

## 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>Ulrich Weber</td> <td>04/20/2007</td> </tr> <tr> <td>Jens Kugler</td> <td>04/20/2007</td> </tr> </tbody> </table>		Name	Execution Date	Ulrich Weber	04/20/2007	Jens Kugler	04/20/2007				
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RECEIVING PARTY DATA											
<table border="1"> <tr> <td>Name:</td> <td>Carl Zeiss SMT AG</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 AG	Street Address:	Rudolf-Eber-Strasse 2	City:	Oberkochen	State/Country:	GERMANY	Postal Code:	73447
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PROPERTY NUMBERS Total: 1											
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CORRESPONDENCE DATA											
<p>Fax Number: 8777697945  <i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i></p> <p>Phone: 6175425070        Email: apsi@fr.com        Correspondent Name: Peter Poulin        Address Line 1: FISH &amp; RICHARDSON P.C.        Address Line 2: P.O.BOX 1022        Address Line 4: MINNEAPOLIS, MINNESOTA 55440-1022</p>											
ATTORNEY DOCKET NUMBER:	17979-0180004										
NAME OF SUBMITTER:	Susan L. Brandt										
<p>Total Attachments: 1        source=180004#page1.tif</p>											

CH \$40.00 13751284

# ASSIGNMENT OF INVENTION

For: ( ) U.S. and/or ( ) Foreign Rights  
 For: (X) U.S. Application or ( ) U.S. Patent  
 By: ( ) Inventor(s) or ( ) Present Owner

Assignment Recorded on  
 .....  
 Reel: .....  
 Frame: .....

In consideration of the payment by ASSIGNEE to ASSIGNOR of the sum of One Dollar (\$ 1.00), the receipt of which is hereby acknowledged, and for other good and valuable consideration,  
 ASSIGNOR:

WEBER, Ulrich, Ensingerstr. 53, 89073 Ulm / Germany  
 KUGLER, Jens, Goetzenbachstr. 1, 73540 Heubach / Germany

hereby sells, assigns and transfers to ASSIGNEE:

Carl Zeiss SMT AG, Rudolf-Eber-Str. 2, 73447 Oberkochen / Germany

and the successors, assigns and legal representatives of the ASSIGNEE

- (X) the entire right, title and interest in the United States of America
- ( ) and undivided ..... percent (.....%) interest for the United States and its territorial possessions
- ( ) and in all foreign countries, including all rights to claim priority,

in and to any and all improvements which are disclosed in the invention entitled

„Positioning unit and alignment device for an optical element“

and which is found in:

- ( ) U.S. Patent Application executed on even date herewith; or
- ( ) U.S. Patent Application executed on .....; or
- (X) U.S. Application serial no. 11/631,370 filed on 12/28/2006; or
- ( ) U.S. Patent No. .... issued .....
- ( ) A change of address to which correspondence is to be sent regarding patent maintenance fees is being sent separately; or
- ( ) and any legal equivalent thereof in a foreign country, including the right to claim priority;

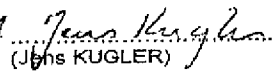
and, in and to, all Letters Patent to be obtained for said invention by the above application or any continuation, division, renewal, or substitute thereof, and as to letters patent any reissue or re-examination thereof;

ASSIGNOR, hereby covenants that no assignment, sale agreement or encumbrance has been or will be made or entered into which would conflict with this assignment;

ASSIGNOR further covenants that ASSIGNEE will, upon its request, be provided promptly with all pertinent facts and documents relating to said invention and said Letters Patent and legal equivalents as may be known and accessible to ASSIGNOR and will testify as to the same in any interference, litigation or proceeding related thereto and will promptly execute and deliver to ASSIGNEE or its legal representatives any and all papers, instruments of affidavits required to apply for, obtain, maintain, issue and enforce said application, said invention and Letters Patent and said equivalents thereof which may be necessary or desirable to carry out the purposes thereof.

IN WITNESS WHEREOF, I/We have hereunto set hand this

April 20, 2007 (Date)  (Ulrich WEBER)

April 20, 2007 (Date)  (Jens KUGLER)

RECORDED: 05/22/2007

PATENT  
 REEL: 019364 FRAME: 0582

RECORDED: 04/01/2013

PATENT  
 REEL: 030125 FRAME: 0147