

BOX ASSIGNMENTS

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RECORDATION FORM COVER SHEET
PATENT APPLICATIONS & PATENTS ONLY

TO THE DIRECTOR OF THE US PATENT AND TRADEMARK OFFICE:
SIR: PLEASE RECORD THE ATTACHED ORIGINAL DOCUMENTS OR COPY THEREOF.

1. NAME OF CONVEYING PARTY(IES) (ASSIGNORS(S)):

- | | |
|--|---|
| 1. VAN BILSEN, Franciscus Bernardus Maria - 01/20/2004 | 2. BURGHOORN, Jacobus - 01/20/2004 |
| 3. VAN HAREN, Richard Johannes Franciscus - 01/20/2004 | 4. HINNEN, Paul Christiaan - 01/20/2004 |
| 5. VAN HORSSSEN, Hermanus Gerardus - 01/20/2004 | 6. HUIJBREGTSE, Jeroen - 01/20/2004 |
| 7. JEUNINK, Andre Bernardus - 01/20/2004 | 8. MEGENS, Henry - 01/20/2004 |

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

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

NAME: ASML NETHERLANDS B.V.

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

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)

- | | | |
|---|---|--|
| <input checked="" type="checkbox"/> ASSIGNMENT OF | <input checked="" type="checkbox"/> WHOLE | <input type="checkbox"/> PART INTEREST |
| <input type="checkbox"/> ORIGINAL | <input checked="" type="checkbox"/> FACSIMILE/PHOTOCOPY | |
| <input type="checkbox"/> CHANGE OF NAME | <input type="checkbox"/> VERIFIED TRANSLATION | |
| <input type="checkbox"/> SECURITY <input type="checkbox"/> MERGER | <input checked="" type="checkbox"/> OTHER: Corrective Assignment -- Reel 014997, Frame 0331 | |

EXEC. DATE: See above and attachment

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) series code/serial no.	M#	1 st INVENTOR if not in item 1	B: PATENT NO.(S)	M#	1 st INVENTOR if not in item 1
10/665,404	0305376				

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

Pillsbury Winthrop Shaw Pittman, LLP
P.O. Box 10500
1650 Tysons Boulevard
McLean, VA 22012

6. NUMBER INVOLVED:
APPLNS 1 + PATS 0 = TOTAL = 1

7. AMOUNT OF FEE DUE: (Code 8021)
ABOVE TOTAL x \$40 = \$40 (previously paid on February 10, 2004)

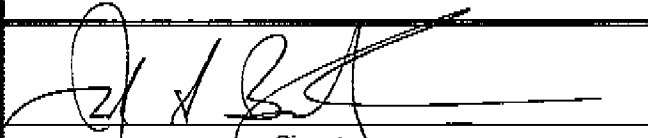
5.5 ATTY DKT:

P 305376	P-0362.010-US
MATTER NO.	CLIENT REF.

8. PLEASE CHARGE TO OUR DEPOSIT ACCOUNT
NUMBER: 03-3975

UNDER ORDER NO	081468	305376
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

10. Total number of pages including this cover sheet, attachments and document (do not file dup. Cover sheet)	6
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Attorney: Jack S. Barafka
Reg. No. 37087
Atty/Sec: JSB/cms

Date: February 15, 2007
FAX: (703) 770-7901

TEL: (703) 770-7712

FILE WITH PTO RETURN RECEIPT (PAT-103A)

PATENT

Continuation of item 1 RE	
Name of assignor(s)	
9. NAVARRO Y KOREN, Ramon - 01/20/2004	10. TOLSMA, Hoite Pieter Theodoor - 01/20/2004
11. SIMONS, Hubertus Johannes Gertrudus - 01/20/2004	12. SCHUURHUIS, Johnny Rutger - 01/20/2004
13. SCHETS, Sicco Ian - 01/20/2004	14. LEE, Brian - 12/12/2003
15. DUNBAR, Allan - 01/16/2004	16.
17.	18.
19.	20.

BOX ASSIGNMENTS

FEB 10 2004

02-20-2004

DO NOT USE FOR TRADEMARKS



102674070

TO THE DIRECTOR OF THE US PATENT
SIR: PLEASE RECORD THE ATTACHED C

OF.

1. NAME OF CONVEYING PARTY(IES) (ASSIGNORS(S)):

- | | |
|---|----------------------------|
| 1. VAN BILSEN, Franciscus Bernardus Maria | 2. BURGHOOORN, Jacobus |
| 3. VAN HAREN, Richard Johannes Franciscus | 4. HINNEN, Paul Christiaan |
| 5. VAN HORSSSEN, Hermanus Gerardus | 6. HUIJBREGTSE, Jeroen |
| 7. JEUNINK, Andre Bernardus | 8. MEGENS, Henry |

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

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

NAME: ASML NETHERLANDS B.V.

ADDRESS: De Run 1110, NL-5503 LA 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)

- | | | |
|---|---|--|
| <input checked="" type="checkbox"/> ASSIGNMENT OF | <input checked="" type="checkbox"/> WHOLE | <input type="checkbox"/> PART INTEREST |
| <input checked="" type="checkbox"/> ORIGINAL | <input type="checkbox"/> FACSIMILE/PHOTOCOPY | |
| <input type="checkbox"/> CHANGE OF NAME | <input type="checkbox"/> VERIFIED TRANSLATION | |
| <input type="checkbox"/> SECURITY | <input type="checkbox"/> MERGER | <input type="checkbox"/> OTHER: |

EXEC. DATE: January 20, 2004

EXECUTION DATE(S) ON THE DECLARATION IF FILED HEREWITH: (NOTE: IF DATES ON DECLARATION AND ASSIGNMENT DIFFER SEE ATTY!) January 20, 2004

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

PAT. APP. NO.(S)	NO.	IF INVENTOR	PATENT NO.(S)	NO.	IF INVENTOR
Serial/Co-patent no.		of the item			of the item
107665,404	305376				

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

Pillsbury Winthrop LLP
Intellectual Property Group
 1133 Connecticut Avenue, NW Washington, DC 20036

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:

P 305376	P-0362.010-US	UNDER ORDER NO	081468	305376
MATTER NO.	CLIENT REF.	dup. sheet not required	CLIENT NO.	MATTER NO.

8. PLEASE CHARGE TO OUR DEPOSIT ACCOUNT

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: Henry J. Daley

Reg. No. 42459

Atty/Sec: HJD/RSP

TEL: (202) 775-9832

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

6

Date: February 10, 2004

FAX: (202) 833-8491

FILE WITH PTO RETURN RECEIPT (PAT-103A)

Continuation of item 1 RE	
Name of assignor(s)	
9. NAVARRO Y KOREN, Ramon	10. TOLSMA, Hoite Pieter Theodoor
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13. SCHETS, Sicco Ian	14. LEE, Brian
15. DUNBAR, Allan	16.
17.	18.
19.	20.

Please return signed/recorded to: ---

- For Inventions made outside USA
executed with or after application

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

USA Patent Appln.
Sole or Joint

Atty Dkt. P 305376	P-0362 010-US
M#	Client Ref

NONPROVISIONAL

**ASSIGNMENT
OF NONPROVISIONAL APPLICATION**

NONPROVISIONAL

In consideration of the sum of Ten Dollars (\$10.00) and other good and valuable consideration paid to each of the undersigned, to wit:

INSERT NAME(S) OF INVENTOR(S)	(1) VAN BILSEN, Franciscus Bernardus Maria	(2) BURGHOORN, Jacobus
	(3) VAN HAREN, Richard Johannes Franciscus	(4) HINNEN, Paul Christiaan
	(5) VAN HORSSSEN, Hermanus Gerardus	<input checked="" type="checkbox"/> x box if continued on page 2

the receipt and sufficiency of which are hereby acknowledged by the undersigned who at the request of, hereby sell(s), assign(s) and transfer(s) unto:

INSERT ASML NETHERLANDS B.V.
 NAME(S) OF De Run 1110, NL-5503 LA Veldhoven, The Netherlands
 ASSIGNEE(S)
 & ADDRESS(ES)

(hereinafter designated "ASSIGNEE") the entire right, title and interest for the United States of America as defined in 35 U.S.C. 100, in the invention and all applications including any and all divisions, continuations, substitutes, and reissues thereof, and all resulting patents, known as

TITLE OF INVENTION RADIATION SOURCE, LITHOGRAPHIC APPARATUS, AND DEVICE MANUFACTURING METHOD
ALIGNMENT SYSTEMS AND METHODS FOR LITHOGRAPHIC SYSTEMS
 for which the undersigned executed an application for Letters Patents of the United States of America.

NOTE → → (A) even date herewith
 (B) on _____
 line A, B and/or C) (C) in U.S. Appln. No. 10/665,404 filed September 22 2003

AND the undersigned hereby authorize(s) and request(s) the United States Commissioner of Patents and Trademarks to issue said Letters Patent to the said ASSIGNEE, for its interest as ASSIGNEE, its successors, assigns and legal representatives; the undersigned agree(s) that the attorney of record in said application shall hereinafter act on behalf of said ASSIGNEE.

AND the undersigned hereby agree(s) to testify and execute any papers for ASSIGNEE, its successors, assigns and legal representatives, deemed essential by ASSIGNEE to ASSIGNEE'S full protection and title in and to the invention hereby transferred.

NOTE → → The undersigned hereby authorize(s) Pillsbury Winthrop LLP of the above address to insert hereon any further identification necessary or desirable for recordation of this document.

INVENTORS	DATE SIGNED	WITNESSES
1): * <u>[Signature]</u> Name: <u>VAN BILSEN, Franciscus Bernardus Maria</u>	<u>20 January 2004</u>	<u>Janneke Keijzers</u>
2): * <u>[Signature]</u> Name: <u>BURGHOORN, Jacobus</u>	<u>20 January 2004</u>	<u>Janneke Keijzers</u>
3): * <u>[Signature]</u> Name: <u>VAN HAREN, Richard Johannes Franciscus</u>	<u>20 January 2004</u>	<u>Janneke Keijzers</u>
4): * <u>[Signature]</u> Name: <u>HINNEN, Paul Christiaan</u>	<u>20 January 2004</u>	<u>Janneke Keijzers</u>
5): * <u>[Signature]</u> Name: <u>VAN HORSSSEN, Hermanus Gerardus</u>	<u>20 January 2004</u>	<u>Janneke Keijzers</u>

ASSIGNMENT
(Continued from page 1)

LISTING OF ADDITIONAL INVENTORS

INSERT
NAME(S) OF
INVENTOR(S)

(6) HUIJBREGTSE, Jeroen	(7) JEUNINK, Andre Bernardus
(8) MEGENS, Henry	(9) NAVARRO Y KOREN, Ramon
(10) TOLSMA, Hoite Pieter Theodoor	(11) SIMONS, Hubertus Johannes Gertrudus
(12) SCHUURHUIS, Johnny Rutger	(13) SCHETS, Sicco Ian
(14) LEE, Brian	(15) DUNBAR, Allan

SIGNATURES OF ADDITIONAL INVENTORS/WITNESSES/DATES SIGNED

<u>INVENTORS</u>	<u>DATE SIGNED</u>	<u>WITNESSES</u>
6) Name: <u>HUIJBREGTSE, Jeroen</u>	<u>20 January 2004</u>	<u>Janneke Keijzers</u>
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13) Name: <u>SCHETS, Sicco Ian</u>	<u>20 January 2004</u>	<u>Janneke Keijzers</u>
14) Name: <u>LEE, Brian</u>	_____	_____
15) Name: <u>DUNBAR, Allan</u>	_____	_____


ASSIGNMENT
(Continued from page 1)

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(14) LEE, Brian	(15) DUNBAR, Allan

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	<u>INVENTORS</u>	<u>DATE SIGNED</u>	<u>WITNESSES</u>
6): Name:	HUIJBREGTSE, Jeroen		
7) Name:	JEUNINK, Andre Bernardus		
8) Name:	MEGENS, Henry		
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12) Name:	SCHUURHUIS, Johny Rutger		
13) Name:	SCHETS, Sicco Ian		
14) Name:	LEE, Brian		
15) Name:		12. Dec. 2003	 Janneke Keijzers

ASSIGNMENT


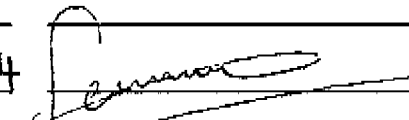
(Continued from page 1)

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12) Name:	SCHUURHUIS, Johny Rutger		
13) Name:	SCHETS, Sicco Ian		
14) Name:	LEE, Brian 	16-Jan-2004	
15) Name:	DUNBAR, Allan		