PATENT ASSIGNMENT COVER SHEET

Electronic Version v1. Stylesheet Version v1				EPAS ID: PAT2685733		
SUBMISSION TYPE:			NEW ASSIGNMENT			
NATURE OF CONVEYA	NATURE OF CONVEYANCE:		ASSIGNMENT			
CONVEYING PARTY D	ATA					
		N	lame	Execution Date		
DIRK HEINRICH EHM				10/25/2011		
RECEIVING PARTY DA	 \TA					
Name:	CARL ZEISS	CARL ZEISS SMT GMBH				
Street Address:		RUDOLF-EBER-STRASSE 2				
City:	OBERKOCHE	OBERKOCHEN				
State/Country:	GERMANY	GERMANY				
Postal Code:	73447	73447				
PROPERTY NUMBERS Total: 1 Property Type Application Number: 130415		130419	Number 189			
Fax Number:		2)293-78				
Phone:		2937060				
Email: <i>Correspondence will be</i>			ughrue.com, mjimenez@sughrue.com <i>the email attempt is unsuccessful.</i>			
Correspondent Name:			MION PLLC			
Address Line 1: 2100 PENNSYLVANIA AVENUE						
	Address Line 2: SUITE 800					
Address Line 4:		3HING1	ON, 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	-					

Assignment

Whereas, I/We, EHM, Dirk Heinrich of Scheffelstrasse 5, 73466 Lauchheim, 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 forcign 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 U S A to insert here in parentheses (Application number 13/041989, filed 1 August 2009 and Confirmation number _____) the application number and filing date of said application when known.

male The	October 2514 2014
Signature	Date
EHM, Dirk Heinrich	
Typed or printed name	

Witnessed by:

ALC: 1		
Jugar le 18the	October	25 DM
Signiture	Date	}
Monika SESTIC		

Typed or printed name

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)