

PATENT ASSIGNMENT

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SUBMISSION TYPE:	NEW ASSIGNMENT						
NATURE OF CONVEYANCE:	ASSIGNMENT						
CONVEYING PARTY DATA							
<table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th style="width:70%;">Name</th> <th>Execution Date</th> </tr> </thead> <tbody> <tr> <td>Claudia EKSTEIN</td> <td>02/04/2009</td> </tr> <tr> <td>Hubert HOLDERER</td> <td>02/04/2009</td> </tr> </tbody> </table>		Name	Execution Date	Claudia EKSTEIN	02/04/2009	Hubert HOLDERER	02/04/2009
Name	Execution Date						
Claudia EKSTEIN	02/04/2009						
Hubert HOLDERER	02/04/2009						
RECEIVING PARTY DATA							
Name:	Carl Zeiss SMT AG						
Street Address:	Rudolf-Eber-Strasse 2						
City:	Oberkochen						
State/Country:	GERMANY						
Postal Code:	73447						
PROPERTY NUMBERS Total: 1							
<table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th style="width:30%;">Property Type</th> <th>Number</th> </tr> </thead> <tbody> <tr> <td>Application Number:</td> <td>12368027</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	12368027		
Property Type	Number						
Application Number:	12368027						
CORRESPONDENCE DATA							
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NAME OF SUBMITTER:	George F. Lehnigk						
Total Attachments: 2 source=Q110770-Assignment#page1.tif source=Q110770-Assignment#page2.tif							

CH \$40.00 12368027

Assignment

Whereas, I/We, Claudia EKSTEIN and Hubert HOLDERER of Ellwangen, GERMANY and Oberkochen, GERMANY, respectively, hereinafter called assignor(s), have invented certain improvements in

COMPOSITE STRUCTURE FOR MICROLITHOGRAPHY AND OPTICAL ARRANGEMENT

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

Whereas, CARL ZEISS SMT AG, a German corporation, having a place of business at Rudolf-Eber-Strasse 2, 73447 Oberkochen, GERMANY (assignee), desires to acquire the entire right, title, and interest in the application and invention, and to any United States patents to be obtained therefor;

Now therefore, for valuable consideration, receipt whereof is hereby acknowledged,

I/We, the above named assignor(s), hereby sell, assign and transfer to the above named assignee, its successors and assigns, the entire right, title and interest in the application and the invention disclosed therein for the United States of America, including all divisions, 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 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 will execute without further consideration all papers deemed necessary by the assignee in connection with the United States application when called upon to do so by the assignee.

I/We hereby authorize and request our attorneys SUGHRUE MION, PLLC of 2100 Pennsylvania Avenue, NW, Washington, DC 20037-3213 to insert here in parentheses (Application number 12/368,027 and Confirmation number 113, filed February 9, 2009) the application number and filing date of said application when known.

Date:

Feb 04 2009

C. Ekstein

s/Claudia EKSTEIN

Date:

s/Hubert HOLDERER

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

Assignment

Whereas, I/We, Claudia EKSTEIN and Hubert HOLDERER of Ellwangen, GERMANY and Oberkochen, GERMANY, respectively, hereinafter called assignor(s), have invented certain improvements in

COMPOSITE STRUCTURE FOR MICROLITHOGRAPHY AND OPTICAL ARRANGEMENT

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

Whereas, CARL ZEISS SMT AG, a German corporation, having a place of business at Rudolf-Eber-Strasse 2, 73447 Oberkochen, GERMANY (assignee), desires to acquire the entire right, title, and interest in the application and invention, and to any United States patents to be obtained therefor;

Now therefore, for valuable consideration, receipt whereof is hereby acknowledged,

I/We, the above named assignor(s), hereby sell, assign and transfer to the above named assignee, its successors and assigns, the entire right, title and interest in the application and the invention disclosed therein for the United States of America, including all divisions, 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 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 will execute without further consideration all papers deemed necessary by the assignee in connection with the United States application when called upon to do so by the assignee.

I/We hereby authorize and request our attorneys SUGHRUE MION, PLLC of 2100 Pennsylvania Avenue, NW, Washington, DC 20037-3213 to insert here in parentheses (Application number 12 1368,027 and Confirmation number 1113, filed February 9, 2009) the application number and filing date of said application when known.

Date:

s/Claudia EKSTEIN
Date: February 09, 2009

s/Hubert HOLDERER

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