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To the Honorable Commissioner of Patents

checked original documents or copy thereof

1. Name of conveying party(ies):

- 1. Karl-Heinz Schuster
- 2. Christian Wagner
- 3. Martin Schriever

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

Name: Carl-Zeiss-Stiftung
Heidenheim/Brenz

Address: Carl Zeiss
73446 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: 1. 21 Mar 01
2. 15 Mar 01
3. 19 Mar 01

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.
09/797,961

B. Patent No.

Additional numbers attached? Yes No

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

Name: Walter Ottesen
Patent Attorney

Address: P.O. Box 4026
Gaithersburg, Maryland 20885-4026

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:

15-0773

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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.

Walter Ottesen
Name of Person Signing

Walter Ottesen
Signature

April 2, 2001
Date

Total number of pages comprising cover sheet: 3

Mail documents to be recorded with required cover sheet information to:
Commissioner of Patents & Trademarks, Box Assignments
Washington, D.C. 20231

04/17/2001 6TDN11 00000086 09797961
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ASSIGNMENT

Whereas, We, KARL-HEINZ SCHUSTER of Rechbergstrasse 24, 89551 Königsbronn, Federal Republic of Germany, CHRISTIAN WAGNER of Weidenfeld 8, 73430 Aalen, Federal Republic of Germany, and MARTIN SCHRIEVER of Auf der Heide 25, 73431 Aalen, Federal Republic of Germany, have invented certain new and useful improvements in Projection Exposure System for Microlithography and Method for Generating Microlithographic Images for which application for United States Letters Patent has been executed on even date herewith, (said application having Attorney Docket No. 00020); and,

Whereas, CARL-ZEISS-STIFTUNG, Heidenheim-Brenz, a foundation organized and existing under the laws of the Federal Republic of Germany, doing business under the firm name CARL ZEISS, having its principal office at 73446 Oberkochen, Federal Republic of Germany (hereinafter referred to as ZEISS), is desirous of obtaining Letters Patent for said invention in the United States;

Now, therefore, we hereby confirm that for good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, we have transferred unto said ZEISS, its successors, assigns, nominees or other legal representatives, the full and exclusive right to said invention in the United States and have agreed to assign and transfer and do hereby assign and transfer unto said ZEISS, its successors, assigns, nominees or other legal representatives, the full and exclusive right, title and interest in and to said application including all priority rights under the International Convention for the Protection of Industrial Property associated therewith and the full and exclusive right to any and all Letters Patent which may be granted in the United States on said application.

We agree for ourselves and for our heirs, executors and administrators to communicate to said ZEISS, its successors, assigns, nominees or other legal representatives, all facts known to us respecting said improvements, whenever requested, and testify in any

legal proceeding, sign all lawful papers, execute all divisional, continuing and reissue applications, make all rightful oaths and do all lawful acts requisite for the application, for such divisional, continuing or reissue applications or the procuring thereof, and we further covenant and agree that we will, at any time upon request, do everything legally possible to aid said ZEISS, its successors, assigns, nominees or other legal representatives, either in its or their own name, to maintain and enforce any patent for said improvements without further consideration but at the expense of said ZEISS, its successors, assigns, nominees or other legal representatives.

We hereby authorize and request the United States Commissioner of Patents and Trademarks to issue any and all Letters Patent which may be granted upon any of said applications, to said ZEISS as the Assignee of the entire right, title and interest in and to the same, for its sole use and behoof; and for the use and behoof of its successors, assigns, nominees, or other legal representatives, to the full end of the term for which said Letters Patent may be granted.

Witness:

J. Bach

Karl-Heinz Schuster
Karl-Heinz Schuster

Date: 3/21/2001

Witness:

J. Bach

Christian Wagner
Christian Wagner

Date: 3/15/01

Witness:

J. Bach

Martin Schriever
Martin Schriever

Date: 3/19/01