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Q79423

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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):

David SHAFER
 Wilhelm ULRICH
 Aurelian DODOC
 Rudolf VON BUENAU
 Hans-Juergen MANN
 Alexander EPPLÉ



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

CARL ZEISS SMT AG
 Carl-Zeiss-Strasse 22
 73447 Oberkochen
 FEDERAL REPUBLIC OF GERMANY

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

3. Nature of conveyance:

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

Execution Date: May 10, 2005, April 29, 2005,
 May 2, 2005, May 10, 2005, May 10, 2005, and
 April 29, 2005

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)
 11/035,103

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.
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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.

George F. Lehnigk

Reg. No. 36,359

May 16, 2005

Date

Total number of pages including cover sheet, attachments, and documents: three (3)

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NUM363 D012

10/05/2005

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10/05/2005

14:31

CZ OKD PAT → 0071122297676

NUM292 D12

Docket No. Q79423
For Non-U.S. Clients**Assignment**

Whereas, I/We, David SHAFER, Wilhelm ULRICH, Aurelian DODOC, Rudolf VON BUENAU, Hans-Juergen MANN and Alexander EPPLE of Fairfield, Connecticut; Aalen, GERMANY; Oberkochen, GERMANY; Jena, GERMANY; Oberkochen, GERMANY; and Aalen, GERMANY, respectively, hereinafter called assignor(s), have invented certain improvements in

CATADIOPTRIC PROJECTION OBJECTIVE

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

Whereas, CARL ZEISS SMT AG, of Carl-Zeiss-Strasse 22, 73447 Oberkochen, FEDERAL REPUBLIC OF 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 11/035,103, filed January 14, 2005) the application number and filing date of said application when known.

Date:

David Shaper 10 May 2005
s/David SHAFER

Date:

29 - Apr - 2005
s/Wilhelm ULRICH

Date:

Aurelian DODOC 02 May 2005
s/Aurelian DODOC

Date:

s/Rudolf VON BUENAU

Date:

10 May - 2005
s/Hans-Juergen MANN

Date:

29 APR - 2005
s/Alexander EPPLE

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

11/05/2005

16:39

Ruff, Wilhelm, Beier, Dauster & Part. → 0012022937860

NUM363 0013

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Docket No. Q79423
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Whereas, CARL ZEISS SMT AG, of Carl-Zeiss-Strasse 22, 73447 Oberkochen, FEDERAL REPUBLIC OF 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.

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Date:

s/Hans-Juergen MANN

Date:

29 - APR - 2005

s/Alexander EPPLÉ

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