

PATENT ASSIGNMENT

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 Stylesheet Version v1.1

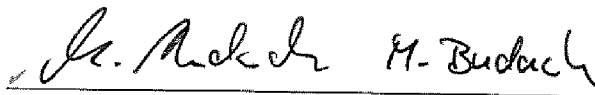
SUBMISSION TYPE:	NEW ASSIGNMENT										
NATURE OF CONVEYANCE:	ASSIGNMENT										
CONVEYING PARTY DATA											
<table border="1"> <thead> <tr> <th>Name</th> <th>Execution Date</th> </tr> </thead> <tbody> <tr> <td>Michael Budach</td> <td>02/12/2013</td> </tr> <tr> <td>Tristan Bret</td> <td>02/12/2013</td> </tr> <tr> <td>Klaus Edinger</td> <td>02/12/2013</td> </tr> <tr> <td>Thorsten Hofmann</td> <td>02/12/2013</td> </tr> </tbody> </table>		Name	Execution Date	Michael Budach	02/12/2013	Tristan Bret	02/12/2013	Klaus Edinger	02/12/2013	Thorsten Hofmann	02/12/2013
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Michael Budach	02/12/2013										
Tristan Bret	02/12/2013										
Klaus Edinger	02/12/2013										
Thorsten Hofmann	02/12/2013										
RECEIVING PARTY DATA											
Name:	Carl Zeiss SMS GmbH										
Street Address:	Carl-Zeiss-Promenade 10										
City:	Jena										
State/Country:	GERMANY										
Postal Code:	07745										
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>13805960</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	13805960						
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Application Number:	13805960										
CORRESPONDENCE DATA											
Fax Number:	8777697945										
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>											
Phone:	(617) 542-5070										
Email:	apsi@fr.com										
Correspondent Name:	Rex I. Huang										
Address Line 1:	FISH & RICHARDSON P.C.										
Address Line 2:	P.O. BOX 1022										
Address Line 4:	MINNEAPOLIS, MINNESOTA 55440-1022										
ATTORNEY DOCKET NUMBER:	30062-0063US1										
NAME OF SUBMITTER:	Diane M. Saturno										
Total Attachments: 3 source=30062-0063US1SMSassign#page1.tif source=30062-0063US1SMSassign#page2.tif source=30062-0063US1SMSassign#page3.tif											

CH \$40.00 13805960

ASSIGNMENT

For valuable consideration, we, MICHAEL BUDACH of Fliederstrasse 42, 63456 Hanau Germany, TRISTAN BRET of Kiesstrasse 94, 64287 Darmstadt, Germany, KLAUS EDINGER of Humboldtstrasse 13, 64653 Lorsch, Germany, and THORSTEN HOFMANN of Wismarer Strasse 16, 63110 Rodgau, Germany, hereby assign to Carl Zeiss SMS GmbH, a corporation of Germany having a place of business at Carl-Zeiss-Promenade 10, 07745 Jena, 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 and co-inventors HEIKO FELDMANN and JOHANNES RUOFF, entitled METHOD AND APPARATUS FOR ANALYZING AND/OR REPAIRING OF AN EUV MASK DEFECT, filed on December 20, 2012, and assigned U.S. Serial Number 13/805,960, 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: 12.2.2013


MICHAEL BUDACH

Witnessed by:


Name: T. Bret

Date: 12.2.2013

Name: _____

Date: _____

Date: 12.02.2013


TRISTAN BRET

Witnessed by:

Name: Michael Budach

Date: 12.2.2013

Name: _____

Date: _____

Date: 10.02.2013


KLAUS EDINGER

Witnessed by:

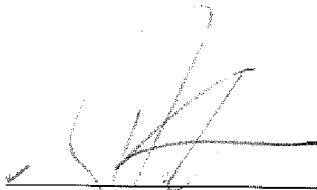
Name: S. Schiefel

Date: 10.2.13

Name: _____

Date: _____

Date: 12 2 2012



THORSTEN HOFMANN

Witnessed by:

Name: John Anderson Jr

Date: 12. 2. 2013

Name: _____

Date: _____

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