

BOX ASSIGNMENTS

08-09-2004

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EET ONLY

TO THE DIRECTOR OF THE US PATENT AND TRADEMARK OFFICE  
SIR: PLEASE RECORD THE ATTACHED



102809027

THEREOF.

1. NAME OF CONVEYING PARTY(IES)

- 1. Sicco Ian SCHETS
- 3. Allan Reuben DUNBAR
- 5.
- 7.

7-27-04

- 2. Jeroen HUIJBREGSTSE
- 4. Nicolaas Petrus VAN DER AA
- 6.
- 8.

ADDITIONAL NAME(S) OF CONVEYING PARTY(IES) ATTACHED?  YES  NO

JUL 27 2004

2. PARTY(IES) (ASSIGNEE(S)) RECEIVING INTEREST:

NAME: ASML NETHERLANDS B.V.

ADDRESS: De Run 6501, NL-5504 DR Veldhoven, The Netherlands

ADDITIONAL NAME(S) & ADDRESS(ES) ATTACHED?  YES  NO

3. NATURE OF CONVEYANCE (DOCUMENT):

(Submit herewith only one document for recordation—multiple copies of same Assignment signed by different inventors is one document)

- ASSIGNMENT OF  WHOLE  PART INTEREST
- ORIGINAL  FACSIMILE/PHOTOCOPY
- CHANGE OF NAME  VERIFIED TRANSLATION
- SECURITY  MERGER  OTHER:

EXEC. DATE: July 8, 2004; July 8, 2004; July 12, 2004; July 9, 2004, respectively

EXECUTION DATE(S) ON THE DECLARATION IF FILED HERewith: (NOTE: IF DATES ON DECLARATION AND ASSIGNMENT DIFFER SEE ATTY!)

4.5 APPL. NO.(S) OR PAT NO.(S). OTHERS ON ADDITIONAL SHEET(S) attached?  YES  NO

| A: PAT. APP. NO.(S)<br>series/code/serial no. | M#      | 1 <sup>st</sup> INVENTOR<br>if not in item 1 | B: PATENT NO(S) | M# | 1 <sup>st</sup> INVENTOR<br>if not in item 1 |
|---|---------|--|-----------------|----|--|
| 10/736,911                                    | 0307257 | SCHETS                                       |                 |    |  |

5. Name & Address of Party to Whom Correspondence Concerning Document Should be Mailed:

Pillsbury Winthrop LLP  
Intellectual Property Group  
P.O. Box 10500 McLean, VA 22102

6. NUMBER INVOLVED:

APPLNS 1 + PATS 0 = TOTAL = 1

7. AMOUNT OF FEE DUE: (Code 8021)

ABOVE TOTAL x \$40 = \$40

5.5 ATTY DKT:

0307257 P-1765.000-US  
MATTER NO. CLIENT REF.

8. PLEASE CHARGE TO OUR DEPOSIT ACCOUNT

NUMBER: 03-3975  
UNDER ORDER NO 081468 0307257  
dup. sheet not required CLIENT NO. MATTER NO.

9. 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.

Signature

Attorney: Kerry T. Hartman, Reg. No. 41818

10. Total number of pages including this cover sheet, attachments and document (do not file dup. Cover sheet)

4

Date: July 27, 2004  
Atty/Sec: KTH/ntb TEL: (703) 905-2085 FAX: (703) 905-2500

FILE WITH PTO RETURN RECEIPT (PAT-103A)

08/06/2004 MGETACHE 00000255 033975 10736911

01 FC:8021 40.00 DA

Please return signed/recorded to:

Pillsbury Winthrop LLP  
Intellectual Property Group  
P.O. Box 10500  
McLean, VA 22102

|            |           |              |
|------------|-----------|--------------|
| Atty. Dkt. | PW 307257 | P1765.000-US |
|            | M#        | Client Ref.  |

**ASSIGNMENT**  
**of U.S. Origin Patent Application**

WHEREAS, the undersigned, to wit:

- |                               |                                      |
|-------------------------------|--------------------------------------|
| 1) <u>Sicco Ian SCHETS</u>    | 2) <u>Jeroen HUIJBREGSTSE</u>        |
| 3) <u>Allan Reuben DUNBAR</u> | 4) <u>Nicolaas Petrus VAN DER AA</u> |
| 5) _____                      | 6) _____                             |
| 7) _____                      | 8) _____                             |

(hereinafter collectively ASSIGNOR), has/have made an invention known as Dkt. 81468/307257

and entitled: Method for Position Determination, Method for Overlay Optimization, and Lithographic Projection Apparatus

for which an application for Letters Patent of the United States

- was executed even date herewith and is about to be filed in the United States Patent and Trademark Office;
- was filed on December 17, 2003, Appln. No. 10/736,911 ;

AND WHEREAS ASML NETHERLANDS B.V.

(hereinafter ASSIGNEE), duly organized and existing under the laws of the State of The Netherlands

De Run 6501, NL-5504 DR Veldhoven, The

and having its principal office and place of business at Netherlands

desires to acquire an interest therein;







NOW, THEREFORE, in consideration of Ten Dollars (\$10.00) and other good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, the said ASSIGNOR, does hereby sell, assign and transfer unto ASSIGNEE, its successors, assigns and legal representatives, the full and exclusive right, title and interest to the said invention in the United States and all foreign countries, as described in the aforesaid application, and to the said application and to all continuations, divisions, reissues and substitutes of said application, together with the right of priority under the International Convention for the Protection of Industrial Property, Inter-American Convention Relating to Patents, Designs and Industrial Models, and any other international agreements to which the United States of America adheres, and ASSIGNOR hereby authorizes and requests the Commissioner of Patents to issue said Letters Patent to ASSIGNEE, for its interest as ASSIGNEE, its successors, assigns and legal representatives.

AND ASSIGNOR hereby agrees to execute any papers requested by ASSIGNEE, its successors, assigns and legal representatives, deemed essential to ASSIGNEE's full protection and title in and to the invention hereby transferred.

ASSIGNOR furthermore agrees upon request of said ASSIGNEE, and without further remuneration, to execute any and all papers desired by said ASSIGNEE for the filing and granting of foreign applications and the perfecting of title thereto in said ASSIGNEE.

NOTE: The undersigned hereby authorizes Pillsbury Winthrop LLP of the above address to insert hereon any further identification necessary or desirable for recordation of this document.

Executed on the date(s) below indicated.


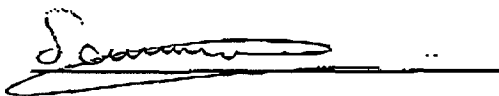
| <u>Signature</u>  | <u>Date Signed</u> | <u>Witness</u>  |
|---|--------------------|---|
| 1) <br>Name: <del>Siago Jan SCHETS</del>     | 8/7/04             | <br>Janneke Keijzers   |
| 2) <br>Name: Jeroen<br>HUIJBREGTSE           | 8/7/04             | <br>Janneke Keijzers   |
| 3) _____<br>Name: Allan Reuben<br>DUNBAR  | _____              | _____   |
| 4) <br>Name: Nicolaas Petrus VAN<br>DER AA | 9/7/04             | <br>Janneke Keijzers |
| 5) _____<br>Name: _____   | _____              | _____   |
| 6) _____<br>Name: _____   | _____              | _____   |
| 7) _____<br>Name: _____   | _____              | _____   |
| 8) _____<br>Name: _____   | _____              | _____   |

AND ASSIGNOR hereby agrees to execute any papers requested by ASSIGNEE, its successors, assigns and legal representatives, deemed essential to ASSIGNEE's full protection and title in and to the invention hereby transferred.

ASSIGNOR furthermore agrees upon request of said ASSIGNEE, and without further remuneration, to execute any and all papers desired by said ASSIGNEE for the filing and granting of foreign applications and the perfecting of title thereto in said ASSIGNEE.

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Executed on the date(s) below indicated.

| <u>Signature</u>  | <u>Date Signed</u> | <u>Witness</u>   |
|---|--------------------|--|
| 1) _____<br>Name: Sicco Ian SCHETS  | _____              | _____  |
| 2) _____<br>Name: Jeroen<br>HUIJBREGSTSE  | _____              | _____  |
| 3) <br>Name: Allan Reuben<br>DUNBAR | 12-7-03            |  |
| 4) _____<br>Name: Nicolaas Petrus VAN<br>DER AA   | _____              | _____  |
| 5) _____<br>Name:   | _____              | _____  |
| 6) _____<br>Name:   | _____              | _____  |
| 7) _____<br>Name:   | _____              | _____  |
| 8) _____<br>Name:   | _____              | _____  |