

PATENT ASSIGNMENT

Electronic Version v1.1
 Stylesheet Version v1.1

| SUBMISSION TYPE: | NEW ASSIGNMENT | | | | | | | | | | |
|--|--------------------------|---------------|-------------------|---------------------|-----------------------|-------------------|------------|----------------|--------------------------|--------------|------------|
| NATURE OF CONVEYANCE: | ASSIGNMENT | | | | | | | | | | |
| CONVEYING PARTY DATA | | | | | | | | | | | |
| <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 70%;">Name</th> <th style="width: 30%;">Execution Date</th> </tr> </thead> <tbody> <tr> <td>Aurelian Dodoc</td> <td>05/20/2010</td> </tr> <tr> <td>Sascha Bleidistel</td> <td>04/09/2010</td> </tr> <tr> <td>Olaf Conradi</td> <td>04/12/2010</td> </tr> <tr> <td>Arif Kazi</td> <td>04/01/2010</td> </tr> </tbody> </table> | | Name | Execution Date | Aurelian Dodoc | 05/20/2010 | Sascha Bleidistel | 04/09/2010 | Olaf Conradi | 04/12/2010 | Arif Kazi | 04/01/2010 |
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| RECEIVING PARTY DATA | | | | | | | | | | | |
| <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 20%;">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>FEDERAL REPUBLIC 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: | FEDERAL REPUBLIC GERMANY | Postal Code: | 73447 |
| Name: | Carl Zeiss SMT AG | | | | | | | | | | |
| Street Address: | Rudolf-Eber-Strasse 2 | | | | | | | | | | |
| City: | Oberkochen | | | | | | | | | | |
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| Postal Code: | 73447 | | | | | | | | | | |
| PROPERTY NUMBERS Total: 1 | | | | | | | | | | | |
| <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 30%;">Property Type</th> <th style="width: 70%;">Number</th> </tr> </thead> <tbody> <tr> <td>Application Number:</td> <td>12727482</td> </tr> </tbody> </table> | | Property Type | Number | Application Number: | 12727482 | | | | | | |
| Property Type | Number | | | | | | | | | | |
| Application Number: | 12727482 | | | | | | | | | | |
| CORRESPONDENCE DATA | | | | | | | | | | | |
| <p>Fax Number: (877)769-7945</p> <p><i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i></p> <p>Phone: 212-765-5070</p> <p>Email: alp@fr.com</p> <p>Correspondent Name: Chris C. Bowley</p> <p>Address Line 1: FISH & RICHARDSON P.C.</p> <p>Address Line 2: P.O.BOX 1022</p> <p>Address Line 4: MINNEAPOLIS, MINNESOTA 55440-1022</p> | | | | | | | | | | | |
| ATTORNEY DOCKET NUMBER: | 18239-0074001 | | | | | | | | | | |
| NAME OF SUBMITTER: | Alissa Passacantilli | | | | | | | | | | |
| Total Attachments: 2 | | | | | | | | | | | |

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ASSIGNMENT

For valuable consideration, we, AURELIAN DODOC of Ellwanger Strasse 21, 89522 Heidenheim, Germany, SASCHA BLEIDISTEL of Vorderer Kirchberg 31, 73432 Aalen, Germany, OLAF CONRADI of Weidenstrasse 32, 73463 Westhausen/Westerhofen, Germany, ARIF KAZI of Parkstrasse 2, 73430 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 MICROLITHOGRAPHIC PROJECTION EXPOSURE APPARATUS, filed 3/19/2010, and assigned U.S. Serial Number 12/727,482, 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: May 20th, 2010

Aurelian DODOC
AURELIAN DODOC

Witnessed by:

Name: A. Jankot

Date: May, 20, 2010

Name: _____

Date: _____

Date: Apr. 9th, 2010

Sascha BLEIDISTEL
SASCHA BLEIDISTEL

Witnessed by:

Name: Edith Sey

Date: April 9, 2010

Name: _____

Date: _____

Date: April 12th, 2010

Olaf CONRADI
OLAF CONRADI

Witnessed by:

Name: Monika Sestic

Date: April 12th, 2010

Name: Monika Sestic

Date: _____

Date: Apr. 1, 2010

ARIF KAZI
ARIF KAZI

Witnessed by:

Name: Edith Sey

Date: April 1, 2010

Name: _____

Date: _____

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