

## 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>Frank Melzer</td> <td>04/27/2009</td> </tr> <tr> <td>Yim-Bun Patrick Kwan</td> <td>04/27/2009</td> </tr> <tr> <td>Stefan Xalter</td> <td>04/27/2009</td> </tr> <tr> <td>Damian Fiolka</td> <td>04/27/2009</td> </tr> </tbody> </table>		Name	Execution Date	Frank Melzer	04/27/2009	Yim-Bun Patrick Kwan	04/27/2009	Stefan Xalter	04/27/2009	Damian Fiolka	04/27/2009
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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: 8777697945          Phone: (617) 542-5070          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 &amp; RICHARDSON P.C.          Address Line 2: P.O. BOX 1022          Address Line 4: MINNEAPOLIS, MINNESOTA 55440-1022</p>											
ATTORNEY DOCKET NUMBER:	22942-0028002										
NAME OF SUBMITTER:	Alissa Tizzano										
Total Attachments: 3 source=assignemnt#page1.tif source=assignemnt#page2.tif source=assignemnt#page3.tif											

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ASSIGNMENT

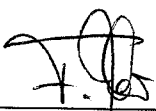
For valuable consideration, we, FRANK MELZER of Noerdlinger Str. 27, 73469, Utzmemmingen, YIM-BUN PATRICK KWAN of Warthelandstrasse 68, 73431 Aalen, Germany, STEFAN XALTER of Fruehlingstrasse 7, 73447 Oberkochen, Germany, DAMIAN FIOLKA of Heckenrosenweg 36, 73447 Oberkochen, Germany, hereby assign to:

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 OPTICAL SYSTEM FOR SEMICONDUCTOR LITHOGRAPHY, filed 2/17/2009, and assigned U.S. Serial Number 12/372,095, 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: Apr. 27, 2009

  
FRANK MELZER

Witnessed by:


Name: Christina Gonting

Date: April 27, 2009

Name: \_\_\_\_\_

Date: \_\_\_\_\_

Date: 27 April 2009

  
YIM-BUN PATRICK KWAN

Witnessed by:

Name: Christina Gonting

Date: April 27, 2009

Name: \_\_\_\_\_

Date: \_\_\_\_\_

Date: Apr. 27, 2009

  
STEFAN XALTER

Witnessed by:

Name: April 27, 2009

Date: April 27, 2009

Name: \_\_\_\_\_

Date: \_\_\_\_\_

Date: April 27<sup>th</sup> 2009

Damian Fiolka  
DAMIAN FIOLKA

Witnessed by:

Name: Christina Gontu

Date: April 27, 2009

Name: \_\_\_\_\_

Date: \_\_\_\_\_

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