

PATENT ASSIGNMENT

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| SUBMISSION TYPE: | NEW ASSIGNMENT |
| NATURE OF CONVEYANCE: | ASSIGNMENT |
| CONVEYING PARTY DATA | |
| Name | Execution Date |
| Bernhard Gellrich | 03/07/2008 |
| Ulrich Weber | 03/07/2008 |
| 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 | |
| Property Type | Number |
| Application Number: | 12029165 |
| CORRESPONDENCE DATA | |
| Fax Number: | (877)769-7945 |
| <i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i> | |
| Phone: | (617) 521-7004 |
| Email: | ALP@fr.com |
| Correspondent Name: | Sean M. Dean, Ph.D., J.D. |
| Address Line 1: | FISH & RICHARDSON P.C. |
| Address Line 2: | P.O.BOX 1022 |
| Address Line 4: | MINNEAPOLIS, MINNESOTA 55440-1022 |
| ATTORNEY DOCKET NUMBER: | 22942-015001 |
| NAME OF SUBMITTER: | Alissa Passacantilli |
| Total Attachments: 2 source=015ass#page1.tif source=015ass#page2.tif | |

CH \$40.00 12029165

ASSIGNMENT

For valuable consideration, we, BERNHARD GELLRICH of Hermelinstrasse 39/4, 73434 Aalen, Germany, ULRICH WEBER of Ensingerstrasse 53, 89073 Ulm, 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 REPLACEMENT DEVICE FOR AN OPTICAL ELEMENT, filed 2/11/2008, and assigned U.S. Serial Number 12/029,165, 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: March, 7th 2008

Bernhard Gellrich
BERNHARD GELLRICH

Witnessed by:

Name: Sabine Lugg

Date: March 7th, 2008

Name: _____

Date: _____

Date: March, 07, 2008

Ulrich Weber
ULRICH WEBER

Witnessed by:

Name: Sabine Lugg

Date: March 7th, 2008

Name: _____

Date: _____

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