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Please record the attached original documents or copies thereof.

1. Name of conveying party(ies): **Frank MELZER and Axel SCHOLZ**

2. Name and address of receiving party(ies):

CARL ZEISS SMT AG
Carl-Zeiss-Straße 22
73447 Oberkochen, GERMANY

3. Nature of conveyance:

XXXX

Assignment

Merger

Security Agreement

Change of Name

Other:

Execution Date: **May 2, 2006 and May 10, 2006 respectively**

4. Application number(s) or application date(s):

If this document is being filed together with a new application, the execution date of the application is:

A. Application/Patent No.

11/343,471

B. Application/Issue Date

January 31, 2006

5. Name and address of party to whom correspondence concerning this document should be mailed:

Charles N.J. Ruggiero
Ohlandt, Greeley, Ruggiero & Perle, L.L.P.
One Landmark Square, 10th Floor
Stamford, Connecticut 06901-2682 U.S.A.

6. Total No. of applications and patents involved: 1.

7. Total Fee (37 C.F.R. 3.41(h)) \$40.00/assignment.

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The Commissioner is hereby authorized to charge any additional fees under 37 C.F.R. 3.41 that may be required with this communication or credit any overpayment, to Deposit Account No. **01-0467**. A duplicate copy of this Form is enclosed.

To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.

Charles N.J. Ruggiero

Name of Person Signing

Signature

6/16/06

Date

Total number of pages including cover sheet, attachments and document: 5.

PATENT

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ASSIGNMENT

FOR valuable and legally sufficient considerations, receipt of which is hereby acknowledged, we, **Frank MELTZER**, a citizen of Germany, and a resident of Nördlinger Straße 27, D-73469 Riesbürg-Utzmemmingen, Germany and **Axel SCHOLZ**, a citizen of Germany, and a resident of Milanweg 2, 73434 Aalen, Germany have co-invented certain new and useful improvements in

**METHOD AND SYSTEM FOR INDIRECT DETERMINATION OF LOCAL IRRADIANCE
IN AN OPTICAL SYSTEM**

hereby assign to CARL ZEISS SMT AG, a German corporation having its principal office at Carl-Zeiss-Straße 22, 73447 Oberkochen, Germany (hereinafter referred to as "Assignee"), the entire right, title and interest in and to such invention, together with the patent rights and rights of protection to the same throughout the world, including any patent rights which may result from the application for United States Letters Patent which was filed in the United States Patent and Trademark Office on **January 31, 2006** as United States Patent Application Serial No. **11/343,471**, and any continuation, divisions, continuation-in-part applications, inventor's certificates and extensions thereof, preparatory to obtaining Letters Patent of the United States therefor; said invention, application and Letters Patent to be held and enjoyed by said Assignee for its own use and behoof and for the use and behoof of its successors and assigns, to the full end of the term for which said Letters Patent or other rights of protection may be granted as entirely as the same would have been held and enjoyed by us had the assignment not been made.

AND WE COVENANT and AGREE and WARRANT that we have full and unencumbered title to the invention hereby assigned, and we further covenant and agree that we have the right to grant such rights to said invention and application and Letters Patent and that we will, at any time upon request without cost to us or further

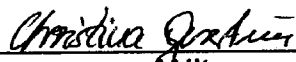
compensation, execute and deliver any and all papers or instruments that, in the opinion of the Assignee, may be necessary or desirable to secure said Assignee the full enjoyment of the rights and properties herein conveyed or intended to be conveyed by this instrument.

IN WITNESS WHEREFORE, we have hereunto set our hands and seal:

Date: May, 2nd, 2006

By: 
 Frank MELTZER
 MELZER 2-506 

Date: May, 2, 2006


 Witness Signature

Christina Gerstung
 Witness Printed Name
Carl Zeiss AG
 Witness Address
Patentabteilung
73446 Oberkochen

Date: May 10., 2006

LR
By: **Axel SCHOLZ**

Date: May 10, 2006

Christina Gerstung
Witness Signature

Christina Gerstung
Witness Printed Name

Carl Zeiss AG
Witness Address

Patentabteilung

73446 Oberkochen