

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>Nils Dieckmann</td> <td>08/13/2009</td> </tr> <tr> <td>Manfred Maul</td> <td>08/14/2009</td> </tr> <tr> <td>Christian Hettich</td> <td>08/14/2009</td> </tr> <tr> <td>Oliver Natt</td> <td>08/25/2009</td> </tr> </tbody> </table>		Name	Execution Date	Nils Dieckmann	08/13/2009	Manfred Maul	08/14/2009	Christian Hettich	08/14/2009	Oliver Natt	08/25/2009
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<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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CORRESPONDENCE DATA											
<p>Fax Number: (877)769-7945 Phone: 6175425070 Email: apsi@fr.com</p> <p><i>Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent via US Mail.</i></p> <p>Correspondent Name: Sean P. Daley Address Line 1: FISH & RICHARDSON P.C. Address Line 2: P.O. BOX 1022 Address Line 4: MINNEAPOLIS, MINNESOTA 55440-1022</p>											
ATTORNEY DOCKET NUMBER:	18239-0065002										
NAME OF SUBMITTER:	Alissa Tizzano										
Total Attachments: 3 source=Assignment#page1.tif source=Assignment#page2.tif source=Assignment#page3.tif											

CH \$40.00 13438179

ASSIGNMENT

For valuable consideration, we, NILS DIECKMANN of Reuteweg 5, D-73460 Huettlingen, Germany, MANFRED MAUL of Elchweg 29, 73434 Aalen, Germany, CHRISTIAN HETTICH of Auf der Heide 22, D-73431 Aalen, Germany, OLIVER NATT of Vogtlandstrasse 1, 73431 Aalen, Germany, hereby assign to: Carl Zeiss SMT AG, 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 ILLUMINATION SYSTEM OF A MICROLITHOGRAPHIC PROJECTION EXPOSURE APPARATUS, filed 7/27/2009, and assigned U.S. Serial Number 12/509,738, and we authorize and request the attorneys appointed in said application to hereafter complete this assignment by inserting above the filing date and serial number of said application when known; 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: 08-13-2009

Nils Dieckmann
NILS DIECKMANN

Witnessed by:

Name: Edith Sey

Date: August 13, 2009

Name: _____

Date: _____

Date: 08-14-2009

Manfred Maul
MANFRED MAUL

Witnessed by:

Name: Edith Sey

Date: August 14, 2009

Name: _____

Date: _____

Date: 08-14-2009

Christian Hettich
CHRISTIAN HETTICH

Witnessed by:

Name: Christina Grottel

Date: Aug. 14, 2009

Name: _____

Date: _____

Date: 08/25/09


OLIVER NATT

Witnessed by:

Name: 

Date: August 25, 2009

Name: _____

Date: _____

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