

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT	
NATURE OF CONVEYANCE:	ASSIGNMENT	
CONVEYING PARTY DATA		
Name		Execution Date
HOLGER KIEREY		09/17/2013
RECEIVING PARTY DATA		
Name:	CARL ZEISS LASER OPTICS GMBH	
Street Address:	CARL-ZEISS-STRASSE 22	
City:	OBERKOCHEN	
State/Country:	GERMANY	
Postal Code:	73447	
PROPERTY NUMBERS Total: 1		
Property Type	Number	
Application Number:	13971031	
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ATTORNEY DOCKET NUMBER:	23523-0024001	
NAME OF SUBMITTER:	ALISSA TIZZANO	
Signature:	/Alissa/	
Date:	10/31/2013	
Total Attachments: 2 source=Assignments_LaSEr#page1.tif source=Assignments_LaSEr#page2.tif		

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ASSIGNMENT

For valuable consideration, I, HOLGER KIEREY of Flamingoweg 13/1, 73434 Aalen, Germany, hereby assign to:

Carl Zeiss Laser Optics GmbH, a corporation of Germany having a place of business at:

Carl-Zeiss-Strasse 22
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 METHOD FOR PRODUCING A REFLECTIVE OPTICAL COMPONENT FOR AN EUV PROJECTION EXPOSURE APPARATUS AND COMPONENT OF THIS TYPE, filed 8/20/2013, and assigned U.S. Serial Number 13/971,031, 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: September 17, 2013

Holger Kierney
HOLGER KIERNEY

Witnessed by:

Name: _____

Date: _____

Name: _____

Date: _____

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