

## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1  
 Stylesheet Version v1.2

EPAS ID: PAT3472076

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
Sascha Bleidistel	01/30/2014
ULRICH SCHOENHOFF	01/30/2014
Juergen Fischer	02/13/2014
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	CARL ZEISS SMT GMBH
<b>Street Address:</b>	RUDOLF-EBER-STRASSE 2
<b>City:</b>	OBERKOCHEN
<b>State/Country:</b>	GERMANY
<b>Postal Code:</b>	73447
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
Application Number:	14818507
<b>CORRESPONDENCE DATA</b>	
<b>Fax Number:</b>	(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>	
<b>Phone:</b>	(650) 542-5070
<b>Email:</b>	apsi@fr.com
<b>Correspondent Name:</b>	SEAN P. DALEY
<b>Address Line 1:</b>	FISH & RICHARDSON P.C.
<b>Address Line 2:</b>	P.O.BOX 1022
<b>Address Line 4:</b>	MINNEAPOLIS, MINNESOTA 55440-1022
<b>ATTORNEY DOCKET NUMBER:</b>	20228-0079003
<b>NAME OF SUBMITTER:</b>	GINA MALDONADO
<b>SIGNATURE:</b>	/Gina Maldonado/
<b>DATE SIGNED:</b>	08/06/2015
<b>Total Attachments: 2</b>	
source=Assignment#page1.tif	
source=Assignment#page2.tif	

ASSIGNMENT

For valuable consideration, we, SASCHA BLEIDISTEL of Klosterstrasse 2, 73432 Aalen, Germany, ULRICH SCHOENHOFF of Silcherstrasse 17, 89231 Neu-Ulm, Germany, JURGEN FISCHER of Talhofstrasse 14, D-89518 Heidenheim, 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 ARRANGEMENT FOR ACTUATING AN ELEMENT IN A MICROLITHOGRAPHIC PROJECTION EXPOSURE APPARATUS, filed 1/17/2014, and assigned U.S. Serial Number 14/157,718, 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: January 30th, 2014 Sascha Bleidistel  
SASCHA BLEIDISTEL

Witnessed by:

Name: Christina Gerten Date: January 30, 2014

Name: \_\_\_\_\_ Date: \_\_\_\_\_

Date: January, 30th, 2014 Ulrich Schoenhoff  
ULRICH SCHOENHOFF

Witnessed by:

Name: Christina Gerten Date: January 30, 2014

Name: \_\_\_\_\_ Date: \_\_\_\_\_

Date: February 13, 2014 Juergen Fischer  
JUERGEN FISCHER

Witnessed by:

Name: Christina Gerten Date: February 13, 2014

Name: \_\_\_\_\_ Date: \_\_\_\_\_

23150989.doc