## 502639104 01/16/2014

## PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:		NEW ASSIGNMENT				
NATURE OF CONVEYANCE:		ASSIGNMENT				
CONVEYING PARTY DATA						
		N	lame	Execution Date		
TIMO LAUFER				10/21/2011		
RECEIVING PARTY DATA						
Name:	CARL ZEISS	SMT GN	<b>Л</b> ВН			
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State/Country:	GERMANY	GERMANY				
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Property Type  Application Number: 1304		130419	Number 989			
CORRESPONDENCE I	DATA					
Fax Number: (202)293-7860  Phone: 2022937060  Email: sughrue@sughrue.com, mjimenez@sughrue.com  Correspondence will be sent via US Mail when the email attempt is unsuccessful.  Correspondent Name: SUGHRUE MION PLLC  Address Line 1: 2100 PENNSYLVANIA AVENUE  Address Line 2: SUITE 800  Address Line 4: WASHINGTON, DISTRICT OF COLUMBIA 20037						
ATTORNEY DOCKET NUMBER:			Q123362			
NAME OF SUBMITTER:			MILLY JIMENZ			
Signature:			/Milly Jimenez/			
Date:			01/16/2014			
Total Attachments: 2 source=Q123362P1699 source=Q123362P1699						

PATENT REEL: 031986 FRAME: 0649

## Assignment

Whereas, I/We, LAUFER, Timo of Fangelsbachstraße 26, 70180 Stuttgart, Germany hereinafter called assignor, have invented certain improvements in

Protection module for EUV lithography apparatus, and EUV lithography apparatus and executed an application for Letters Patent of the United States therefor; and

Whereas, Carl Zeiss SMT GmbH, having a place of business at Rudolf-Eber-Strasse 2, 73447 Oberkochen, Germany, hereinafter called assignee, desires to acquire the entire right, title, and interest in the application and the invention disclosed therein, and to any United States patents to be obtained therefor;

Therefore, for valuable consideration, receipt whereof is hereby acknowledged,

I/We, the above named assignor, hereby state as follows:

To the extent that my entire right, title and interest in the application and the invention disclosed therein have not transferred to the assignee by virtue of applicable law and/or contract, I/we hereby sell, assign and transfer to the above named assignee, its successors and assigns, the entire/remaining, present/expectant right, title and interest in the application and the invention disclosed therein for the United States of America, including all divisionals and continuations thereof, and all Letters Patent of the United States that may be granted thereon, and all reissues thereof, including the right to claim priority under 35 U.S.C. §119, and for all countries foreign thereto, including rights of priority under applicable conventions and treaties; and I/we request the Director of the U.S. Patent and Trademark Office to issue any Letters Patent granted upon the invention set forth in the application to the assignee, its successors and assigns; and I/we hereby agree that the assignee may apply for foreign Letters Patent on the invention; and I/we will execute without further consideration all papers deemed necessary by the assignee in connection with the United States and foreign applications when called upon to do so by the assignee.

I/We hereby authorize and request the attorneys of Sughrue Mion, PLLC 2100 Pennsylvania Avenue, NW Suite 800 Washington, District of Columbia 20037-3213 USA to insert here in parentheses (Application number 13/041989, filed 1 August 2009 and

PATENT REEL: 031986 FRAME: 0650

Confirmation number	ber) the application number	r and filing date	of said application
when known.			
	Signature LAUFER, Timo	Oclober Date	211 20-7-1
	Typed or printed name		***************************************
Witnessed by:			
	Aristiya Girding Signature	Oclober Date	21, 2011
	Christina Getstung Typed or printed name		
TV 18.	typed of prince time.		
Witnessed by:			
	Signature	Date	***************************************
	Typed or printed name		

(Legalization not required for recording but is prima facie evidence of execution under 35 U.S.C. §261)

PATENT REEL: 031986 FRAME: 0651

**RECORDED: 01/16/2014**