

PATENT ASSIGNMENT

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
Markus Mengel	05/24/2011
RECEIVING PARTY DATA	
Name:	Carl Zeiss SMT GmbH
Street Address:	Rudolf-Eber-Strasse 2
City:	73447 Oberkochen
State/Country:	GERMANY
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	13084991
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NAME OF SUBMITTER:	Cheryl A. Forrest
Total Attachments: 1 source=MengelAssignment#page1.tif	

CH \$40.00 13084991

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PATENT
REEL: 026400 FRAME: 0983

ASSIGNMENT

For valuable consideration, I, MARKUS MENGEL of Taele 27, 89522 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 me, entitled METHOD AND APPARATUS FOR MODIFYING A SUBSTRATE SURFACE OF A PHOTOLITHOGRAPHIC MASK, filed 4/12/2011, and assigned U.S. Serial Number 13/084,991, 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: ✓ 5/24/2011

✓ Markus Mengel
MARKUS MENGEL

Witnessed by:

Name: Wolfgang Kempelmann

Date: 5/24/2011

Name: _____

Date: _____