



09-07-2007

Q101537

MODIFIED Form PTO-1595
(Rev. 10/02)U.S. DEPARTMENT OF COMMERCE
U.S. Patent and Trademark Office

103443087

To the Director of the U.S. Patent and Trademark Office: Please record the attached original documents or copy thereof.

1. Name of conveying party(ies):

Hans-Juergen ROSTALSKI
Heiko FELDMANN
Wilhelm ULRICH

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

CARL ZEISS SMT AG
Rudolf-Eber-Strasse 2
73447 Oberkochen GERMANYAdditional name(s) of conveying party(ies) attached? ☐ Yes ☒ No

3. Nature of conveyance:

- ☒ Assignment ☐ Merger
☐ Security Agreement ☐ Change of Name
☐ Other

Execution Date: July 19, 30 and 19, 2007

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

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

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

A. Patent Application No.(s)
11/747,630

B. Patent No.(s)

Additional numbers attached? ☐ Yes ☒ No

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

SUGHRUE MION, PLLC

WASHINGTON OFFICE

23373

CUSTOMER NUMBER

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 No. 19-4880.

The USPTO is directed and authorized to charge all required fees, except for the Issue Fee and the Publication Fee, to Deposit Account No. 19-4880. Please also credit any overpayments to said Deposit Account.

8. Deposit Account Number:

19-4880

(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.

George F. Lehnigk

Reg. No. 36,359

September 4, 2007

Date

Total number of pages including cover sheet, attachments, and documents: 2

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

MAIL STOP ASSIGNMENT RECORDATION SERVICES

Director of the U.S. Patent and Trademark Office

P.O. Box 1450

Alexandria, VA 22313-1450

09/06/2007 MJAMA1 00000043 11747630

01 FC:8021

40.00 DP

PATENT
REEL: 019807 FRAME: 0524

Assignment

Whereas, I/We, Hans-Juergen ROSTALSKI, Heiko FELDMANN, and Wilhelm ULRICH, of Oberkochen, GERMANY; Aalen, GERMANY; and Aalen, GERMANY, respectively, hereinafter called assignor(s), have invented certain improvements in

PROJECTION EXPOSURE APPARATUS, PROJECTION EXPOSURE METHOD AND PROJECTION OBJECTIVE

and executed an application for Letters Patent of the United States of America therefor; and

Whereas, CARL ZEISS SMT AG, of Rudolf-Eber-Strasse 2, 73447 Oberkochen, GERMANY (assignee), desires to acquire the entire right, title, and interest in the application and invention, and to any United States patents to be obtained therefor;

Now therefore, for valuable consideration, receipt whereof is hereby acknowledged,

I/We, the above named assignor(s), hereby sell, assign and transfer to the above named assignee, its successors and assigns, the entire right, title and interest in the application and the invention disclosed therein for the United States of America, including the right to claim priority under 35 U.S.C. §119, and I/we request the Director of the U.S. Patent and Trademark Office to issue any Letters Patent granted upon the invention set forth in the application to the assignee, its successors and assigns; and I/we will execute without further consideration all papers deemed necessary by the assignee in connection with the United States application when called upon to do so by the assignee.

I/We hereby authorize and request our attorneys SUGHRUE MION, PLLC of 2100 Pennsylvania Avenue, NW, Washington, DC 20037-3213 to insert here in parentheses (Application number 11/747,630 and Confirmation number 4866, filed May 11, 2007) the application number and filing date of said application when known.

Date: July 19 2007 Hans-Juergen Rostalski
s/Hans-Juergen ROSTALSKI

Date: July 30 2007 Heiko Feldmann
s/Heiko FELDMANN

Date: July 19 2007 Wilhelm Ulrich
s/Wilhelm ULRICH

(Legalization not required for recording but is prima facie evidence of execution under 35 U.S.C. §261)