503828847 05/17/2016

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
Dirk Juergens	02/15/2010

RECEIVING PARTY DATA

Name:	CARL ZEISS SMT AG
Street Address:	RUDOLF-EBER-STRASSE 2
City:	OBERKOCHEN
State/Country:	GERMANY
Postal Code:	73447

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	15155613

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.

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ATTORNEY DOCKET NUMBER:	18233-0030004	
NAME OF SUBMITTER:	ALISSA TIZZANO	
SIGNATURE:	/Alissa/	
DATE SIGNED:	05/17/2016	

Total Attachments: 1

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PATENT 503828847 REEL: 038613 FRAME: 0876

Attorney's Docket No.: 18233-0030001 / P48781US

ASSIGNMENT

For valuable consideration, I, DIRK JUERGENS of Reichstaedterstrasse 17, 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

RECORDED: 05/17/2016

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 PROJECTION EXPOSURE METHOD, SYSTEM AND OBJECTIVE, filed 2/3/2010, and assigned U.S. Serial Number 12/699,529, 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: 02-15-10	DIRK JUERGENS /
Witnessed by:	
Name: With Sign	Date: February 15, 2010
Name:	Date:
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REEL: 038613 FRAME: 0877