

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
Sonja Schneider	05/22/2014
Norbert Wabra	06/06/2014
Martin von Hodenberg	06/03/2014
Boris Bittner	05/22/2014
Ricarda Schneider	05/22/2014
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:	14272982
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>	
Phone:	(617) 956-5950
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:	21070-0078001
NAME OF SUBMITTER:	ALISSA TIZZANO
SIGNATURE:	/Alissa/
DATE SIGNED:	06/06/2014
Total Attachments: 4	
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ASSIGNMENT

For valuable consideration, the receipt of which we acknowledge, and intending to be bound legally, we, SONJA SCHNEIDER, NORBERT WABRA, MARTIN VON HODENBERG, BORIS BITTNER, and RICARDA SCHNEIDER, each individually assign to CARL ZEISS SMT GMBH, a corporation formed under the laws of and having a principal place of business at Rudolf-Eber-Strasse 2, 73447 Oberkochen, Germany, and its successors, transferees, and assignees (collectively the "Assignee"), all of our individual and joint right, title, and interest throughout the world in the subject matter (the "Subject Matter") of a patent application that names us as inventors, is titled "ILLUMINATION AND DISPLACEMENT DEVICE FOR A PROJECTION EXPOSURE APPARATUS", and was filed in the United States Patent and Trademark Office on May 8, 2014, as application 14/272,982 (the "Application").

This Assignment assigns (a) the Application and all other applications that may be made for, and all patents, utility models, design registrations, and other rights of exclusion and inventors' certificates for, any of the Subject Matter (collectively the "Applications and Granted Rights") in every country or region, (b) the right to claim priority based on and the benefit of the filing date of any of the Applications and Granted Rights under the International Convention for the Protection of Industrial Property, the Patent Cooperation Treaty, the European Patent Convention, and all other applicable treaties or conventions, and (c) the right to pursue, collect, and retain in the Assignee's name or otherwise, damages and any other remedies arising from any past, present, or future infringement of the Subject Matter, the Applications and Granted Rights, and any other rights assigned by this Assignment.

We authorize the Assignee to apply for and pursue protection for any or all of the Subject Matter, the Applications and Granted Rights, and any other rights assigned by this Assignment in all countries, regions, and territories of the world, in our names or in the Assignee's name.

We represent and warrant that we have the right and power to make this Assignment and that we have not made and will not make any other assignment that conflicts with this Assignment.

We will communicate to the Assignee (or at the request of the Assignee to other parties) all known facts in any form relating to the Subject Matter, will execute and provide all oaths and declarations, statements, testimony, assignments, powers of attorney, applications, and

documents, and will perform all other lawful acts necessary or desirable to secure fully to the Assignee the rights, titles, and interests assigned by this Assignment.

Sonja Schneider
Sonja Schneider

Date: May 22 2014

Witnessed by:

Signature: Christina Gerstung

Date: May 22, 2014

Print Name: Christina Gerstung

Signature: _____

Date: _____

Print Name: _____

Norbert Wabra
Norbert Wabra

Date: June 4 2014

Witnessed by:

Signature: Christina Gerstung

Date: June 4, 2014

Print Name: _____

Signature: _____

Date: _____

Print Name: _____

Martin von Hodenberg
Martin von Hodenberg

Date: June 2nd, 2014

Witnessed by:

Signature: Christina Gerstung

Date: June 3, 2014

Print Name: Christina Gerstung

Signature: _____

Date: _____

Print Name: _____

Boris Bittner
Boris Bittner

Date: May 22, 2014

Witnessed by:

Signature: Christina Gerstung

Date: May 22, 2014

Print Name: Christina Gerstung

Signature: _____

Date: _____

Print Name: _____

Ricarda Schneider
Ricarda Schneider

Date: May 22, 2014

Witnessed by:

Signature: Christina Gerstung

Date: May 22, 2014

Print Name: Christina Gerstung

Signature: _____

Date: _____

Print Name: _____

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