

PATENT ASSIGNMENT COVER SHEET

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EPAS ID: PAT4120416

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
Michael Patra	09/10/2012
Stig Bieling	09/11/2012
Markus Deguenther	09/26/2012
Frank Schlesener	09/14/2012
Markus Schwab	09/11/2012
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:	15299562
CORRESPONDENCE DATA	
Fax Number:	(877)769-7945
<i>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.</i>	
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Email:	apsi@fr.com
Correspondent Name:	KA-LO YEH
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Address Line 2:	P.O.BOX 1022
Address Line 4:	MINNEAPOLIS, MINNESOTA 55440-1022
ATTORNEY DOCKET NUMBER:	18239-0091003
NAME OF SUBMITTER:	ALISSA TIZZANO
SIGNATURE:	/Alissa/
DATE SIGNED:	10/31/2016
Total Attachments: 3	

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ASSIGNMENT

For valuable consideration, we, MICHAEL PATRA of Schubartweg 41, 73447 Oberkochen, Germany, STIG BIELING of Im Unterfeld 18, 73434 Aalen, Germany, MARKUS DEGUENTHER of Langackerweg 20, 73432 Aalen, Germany, FRANK SCHLESENER of Nelkenweg 2, D-73447 Oberkochen, Germany, MARKUS SCHWAB of Limesstrasse 47/2, 73434 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 us, entitled ILLUMINATION SYSTEM OF A MICROLITHOGRAPHIC PROJECTION EXPOSURE APPARATUS, filed 9/5/2012, and assigned U.S. Serial Number 13/604,296, 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.

Date: Sep 10th, 2012 Michael Patra
MICHAEL PATRA

Witnessed by:

Name: Edith Sz Date: September 10, 2012

Name: _____ Date: _____

Date: 9/16/2012 Stig Bielng
STIG BIELING

Witnessed by:

Name: Edith Sz Date: September 11, 2012

Name: _____ Date: _____

Date: September 20th, 2012 Markus Deguenther
MARKUS DEGUENTHER

Witnessed by:

Name: Christina Gordon Date: September 26, 2012

Name: _____ Date: _____

Date: September 14th, 2012 Frank Schlesener
FRANK SCHLESENER

Witnessed by:

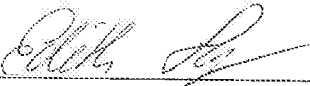
Name: Christina Gordon Date: September 14, 2012

Name: _____ Date: _____

Date: 09/11/2012

Markus Schwab
MARKUS SCHWAB

Witnessed by:

Name: 

Date: September 11, 2012

Name: _____

Date: _____

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