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RECORD

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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):
Markus BROTSACK

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

2. Name and address of receiving party(ies):
CARL ZEISS SMT AG
Carl-Zeiss-Strasse 22
73447 Oberkochen
FEDERAL REPUBLIC OF GERMANY

3. Nature of conveyance:
 Assignment Merger
 Security Agreement Change of Name
 Other

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

Execution Date: October 2, 2005
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)
11/175,172


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
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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  Rg. No. 36,359
November 14, 2005
Date

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Assignment

Whereas, I/We, Markus BROTSACK of Aalen, GERMANY, hereinafter called assignor(s), have invented certain improvements in

ILLUMINATION SYSTEM FOR MICROLITHOGRAPHY

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 11/175,172, filed July 7, 2005) the application number and filing date of said application when known.

Date:

Oct. 02, 2005 

s/Markus BROTSACK

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