

PATENT ASSIGNMENT

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
Andras G. Major	07/21/2009
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:	12504591
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REEL: 023026 FRAME: 0418

ASSIGNMENT

For valuable consideration, I, ANDRAS G. MAJOR of Adolph-Kolping-Strasse 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 ILLUMINATION SYSTEM FOR ILLUMINATING A MASK IN A MICROLITHOGRAPHIC PROJECTION EXPOSURE APPARATUS, filed 7/16/2009, and assigned U.S. Serial Number 12/504,591, and I authorize and request the attorneys appointed in said application to hereafter complete this assignment by inserting above the filing date and serial number of said application when known; 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: 7/21/2009

Andras G. Major
ANDRAS G. MAJOR

Witnessed by:

Name: Paul J. Festic

Date: July 21st, 2009

Name: _____

Date: _____