

PATENT ASSIGNMENT

Electronic Version v1.1
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SUBMISSION TYPE:	NEW ASSIGNMENT										
NATURE OF CONVEYANCE:	ASSIGNMENT										
CONVEYING PARTY DATA											
<table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th style="width:70%;">Name</th> <th>Execution Date</th> </tr> </thead> <tbody> <tr> <td>Hans-Juergen Mann</td> <td>08/18/2008</td> </tr> <tr> <td>Daniel Kraehmer</td> <td>08/25/2008</td> </tr> <tr> <td>Aurelian Dodoc</td> <td>08/28/2008</td> </tr> <tr> <td>Toralf Gruner</td> <td>08/26/2008</td> </tr> </tbody> </table>		Name	Execution Date	Hans-Juergen Mann	08/18/2008	Daniel Kraehmer	08/25/2008	Aurelian Dodoc	08/28/2008	Toralf Gruner	08/26/2008
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Daniel Kraehmer	08/25/2008										
Aurelian Dodoc	08/28/2008										
Toralf Gruner	08/26/2008										
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											
<table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th style="width:30%;">Property Type</th> <th>Number</th> </tr> </thead> <tbody> <tr> <td>Application Number:</td> <td>12173595</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	12173595						
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CORRESPONDENCE DATA											
Fax Number:	(877)769-7945										
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>											
Phone:	(617) 542-5070										
Email:	ALP@fr.com										
Correspondent Name:	Michael R. Hamlin										
Address Line 1:	FISH & RICHARDSON P.C.										
Address Line 2:	P.O.BOX 1022										
Address Line 4:	MINNEAPOLIS, MINNESOTA 55440-1022										
ATTORNEY DOCKET NUMBER:	23136-0007001										
NAME OF SUBMITTER:	Alissa Passacantilli										
Total Attachments: 3											

CH \$40.00 12173595

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**PATENT
 REEL: 021509 FRAME: 0166**

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ASSIGNMENT

For valuable consideration, we, HANS-JUERGEN MANN of Katzenbachstrasse 49, 73447 Oberkochen, Germany, DANIEL KRAEHMER of Birnenweg 2, 73457 Essingen, Germany, AURELIAN DODOC of Schillerstrasse 15, 89522 Heidenheim, Germany, TORALF GRUNER of Opalstrasse 22, 73433 Aalen-Hofen, 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 us, entitled COMBINATION STOP FOR CATOPTRIC PROJECTION ARRANGEMENT, filed 7/15/2008, and assigned U.S. Serial Number 12/173,595, and we 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 we authorize the Assignee to apply in all countries in our 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 we agree for ourselves and our 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: Aug 18th, 2008


HANS-JUERGEN MANN

Witnessed by:

Name: Edith Soy

Date: August 18, 2008

Name: _____

Date: _____

Date: August 25th, 2008


DANIEL KRAEHMER

Witnessed by:

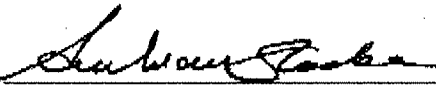
Name: Edith Soy

Date: August 25, 2008

Name: _____

Date: _____

Date: August 28, 2008


AURELIAN DODOC

Witnessed by:

Name: Edith Soy

Date: August 28, 2008

Name: _____

Date: _____

Date: August 26th 2008

Toralf Gruner
TORALF GRÜNER

Witnessed by:

Name: Edith Sj

Date: August 26, 2008

Name: _____

Date: _____

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