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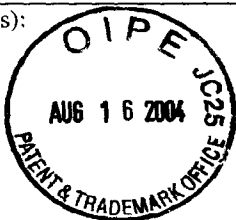
U.S. Patent and Trademark Office

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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):

Helmut HAIDNER
Markus GOEPPERT
Martin SCHRIEVER
Ulrich WEGMANN



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

CARL ZEISS SMT AG
Carl-Zeiss-Strasse 22,
73447 Oberkochen,
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: April 20, 2004, April 20, 2004, April 20,
2004 and April 14, 2004

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)
10/766,014

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.

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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

August 16, 2004

Date

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

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PATENT
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Assignment

Whereas, I/We, Helmut HAIDNER , Markus GOEPPERT , Martin SCHRIEVER and Ulrich WEGMANN of Aalen, GERMANY, Aalen, GERMANY, Aalen, GERMANY, and Koenigsbronn, GERMANY, respectively, hereinafter called assignor(s), have invented certain improvements in

APPARATUS AND METHOD FOR MEASURING THE WAVEFRONT OF AN OPTICAL SYSTEM

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

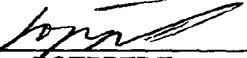
Whereas, CARL ZEISS SMT AG, Carl-Zeiss-Strasse 22, 73447 Oberkochen, GERMANY (assignee), desires to acquire the entire right, title, and interest in the application and invention, and to any United States patents to be obtained therefor;

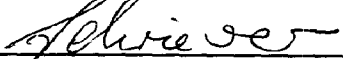
Now therefore, for valuable consideration, receipt whereof is hereby acknowledged,

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 10/766,014 filed January 29, 2004) the application number and filing date of said application when known.

Date: 04/20/04 
s/Helmut HAIDNER

Date: 04/20/04 
s/Markus GOEPPERT

Date: 04/20/04 
s/Martin SCHRIEVER

Date: 04/14/04 
s/Ulrich WEGMANN

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