

A/D 581-40

10/533603

12-30-2005

PCT/PTO 29 APR 2005

Form PTO-1595 (Rev. 03/01)



ET U.S. DEPARTMENT OF COMMERCE U.S. Patent and Trademark Office

OMB No. 0651-0027 (exp. 5/31/2002)

103147391

Tab settings

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

04-29-05

1. Name of conveying party(ies):

- 1) Thomas ENGEL
- 2) Herbert GROSS

Additional name(s) of conveying party(ies) attached? Yes No

2. Name and address of receiving party(ies)

Name: Carl Zeiss SMS GmbH

Internal Address: _____

Street Address: Carl-Zeiss-Promenade 10

D-07745 Jena, GERMANY

City: _____ State: _____ Zip: _____

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

3. Nature of conveyance:

- Assignment Merger
- Security Agreement Change of Name
- Other _____

1) March 31, 2005 and

Execution Date: 2) April 1, 2005, respectively

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

03/31/2005

If this document is being filed together with a new application, the execution date of the application is: 04/01/2005

A. Patent Application No.(s)

B. Patent No.(s)

Additional numbers attached? Yes No

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

Name: REED SMITH LLP

Internal Address: c/o Gerald H. Kiel

Street Address: 599 Lexington Avenue

City: New York State: NY Zip: 10022-7650

6. Total number of applications and patents involved: 1

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

- Enclosed
- Authorized to be charged to deposit account

8. Deposit account number:

50-1529

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

DO NOT USE THIS SPACE

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.

Gerald H. Kiel - Reg. No. 25,116

Name of Person Signing

Gerald H. Kiel
Signature

April 29, 2005

Date

Total number of pages including cover sheet, attachments, and documents: 4

Mail documents to be recorded with required cover sheet information to:

Mail Stop Assignment Recordation Services
Director of the US Patent and Trademark Office
P.O. BOX 1450
Alexandria, VA 22313-1450

ASSIGNMENT - PATENT APPLICATION

UNITED STATES OF AMERICA

Whereas, I/We Thomas Engel and Herbert Gross of Urbicher Weg 88, D-99102 Erfurt OT Niedernissa, Germany; and Ginsterweg 3/1, D-73457 Essingen, Germany, respectively (hereinafter "Assignor"), have invented certain new and useful improvements in METHOD FOR DETERMINING THE IMAGE QUALITY OF AN OPTICAL IMAGING SYSTEM for which application for Letters Patent in the United States of America _x_ is about to be filed; _____ has been filed.

And Whereas, Carl Zeiss SMS GmbH of Carl-Zeiss-Promenade 10, D-07745 Jena, Germany (hereinafter "Assignee") is/are desirous of acquiring an interest therein and in the Letters Patent to be obtained therefor:

Now, Therefore, be it known by all whom it may concern, that for good and valuable consideration (the sufficiency of which is hereby acknowledged) the Assignor has assigned, transferred and set over, and by these presents does assign, transfer and set over unto the said Assignee for the territory of the United States of America, the full and exclusive right, title and interest in and to the said invention, as fully set forth and described in the specification.

A. prepared and executed on even date(s) herewith _____

B. filed in the U.S. Patent and Trademark Office under Serial No. _____ on _____ including any division, continuation, substitute or renewal application thereof; said invention, application and Letters Patent to be held and enjoyed by the said Assignee to the full end of the term for which said Letters Patent is granted, as fully and entirely as the same would have been held by the Assignor had this assignment and

transfer not been made.

Assignor hereby authorizes and requests the Commissioner of Patents and Trademarks to issue any and all such Letters Patent for said invention to said Assignee.

In testimony whereof, the Assignor has hereunto set his hand this

31. March
~~01.~~ day of April 2005

WITNESS:

Asia Blumke

Petra Pentz

INVENTOR(S):

Thomas Engel
Thomas ENGEL

Herbert Gross
Herbert GROSS