

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>Boris Bittner</td> <td>04/07/2011</td> </tr> <tr> <td>Holger Walter</td> <td>04/07/2011</td> </tr> <tr> <td>Matthias Roesch</td> <td>04/07/2011</td> </tr> </tbody> </table>		Name	Execution Date	Boris Bittner	04/07/2011	Holger Walter	04/07/2011	Matthias Roesch	04/07/2011
Name	Execution Date								
Boris Bittner	04/07/2011								
Holger Walter	04/07/2011								
Matthias Roesch	04/07/2011								
RECEIVING PARTY DATA									
Name:	Carl Zeiss SMT GmbH								
Street Address:	Rudolf-Eber-Strasse 2								
City:	Oberkochen								
State/Country:	GERMANY								
Postal Code:	73447								
PROPERTY NUMBERS Total: 1									
<table border="1"> <thead> <tr> <th>Property Type</th> <th>Number</th> </tr> </thead> <tbody> <tr> <td>Application Number:</td> <td>13427030</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	13427030				
Property Type	Number								
Application Number:	13427030								
CORRESPONDENCE DATA									
Fax Number:	(877)769-7945								
Phone:	6175425070								
Email:	apsi@fr.com								
<i>Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent via US Mail.</i>									
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								
ATTORNEY DOCKET NUMBER:	21070-0066001								
NAME OF SUBMITTER:	Alissa Tizzano								
Total Attachments: 2 source=Assignment#page1.tif source=Assignment#page2.tif									

CH \$40.00 13427030

ASSIGNMENT

For valuable consideration, we, BORIS BITTNER of Rheingoldstr. 6, 91154 Roth, Germany, HOLGER WALTER of Kolonie 20, 73453 Abtsgmuend, Germany, MATTHIAS ROESCH of Galgenbergstrasse 23, 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 PROJECTION EXPOSURE APPARATUS WITH OPTIMIZED ADJUSTMENT POSSIBILITY, filed 3/23/2011, and assigned U.S. Serial Number 13/069,551, 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: April 7, 2011

Boris Bittner
BORIS BITTNER

Witnessed by:

Name: Christina Grottel

Date: April 7, 2011

Name: _____

Date: _____

Date: April 7, 2011

Holger Walter
HOLGER WALTER

Witnessed by:

Name: Christina Grottel

Date: April 7, 2011

Name: _____

Date: _____

Date: April 7, 2011

Matthias Roesch
MATTHIAS ROESCH

Witnessed by:

Name: Christina Grottel

Date: April 7, 2011

Name: _____

Date: _____

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