining Dimensional Properties of a  
Measurement Object

and executed an application for Letters Patent of the United States therefor; and

Whereas, Carl Zeiss AG, having a place of business at Carl-Zeiss-Strasse 22, 73447 Oberkochen, Germany, hereinafter called assignee, desires to acquire the entire right, title, and interest in the application and the invention disclosed therein, and to any United States patents to be obtained therefor;

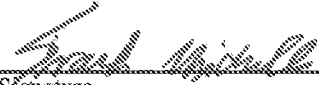
Therefore, for valuable consideration, receipt whereof is hereby acknowledged,

I/We, the above named assignor, hereby state as follows:

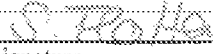
To the extent that my entire right, title and interest in the application and the invention disclosed therein have not transferred to the assignee by virtue of applicable law and/or contract, I/we hereby sell, assign and transfer to the above named assignee, its successors and assigns, the entire/remaining, present/expectant right, title and interest in the application and the invention disclosed therein for the United States of America, including all divisionals and continuations thereof, and all Letters Patent of the United States that may be granted thereon, and all reissues thereof, including the right to claim priority under 35 U.S.C. §119, and for all countries foreign thereto, including rights of priority under applicable conventions and treaties; and I/we request the Director of the U.S. Patent and Trademark Office to issue any Letters Patent granted upon the invention set forth in the application to the assignee, its successors and assigns; and I/we hereby agree that the assignee may apply for foreign Letters Patent on the invention; and I/we will execute without further consideration all papers deemed necessary by the assignee in connection with the United States and foreign applications when called upon to do so by the assignee.

I/We hereby authorize and request the attorneys of Harness, Dickey & Pierce, P.L.C. P.O. Box 828 Bloomfield Hills, Michigan 48303 U S A to insert here in parentheses

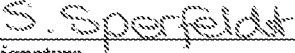
(Application number 15/221879, filed July 28, 2016 and Confirmation number 1046) the application number and filing date of said application when known.

  
Signature \_\_\_\_\_ Date 22.9.16  
WIDULLE, Frank  
Typed or printed name \_\_\_\_\_

Witnessed by:

  
Signature \_\_\_\_\_ Date 22.09.2016  
Sandra Flotta  
Typed or printed name \_\_\_\_\_

Witnessed by:

  
Signature \_\_\_\_\_ Date 22.09.16  
Sarah Sperfeldt  
Typed or printed name \_\_\_\_\_

(Legalization not required for recording but is prima facie evidence of execution under 35 U.S.C. §261)