

Docket No.: (Z) 01021 P US

FORM PTO-1596 (Modified)
(Rev. 03-01)
OMB No. 0651-0027 (exp.5/31/2002)
P08A/REV03

RECORDATION FORM COVER SHEET

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To the Honorable Commissioner of Patents and Trademarks: Please record the attached original documents or copy thereof.

1. Name of conveying party(ies):
Christa Müller 11/22/2003

Additional names(s) of conveying party(ies) Yes No

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

Name: Carl-Zeiss SMT AG

Address: Carl Zeiss Strasse 22

City: Oberkochen State/Prov.: _____

Country: Germany ZIP: DE-73447

Additional name(s) & address(es) Yes No

3. Nature of conveyance:

Assignment Merger

Security Agreement Change of Name

Other _____

Execution Date: November22, 2003

4. Application number(s) or patent numbers(s):

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

Patent Application No.	Filing date	B. Patent No.(s)
<u>09/969,441</u>	<u>October 1, 2001</u>	

Additional numbers Yes No

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

Name: M. Robert Kestenbaum

Registration No. 20,430

Address: 11011 Bermuda Dunes NE

City: Albuquerque State/Prov.: NM

Country: USA ZIP: 87111

6. Total number of applications and patents involved: **1**

7. Total fee (37 CFR 3.41):.....\$ 40.00

I PTO-2038 authorizing credit card payment is enclosed.

Authorized to be charged to deposit account

8. Deposit account number: _____

(Attach duplicate copy of this page if paying by deposit account)

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9. Statement and signature.
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.

M. Robert Kestenbaum *M. Robert Kestenbaum* December 2, 2003

Name of Person Signing Signature Date

Total number of pages including cover sheet, attachments, and **3**

Mail documents to be recorded with required cover sheet information to:
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Washington, D.C. 20231

PATENT

700054729

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ASSIGNMENT OF APPLICATION FOR PATENT

WHEREAS, the inventors identified below, (hereinafter referred to as ASSIGNORS), have invented a certain invention entitled: Partial Objective in an Illuminating System, for which application for Letters Patent of the United States (1) was executed on _____ or (2) was filed October 1, 2001, and received US Serial number 09/959,441, and

WHEREAS, Carl-Zeiss SMT AG, having its principal office at Carl Zeiss Strasse 22, DE-73447 Oberkochen, Germany, (hereinafter referred to as ASSIGNEE) is desirous of acquiring the entire interest in the United States in, to and under said invention, said application and the United States Letters Patent to be obtained therefor,

NOW, THEREFORE, TO ALL WHOM IT MAY CONCERN, Be it known that in consideration of the payment by ASSIGNEE to ASSIGNORS of the sum of One Dollar (\$1.00), the receipt of which is hereby acknowledged, and for other good and valuable consideration, ASSIGNORS hereby sell, assign, and transfer and confirm the sale, assignment and transfer to ASSIGNEE of the full and exclusive right, title and interest in the United States to said invention, said application, and all Letters Patent of the United States to be obtained on said application, and any continuation, division, renewal, substitute or reissue thereof for the full term or terms for which the same may be granted.

ASSIGNORS hereby covenant that no assignment, sale, agreement or encumbrance has been or will be made or entered into which would conflict with this assignment and sale.

ASSIGNORS further covenant that ASSIGNEE will, upon its request, be provided promptly with all pertinent facts and documents relating to said invention, said application, said Letters Patent and legal equivalents thereof, as may be known and accessible to ASSIGNORS and will testify as to the same in any interference, litigation or proceeding related thereto and will promptly execute and deliver to ASSIGNEE or its legal representatives any and all

papers, instruments or affidavits required to apply for, obtain, maintain and enforce said invention, said application, said Letters Patent and said equivalents thereof, which may be necessary or desirable to carry out the purposes thereof.

IN WITNESS WHEREOF, we have hereunto set hand and seal on the date set forth below:

1st Inventor's Signature Jörg SCHULTZ Date _____

Echistrasse 29, D-73430 Aalen, Germany
1st Inventor's Residence

2nd Inventor's Signature Alexander SOHMER Date _____

Jägeri Strasse 12, D-73447 Oberkochen, Germany
2nd Inventor's Residence

3rd Inventor's Signature Alexander EPPLE Date _____

Langerstrasse 28, D-73431 Aalen, Germany
3rd Inventor's Residence

4th Inventor's Signature Johannes WÄNGLER Date _____

An der Reute 15, D-89551, Königsbrunn, Germany
4th Inventor's Residence

5th Inventor's Signature Christa Müller (Legal Rep. for Janosch Müller, heir of Jürgen Grunwald fifth inventor, deceased 1998) Date Nov. 22, 2003

Römerweg 80, D-73642 Welzheim, Germany
5th Inventor's Residence

Christa Müller