502139237 11/26/2012

PATENT ASSIGNMENT

Electronic Version v1.1 Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
Dirk Juergens	11/26/2012

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:	13626416

CORRESPONDENCE DATA

Fax Number: 8777697945

Correspondence will be sent via US Mail when the fax attempt is unsuccessful.

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: 17979-0352001

NAME OF SUBMITTER: Alissa Tizzano

Total Attachments: 1

source=Assignment#page1.tif

PATENT REEL: 029348 FRAME: 0769 540.00 13626416

Attorney's Docket No.: 17979-0352001 / P16930WOUS

ASSIGNMENT

For valuable consideration, I, <u>DIRK JUERGENS</u> of, 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 LITHOGRAPHIC SYSTEMS AND PROCESSES OF MAKING AND USING SAME, filed 9/25/2012, and assigned U.S. Serial Number 13/626,416, 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:	DIRK JUERGENS
Witnessed by:	
Name: Arrisána Gording	Date: November 26, 2012
Name:	Date:

22923636.doc

Assignment Page 1 of 1

PATENT REEL: 029348 FRAME: 0770