

PATENT ASSIGNMENT

Electronic Version v1.1
 Stylesheet Version v1.1

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>Damian Fiolka</td> <td>03/09/2012</td> </tr> <tr> <td>Ralf Stuetzle</td> <td>03/06/2012</td> </tr> </tbody> </table>		Name	Execution Date	Damian Fiolka	03/09/2012	Ralf Stuetzle	03/06/2012				
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RECEIVING PARTY DATA											
<table border="1"> <tr> <td>Name:</td> <td>Carl Zeiss SMT GmbH</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 GmbH	Street Address:	Rudolf-Eber-Strasse 2	City:	Oberkochen	State/Country:	GERMANY	Postal Code:	73447
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PROPERTY NUMBERS Total: 1											
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CORRESPONDENCE DATA											
<p>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></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:	17979-0286001										
NAME OF SUBMITTER:	Alissa Tizzano										
Total Attachments: 3 source=Assignment#page1.tif source=Assignment#page2.tif source=Assignment#page3.tif											

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ASSIGNMENT

For valuable consideration, we, DAMIAN FIOLKA of Einsteinstrasse 25, 73447 Oberkochen, Germany, RALF STUETZLE of Eibenweg 28, 73430 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 ILLUMINATION OPTICAL UNIT FOR MICROLITHOGRAPHY, filed 2/10/2012, and assigned U.S. Serial Number 13/370,829, 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: March 09, 2012

Damian Fiolka
DAMIAN FIOLKA

Witnessed by:

Name: _____

Date: _____

Name: _____

Date: _____

Date: _____

RALF STUETZLE

Witnessed by:

Name: _____

Date: _____

Name: _____

Date: _____

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Date: _____

DAMIAN FIOLKA

Witnessed by:

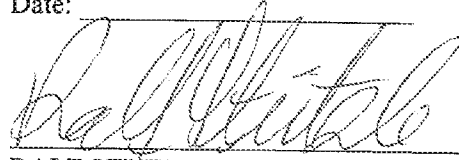
Name: _____

Date: _____

Name: _____

Date: _____

Date: 03/06/2012



RALF STUETZLE

Witnessed by:

Name: Edith Sey

Date: March 6, 2012

Name: _____

Date: _____

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