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	02/15/2010

RECEIVING PARTY DATA

Name:	Carl Zeiss SMT AG
Street Address:	Rudolf-Eber-Strasse 2
City:	Oberkochen
State/Country:	FEDERAL REPUBLIC GERMANY
Postal Code:	73447

PROPERTY NUMBERS Total: 1

Property Type	Number	
Application Number:	12699529	

CORRESPONDENCE DATA

Fax Number: (877)769-7945

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

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ATTORNEY DOCKET NUMBER: 18233-0030001

NAME OF SUBMITTER: Alissa Passacantilli

Total Attachments: 1

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PATENT REEL: 023938 FRAME: 0628 CH \$40.00 1269

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

<u>ASSIGNMENT</u>

For valuable consideration, I, <u>DIRK JUERGENS</u> of <u>Reichstaedterstrasse 17, 73430</u>

<u>Aalen, Germany</u>, hereby assign to: <u>Carl Zeiss SMT AG</u>, a corporation of <u>Germany</u> 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 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: Jikh Ja	Date: February 15, 2010
Name:	Date:
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PATENT REEL: 023938 FRAME: 0629