503162722 02/03/2015

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT3209337

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
Tilman Schwertner	05/15/2008
Ulrich Bingel	05/15/2008
Guido Limbach	05/16/2008
Julian Kaller	05/16/2008
Hans-Juergen Scherle	05/15/2008
Jens Kugler	05/19/2008
Dirk Schaffer	05/26/2008
Bernhard Gellrich	05/27/2008

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:	14560756

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: 23080-0011002

NAME OF SUBMITTER: ALISSA TIZZANO

SIGNATURE: /alissa/

DATE SIGNED:	02/03/2015
Total Attachments: 5	
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Attorney's Docket No.: 23080-011001 / 050425US02

ASSIGNMENT

For valuable consideration, we, <u>TILMAN SCHWERTNER</u> of <u>Egerlandstr 88, 73431</u>

<u>Aalen, Germany, ULRICH BINGEL</u> of <u>Hirtenteichstrasse 3, 73457 Lauterburg, Germany, GUIDO LIMBACH</u> of <u>Marderstrasse 20/4, 73434 Aalen, Germany, JULIAN KALLER</u> of <u>Steinheimer Weg 10, 89551 Koenigsbronn, Germany, HANS-JUERGEN SCHERLE</u> of <u>Heltensteinerstrasse 20, 73432 Aalen, Germany, JENS KUGLER</u> of <u>Goetzenbachstrasse 1, 73540 Heubach, Germany, DIRK SCHAFFER</u> of <u>Eisenbahnstrasse 9, 73431 Aalen, Germany, BERNHARD GELLRICH</u> of <u>Schnaitbergstrasse 3, 73434 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 us, entitled OPTICAL ELEMENT UNIT FOR EXPOSURE PROCESSES, filed 3/11/2008, and assigned U.S. Serial Number 12/046,186, and we authorize and request the attorneys appointed in said application to hereafter complete this assignment by inserting above the filing date and serial number of said application when known; 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: May 15th 2008	Tilman Sulmetres
·	TILMAN SCHWERTNER
Witnessed by:	
Name Comba Rull	Date: 15 4, 2608
Name:	Date:
Date:	
	ULRICH BINGEL
Witnessed by:	
Name:	Date:
Name:	Date:
•	
Date: May 16th 2008	GUIDO LIMBACH
Witnessed by:	
Name: Comeha Sull	Date: Jay 16 th 2008

Attorney's Docket No.: 23080-011001 / 050425US02

Date:	TILMAN SCHWERTNER
Witnessed by:	
Name:	Date:
Name:	Date:
Date: 15.05.2008	ULRICH BINGEL
Witnessed by:	
Name: HOULD FORFE	Date: 15th 2008
Name: Cliff Son	Date: May 15th 2008
·•	
Date:	
	GUIDO LIMBACH
Witnessed by:	
Name:	Date:
Name:	Date:

Date: Hay 16 14 2008	- C' Vall
, ,	JULIAN KALLER
Witnessed by:	
Name: Brake Write	Date:
Name:	Date:
Date: <u>May 15th 2008</u>	Hars- Türgen Scherle
Witnessed by:	
Name: Comela Trill	Date: Jay 15 1 2008
Name:	Date:
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Date: May, 19th, 2008	Jans Hugh JENS KUGLER
Witnessed by:	·
Name: Sabiue Lungo	Date: May 19th, 2008
Name:	Date:

PATENT **REEL: 034874 FRAME: 0262**

Attorney's Docket No.: 23080-011001 / 050425US02

Date: May 26 14 2008	DIRK SCHAFFER
Witnessed by:	
Name: Sabiue Jumps	Date: May 26th, 2008
Name:	Date:
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Date: May 27th, loop	Barkard Gellrich BERNHARD GELLRICH
Witnessed by:	
Name: Sasiuc Suuce	Date: May 27 th, 2008
Name:	Date:

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RECORDED: 02/03/2015