01/13/2015 503134045

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT3180655

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
Jochen Hetzler	04/08/2013
Aksel Goehnermeier	06/05/2013

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

Property Type	Number
Application Number:	14524486

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

using a fax number, if provided; if that is unsuccessful, it will be sent via US Mail.

Phone: 6175425070 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:	23375-0009002	
NAME OF SUBMITTER:	ALISSA TIZZANO	
SIGNATURE:	/Alissa/	
DATE SIGNED:	01/13/2015	

Total Attachments: 3

source=ASsignment#page1.tif source=ASsignment#page2.tif source=ASsignment#page3.tif

> **PATENT** REEL: 034697 FRAME: 0833 503134045

Attorney's Docket No.: 23375-0009001 / ZE7062WOUS

<u>ASSIGNMENT</u>

For valuable consideration, we,

JOCHEN HETZLER of Stoeckenweg 12, 73434 Aalen, Germany, and

AKSEL GOEHNERMEIER of Huelbenweg 14, 73457 Essingen-Lauterburg, 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 PROJECTION EXPOSURE TOOL FOR MICROLITHOGRAPHY AND METHOD FOR MICROLITHOGRAPHIC IMAGING, filed 3/5/2013, and assigned U.S. Serial Number 13/785.707, 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.

Assignment Page 1 of 2

H18454662

PATENT

REEL: 034697 FRAME: 0834

Attorney's Docket No.: 23375-0009001 / ZE7062WOUS

Date:	
	JOCHEN HETZLER
Witnessed by:	
Name: Julia Hoursel	Date: JUNE OS, 2013
Name:	
Date: 3 4 4 0 5 20 13	AKSEL GOEHNERMEIER
Witnessed by:	AKSEL GOEQHEKWEIEK
Name:	Date:
Name:	Date:
30750820.doc	

Assignment Page 2 of 2

P1845416055

PATENT REEL: 034697 FRAME: 0835 Attorney's Docket No.: 23375-0009001 / ZE7062WOUS

Date: April 8, 2013	Joel flat z-
•	JOCHEN HETZLER
Witnessed by:	
Name: All In	Date: <u>April & 2013</u>
Name:	Date:
Date:	A L'ON COLLINED ATITO
Witnessed by:	AKSEL GOEHNERMEIER
Name:	Date:
Name:	Date:

30750820.doc

RECORDED: 01/13/2015

Assignment Page 2 of 2

7/84640000

PATENT REEL: 034697 FRAME: 0836