

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>KARL-HEINZ SCHUSTER</td> <td>04/28/2005</td> </tr> <tr> <td>HANS-JUERGEN ROSTALSKI</td> <td>05/03/2005</td> </tr> <tr> <td>AURELIAN DODOC</td> <td>05/02/2005</td> </tr> </tbody> </table>		Name	Execution Date	KARL-HEINZ SCHUSTER	04/28/2005	HANS-JUERGEN ROSTALSKI	05/03/2005	AURELIAN DODOC	05/02/2005
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KARL-HEINZ SCHUSTER	04/28/2005								
HANS-JUERGEN ROSTALSKI	05/03/2005								
AURELIAN DODOC	05/02/2005								
RECEIVING PARTY DATA									
Name:	CARL ZEISS SMT AG								
Street Address:	CARL-ZEISS-STR. 22								
City:	OBERKOCHEN								
State/Country:	GERMANY								
Postal Code:	D-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>11097398</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	11097398				
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Application Number:	11097398								
CORRESPONDENCE DATA									
Fax Number:	(248)649-3338								
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>									
Phone:	248-649-3333								
Email:	docket@ybpc.com								
Correspondent Name:	Young & Basile, P.C.								
Address Line 1:	3001 West Big Beaver Road								
Address Line 2:	Suite 624								
Address Line 4:	Troy, MICHIGAN 48084-3107								
NAME OF SUBMITTER:	ANDREW R. BASILE, SR.								
Total Attachments: 2 source=SHN-129-A ASSIGNMENT#page1.tif source=SHN-129-A ASSIGNMENT#page2.tif									

CH \$40.00 11097398

ASSIGNMENT

For valuable consideration, we,

Karl-Heinz SCHUSTER

Hans-Juergen ROSTALSKI

Aurelian DODOC

hereby assign to:

Carl Zeiss SMT AG, a corporation of **Germany** having a place of business at: Carl-Zeiss-Str. 22, D-73447 Oberkochen, DE; and its successors and assign (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

PROJECTION OBJECTIVE OF A MICROLITHOGRAPHIC EXPOSURE APPARATUS

filed 04/01/2005 and assigned U.S. Serial Number 11/097,398, 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 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: April 28, 2005 Karl-Heinz Schuster
Karl-Heinz SCHUSTER

Date: May 3rd, 2005 Hans-Juergen Rostalski
Hans-Juergen ROSTALSKI

Date: 02 May 2005 Aurelian DODOC
Aurelian DODOC