

PATENT ASSIGNMENT

Electronic Version v1.1

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SUBMISSION TYPE:	NEW ASSIGNMENT	
NATURE OF CONVEYANCE:	ASSIGNMENT	
CONVEYING PARTY DATA		
Name		Execution Date
Tilman Heil		04/24/2008
RECEIVING PARTY DATA		
Name:	Carl Zeiss SMT AG	
Street Address:	Rudolf-Eber-Strasse 2	
City:	Oberkochen	
State/Country:	FEDERAL REPUBLIC GERMANY	
Postal Code:	73447	
PROPERTY NUMBERS Total: 1		
Property Type	Number	
Application Number:	12053993	
CORRESPONDENCE DATA		
Fax Number:	(877)769-7945	
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>		
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ATTORNEY DOCKET NUMBER:	18239-055001	
NAME OF SUBMITTER:	Alissa Passacantilli	
Total Attachments: 1 source=ass055#page1.tif		

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PATENT
REEL: 020948 FRAME: 0984

ASSIGNMENT

For valuable consideration, I, TILMANN HEIL of Kurlandstrasse 13, 73431 Aalen, Germany, hereby assign to: Carl Zeiss SMT AG, 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 me, entitled MICROLITHOGRAPHIC PROJECTION EXPOSURE APPARATUS, filed 3/24/2008, and assigned U.S. Serial Number 12/053,993; 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: April 24, 2008

Tilmann Heil
TILMANN HEIL

Witnessed by:

Name: Sabine Lunge

Date: April 24th, 2008

Name: _____

Date: _____