

**PATENT ASSIGNMENT**

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<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT						
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT						
<b>CONVEYING PARTY DATA</b>							
<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>Rolf FREIMANN</td> <td>06/30/2008</td> </tr> <tr> <td>Jens PHILIPPS</td> <td>07/14/2008</td> </tr> </tbody> </table>		Name	Execution Date	Rolf FREIMANN	06/30/2008	Jens PHILIPPS	07/14/2008
Name	Execution Date						
Rolf FREIMANN	06/30/2008						
Jens PHILIPPS	07/14/2008						
<b>RECEIVING PARTY DATA</b>							
<b>Name:</b>	Carl Zeiss SMT AG						
<b>Street Address:</b>	Rudolf-Eber-Strasse 2						
<b>City:</b>	Oberkochen						
<b>State/Country:</b>	GERMANY						
<b>Postal Code:</b>	73447						
<b>PROPERTY NUMBERS Total: 1</b>							
<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>12129235</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	12129235		
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Application Number:	12129235						
<b>CORRESPONDENCE DATA</b>							
<b>Fax Number:</b>	(202)293-7860						
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<b>Address Line 2:</b>	SUITE 600						
<b>Address Line 4:</b>	Washington, DISTRICT OF COLUMBIA 20037						
<b>ATTORNEY DOCKET NUMBER:</b>	Q108322						
<b>NAME OF SUBMITTER:</b>	George F. Lehnigk						
<b>Total Attachments: 2</b> source=Q108322-Assignment#page1.tif source=Q108322-Assignment#page2.tif							

CH \$40.00 12129235

## Assignment

Whereas, I/We, Rolf FREIMANN and Jens PHILIPPS of Aalen, GERMANY and Oberkochen, GERMANY, respectively, hereinafter called assignor(s), have invented certain improvements in

### PROJECTION ILLUMINATION SYSTEM

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 12/129,235 and Confirmation number 1746, filed May 29, 2008) the application number and filing date of said application, when known.

Date:

June 30<sup>th</sup> 2008 Rolf Freimann  
s/Rolf FREIMANN

Date:

\_\_\_\_\_  
s/Jens PHILIPPS

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

## Assignment

Whereas, I/We, Rolf FREIMANN and Jens PHILIPPS of Aalen, GERMANY and Oberkochen, GERMANY, respectively, hereinafter called assignor(s), have invented certain improvements in

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Date:

\_\_\_\_\_  
s/Rolf FREIMANN

Date:

*Jul. 14, 2008*

\_\_\_\_\_  
s/Jens PHILIPPS

*Jens Philipps*

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