

PATENT ASSIGNMENT

Electronic Version v1.1

Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT										
NATURE OF CONVEYANCE:	ASSIGNMENT										
CONVEYING PARTY DATA											
<table border="1"><thead><tr><th>Name</th><th>Execution Date</th></tr></thead><tbody><tr><td>Birgit Enkisch</td><td>03/03/2005</td></tr><tr><td>Hartmut Enkisch</td><td>03/10/2005</td></tr><tr><td>Toralf Gruner</td><td>03/02/2005</td></tr></tbody></table>		Name	Execution Date	Birgit Enkisch	03/03/2005	Hartmut Enkisch	03/10/2005	Toralf Gruner	03/02/2005		
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RECEIVING PARTY DATA											
<table border="1"><tr><td>Name:</td><td>Carl Zeiss SMT AG</td></tr><tr><td>Street Address:</td><td>Carl-Zeiss-Strasse 22</td></tr><tr><td>City:</td><td>Oberkochen</td></tr><tr><td>State/Country:</td><td>GERMANY</td></tr><tr><td>Postal Code:</td><td>73447</td></tr></table>		Name:	Carl Zeiss SMT AG	Street Address:	Carl-Zeiss-Strasse 22	City:	Oberkochen	State/Country:	GERMANY	Postal Code:	73447
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PROPERTY NUMBERS Total: 1											
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CORRESPONDENCE DATA											
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ATTORNEY DOCKET NUMBER:	17979-010002										
NAME OF SUBMITTER:	Susan L. Brandt										
Total Attachments: 2 source=assignment17979010002#page1.tif											


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PATENT
REEL: 020449 FRAME: 0739

ASSIGNMENT

For valuable consideration, we, BIRGIT ENKISCH of 29/1 Schellingstrasse, Aalen, Germany 73431, HARTMUT ENKISCH of 29/1 Schellingstrasse, Aalen, Germany 73431, TORALF GRUNER of 22 Opalstrasse, Aalen-Hofen, Germany 73433, hereby assign to: Carl Zeiss SMT AG, a corporation of Germany having a place of business at: Carl-Zeiss-Strasse 22, Oberkochen, Germany 73447; 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 LENS MADE OF A CRYSTALLINE MATERIAL, filed 11/8/2004, and assigned U.S. Serial Number 10/983,569, 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.


BIRGIT ENKISCH

Witnessed by:

Name: Jruggard Bach

Date: March 3, 2005

Name: _____

Date: _____

H. Enkisch

HARTMUT ENKISCH

Witnessed by:

Name: Jruggard Bach

Date: March 10, 2005

Name: _____

Date: _____

Toralf Gruner

TORALF GRUNER

Witnessed by:

Name: Jruggard Bach

Date: March 2, 2005

Name: _____

Date: _____

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