

## PATENT ASSIGNMENT COVER SHEET

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EPAS ID: PAT2741152

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>Johannes Ruoff</td> <td>02/21/2014</td> </tr> <tr> <td>Thomas Schicketanz</td> <td>02/20/2014</td> </tr> </tbody> </table>		Name	Execution Date	Johannes Ruoff	02/21/2014	Thomas Schicketanz	02/20/2014				
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RECEIVING PARTY DATA											
<table border="1"> <tr> <td>Name:</td> <td>CARL ZEISS SMT GMBH</td> </tr> <tr> <td>Street Address:</td> <td>RUDOLF-EBER-STRASSE 2</td> </tr> <tr> <td>City:</td> <td>OBERKOCHEN</td> </tr> <tr> <td>State/Country:</td> <td>GERMANY</td> </tr> <tr> <td>Postal Code:</td> <td>73447</td> </tr> </table>		Name:	CARL ZEISS SMT GMBH	Street Address:	RUDOLF-EBER-STRASSE 2	City:	OBERKOCHEN	State/Country:	GERMANY	Postal Code:	73447
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CORRESPONDENCE DATA											
Fax Number:	(877)769-7945										
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NAME OF SUBMITTER:	ALISSA TIZZANO										
Signature:	/Alissa/										
Date:	02/25/2014										
Total Attachments: 2 source=Assignment#page1.tif source=Assignment#page2.tif											

ASSIGNMENT

For valuable consideration, we, JOHANNES RUOFF of Droste-Huelshoff-Weg 35, 73431 Aalen, Germany, THOMAS SCHICKETANZ of Jahnstrasse 13, 73431 Aalen, Germany, hereby assign to: Carl Zeiss SMT GmbH, a corporation of Germany having a place of business at:

Rudolf-Eber-Strasse 2  
73447 Oberkochen  
Germany; and

its successors and assigns (collectively hereinafter called "the Assignee"), the entire right, title and interest throughout the world in the inventions and improvements which are subject of an application for United States Patent signed by us, entitled IMAGING CATOPTRIC BUW PROJECTION OPTICAL UNIT, filed 2/13/2014, and assigned U.S. Serial Number 14/179,692, this assignment including said application, any and all United States and foreign patents, utility models, and design registrations granted for any of said inventions or improvements, and the right to claim priority based on the filing date of said application under the International Convention for the Protection of Industrial Property, the Patent Cooperation Treaty, the European Patent Convention, and all other treaties of like purposes; and we authorize the Assignee to apply in all countries in our name or in its own name for patents, utility models, design registrations and like rights of exclusion and for inventors' certificates for said inventions and improvements; and we agree for ourselves and our respective heirs, legal representatives and assigns, without further compensation to perform such lawful acts and to sign such further applications, assignments, Preliminary Statements and other lawful documents as the Assignee may reasonably request to effectuate fully this assignment.

Date: Feb. 20<sup>th</sup> 2014

Johannes Ruoff  
JOHANNES RUOFF

Witnessed by:

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

Date: \_\_\_\_\_

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

Date: \_\_\_\_\_

Date: February 20<sup>th</sup> 2014

T. Schick  
THOMAS SCHICKETANZ

Witnessed by:

Name: February 20, 2014

Date: February 20, 2014

Name: Christina Gunkel

Date: \_\_\_\_\_

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