

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
Stylesheet Version v1.2

EPAS ID: PAT2777441

SUBMISSION TYPE:	CORRECTIVE ASSIGNMENT
NATURE OF CONVEYANCE:	Corrective Assignment to correct the EXECUTION DATE OF JOACHIM HARTJES previously recorded on Reel 032153 Frame 0660. Assignor(s) hereby confirms the CORRECT EXECUTION DATE SHOULD READ 02/04/2014.

CONVEYING PARTY DATA

Name	Execution Date
Joachim Hartjes	02/04/2014

RECEIVING PARTY DATA

Name:	CARL ZEISS SMT GMBH
Street Address:	RUDOLF-EBER-STRASSE 2
City:	OBERKOCHEN
State/Country:	GERMANY
Postal Code:	.

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	14162609

CORRESPONDENCE DATA

Fax Number: (877)769-7945
Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent via US Mail.
Phone: (617) 542-5070
Email: apsi@fr.com
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:	20228-0080001
NAME OF SUBMITTER:	ALISSA TIZZANO
SIGNATURE:	/Alissa/
DATE SIGNED:	03/20/2014

Total Attachments: 4

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PATENT

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REEL: 032485 FRAME: 0692

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
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EPAS ID: PAT2715204

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>Joachim Hartjes</td> <td>02/06/2014</td> </tr> </tbody> </table>		Name	Execution Date	Joachim Hartjes	02/06/2014
Name	Execution Date				
Joachim Hartjes	02/06/2014				
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>14162609</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	14162609
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Application Number:	14162609				
CORRESPONDENCE DATA					
Fax Number:	(877)769-7945				
Phone:	(617) 542-5070				
Email:	apsi@fr.com				
<i>Correspondence will be sent via US Mail when the email attempt is unsuccessful.</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:	20228-0080001				
NAME OF SUBMITTER:	ALISSA TIZZANO				
Signature:	/Alissa/				
Date:	02/06/2014				
Total Attachments: 2 source=Assignment#page1.tif source=Assignment#page2.tif					

ASSIGNMENT

For valuable consideration, I, JOACHIM HARTJES of Sonnenstrasse 3, 73433 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 me, entitled ARRANGEMENT FOR THERMAL ACTUATION OF A MIRROR IN A MICROLITHOGRAPHIC PROJECTION EXPOSURE APPARATUS, filed 1/23/2014, and assigned U.S. Serial Number 14/162,609, 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 I authorize the Assignee to apply in all countries in my 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 I agree for me and my 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: February 4, 2014

J. J. Harties
JOACHIM HARTIES

Witnessed by:

Name: *Edith Ly*

Date: February 4, 2014

Name: _____

Date: _____

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