

**PATENT ASSIGNMENT**

Electronic Version v1.1  
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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
Name	Execution Date
Hans-Juergen Mann	05/20/2010
<b>RECEIVING PARTY DATA</b>	
Name:	Carl Zeiss SMT AG
Street Address:	Rudolf-Eber-Strasse 2
City:	Oberkochen
State/Country:	FEDERAL REPUBLIC GERMANY
Postal Code:	73447
<b>PROPERTY NUMBERS Total: 1</b>	
Property Type	Number
Application Number:	12767574
<b>CORRESPONDENCE DATA</b>	
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NAME OF SUBMITTER:	Alissa Passacantilli
Total Attachments: 1 source=Assignment#page1.tif	

CH \$40.00 12767574

ASSIGNMENT

For valuable consideration, I, HANS-JUERGEN MANN of Katzenbachstrasse 49, 73447 Oberkochen, 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 IMAGING OPTICAL SYSTEM AND PROJECTION EXPOSURE APPARATUS FOR MICROLITHOGRAPHY INCLUDING AN IMAGING OPTICAL SYSTEM, filed 4/26/2010, and assigned U.S. Serial Number 12/767,574, 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: May 20th, 2010

  
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HANS-JUERGEN MANN

Witnessed by:

Name: Christina Gombay

Date: May 20, 2010

Name: \_\_\_\_\_

Date: \_\_\_\_\_