

05-06-2005

BOX ASSIGNMENTS

DO NOT USE FOR TRADEMARKS



102996648

ET
ONLY

TO THE DIRECTOR OF THE US PAT

SIR: PLEASE RECORD THE ATTACHED ORIGINAL DOCUMENTS OR COPY THEREOF.

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

1. STREEFKERK, Bob
 3. GRAUPNER, Paul
 5. HATTU, Nicodemus
 7. LOOPSTRA, Erik Roelof
 8. GELLRICH, Bernard

2. BASELMANS, Johannes Jacobus Matheus
 4. HAISMA, Jan
 6. HOOGENDAM, Christiaan Alexander
 8. MULKENS, Johannes Catharinus Hubertus
 8.

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, 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

EXEC. DATE: April 15, 2004; April 15, 2004;
 May 26, 2004; April 13, 2004; April 13, 2004;
 April 15, 2004; April 15, 2004; April 15, 2004;
 June 2, 2004

☐ SECURITY ☐ MERGER ☒ OTHER: Correction of Recordation of Assignment for S.N. 10/719,683 recorded at

Reel 015464, Frame 0833 on 06/14/2004 (See Attached)

EXECUTION DATE(S) ON THE DECLARATION IF FILED HERewith: (**NOTE:** IF DATES ON DECLARATION AND ASSIGNMENT DIFFER SEE ATTY!) April 15, 2004; April 15, 2004; May 26, 2004; April 13, 2004; April 13, 2004; April 15, 2004; April 15, 2004; April 15, 2004; June 2, 2004

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#	1st INVENTOR if not in item 1	B. PATENT NO.(S)	M#	1st INVENTOR if not in item 1
10/719,683	306882				

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

Pillsbury Winthrop Shaw Pittman 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:

P 306882 P-1741.000-US
 MATTER NO. CLIENT REF.

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

UNDER ORDER NO 81468 306882
 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.

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

7

Attorney: Jean-Paul HoffmanReg. No. 42663Atty/Sec: JGH/ntb

TEL: (703) 905-2094

Date: May 3, 2005

FAX: (703) 905-2500

FILE WITH PTO RETURN RECEIPT (PAT-103A)

05/05/2005 GT0N11 00000105 033975 10719683
 30526388_1.DOC

PAT-114X 9/03

PATENT
REEL: 016519 FRAME: 0801

Continuation of item 2 RE

Name/Address of Assignee(s)

Name

CARL ZEISS SMT AG

Address

Carl-Zeiss-Strasse 22, 73447 Oberkochen, Germany

PATENT

REEL: 016519 FRAME: 0802



102771063

ET
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) (ASSIGNOR(S)):

1. STREEFKER, Bob
3. GRAUPNER, Paul
5. HATTU, Nicodemus
7. LOOPSTRA, Erik Roelof
8. GELLRICH, Bernard

2. BASELMANS, Johannes Jacobus Matheus
4. HAISMA, Jan
6. HOOGENDAM, Christiaan Alexander
8. MULKENS, Johannes Catharinus Hubertus
8.

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, 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: April 15, 2004; April 15, 2004;
May 26, 2004; April 13, 2004; April 13, 2004;
April 15, 2004; April 15, 2004; April 15, 2004;
June 2, 2004

EXECUTION DATE(S) ON THE DECLARATION IF FILED HERewith: (NOTE: IF DATES ON DECLARATION AND ASSIGNMENT DIFFER SEE ATTY!) April 15, 2004; April 15, 2004; May 26, 2004; April 13, 2004; April 13, 2004; April 15, 2004; April 15, 2004; April 15, 2004; June 2, 2004

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

A. PAT. APP. NO.(S)	M.	1. INVENTOR	B. PATENT NO.(S)	M.	1. INVENTOR
series code/serial no.		If not in item 1			If not in item 1
10/719,683	306882				

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:

P 306882

P-1741.000-US

8. PLEASE CHARGE TO OUR DEPOSIT ACCOUNT

NUMBER: 03-3975

UNDER ORDER NO

81468

306882

MATTER NO.

CLIENT REF.

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.

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

7

Signature

Attorney: Jean-Paul HoffmanReg. No. 42663Atty/Sec: JH/RSP

TEL: (703) 905-2094

Date: June 14, 2004

FAX: (703) 905-2500

FILE WITH PTO RETURN RECEIPT (PAT-103A)

Continuation of item 2 RE
Name/Address of Assignee(s)

Name

CARL ZEISS SMT AG

Address

Carl-Zeiss-Strasse 22, 73447 Oberkochen, Germany

Please return signed/recorded to:

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

USA Patent Appln.
Sole or Joint

For inventions made outside USA
executed with or after application

Atty. Dkt. P 306882

P-1741.000-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) STREEFKERK, Bob	(2) BASELMANS, Johannes Jacobus Matheus
(3) GRAUPNER, Paul	(4) HAISMA, Jan
(5) HATTU, Nicodemus	<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
NAME(S) OF
ASSIGNEE(S)
& ADDRESS(ES)

ASML NETHERLANDS B.V.
De Run 6501
NL-5504 DR Veldhoven
The Netherlands

INSERT
NAME(S) OF
ASSIGNEE(S)
& ADDRESS(ES)

Carl Zeiss SMT AG
Carl-Zeiss-Strasse 22
73447 Oberkochen
Germany

(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

LITHOGRAPHIC APPARATUS AND DEVICE MANUFACTURING METHOD

for which the undersigned executed an application for Letters Patents of the United States of America:

NOTE → →

(Complete

line A, B and/or C)

(A) ☐ even date herewith

(B) ☐ on

(C) ☒ in U.S. Appln. No. 10/719,683

filed November 24, 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

1):
Name: STREEFKERK, Bob
2):
Name: BASELMANS, Johannes Jacobus Matheus
3):
Name: GRAUPNER, Paul
4):
Name: HAISMA, Jan
5):
Name: HATTU, Nicodemus

DATE SIGNED

15-04-2004
15/04/2004

WITNESSES

Nanda Philipse
Nanda Philipse

Please return signed/recorded to:

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

USA Patent Appln.
Sole or Joint

For Inventions made outside USA
executed with or after application
Atty. Dkt. P 306882 M# P-1741.000-US
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) STREEFKERK, Bob	(2) BASELMANS, Johannes Jacobus Matheus
	(3) GRAUPNER, Paul	(4) HAISMA, Jan
	(5) HATTU, Nicodemus	<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 NAME(S) OF ASSIGNEE(S) & ADDRESS(ES)	ASML NETHERLANDS B.V.
	De Run 6501
	NL-5504 DR Veldhoven
	The Netherlands

INSERT NAME(S) OF ASSIGNEE(S) & ADDRESS(ES)	Carl Zeiss SMT AG
	Carl-Zeiss-Strasse 22
	73447 Oberkochen
	Germany

(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	LITHOGRAPHIC APPARATUS AND DEVICE MANUFACTURING METHOD
-----------------------	--

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. 10/719,683 filed November 24, 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): Name: STREEFKERK, Bob		
2): Name: BASELMANS, Johannes Jacobus Matheus		
3): Name: GRAUPNER, Paul	May 26, 2004	Elfride Angstenberger
4): Name: HAISMA, Jan		
5): Name: HATTU, Nicodemus		

Please return signed/recorded to:

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

USA Patent Appln.
Sole or Joint

For Inventions made outside USA
executed with or after application

Atty. Dkt. P 306882

P-1741.000-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) STREEFKERK, Bob	(2) BASELMANS, Johannes Jacobus Matheus
(3) GRAUPNER, Paul	(4) HAISMA, Jan
(5) HATTU, Nicodemus	<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
NAME(S) OF
ASSIGNEE(S)
& ADDRESS(ES)

ASML NETHERLANDS B.V.
De Run 6501
NL-5504 DR Veldhoven
The Netherlands

INSERT
NAME(S) OF
ASSIGNEE(S)
& ADDRESS(ES)

Carl Zeiss SMT AG
Carl-Zeiss-Strasse 22
73447 Oberkochen
Germany

(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

LITHOGRAPHIC APPARATUS AND DEVICE MANUFACTURING METHOD

for which the undersigned executed an application for Letters Patents of the United States of America:

NOTE → →
(Complete

line A, B and/or C)

(A) ☐ even date herewith

(B) ☐ on

(C) ☒ in U.S. Appln. No. 10/719,683

filed November 24, 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):

Name: STREEFKERK, Bob

2)

Name: BASELMANS, Johannes Jacobus Matheus

3)

Name: GRAUPNER, Paul

4)

Name: HAISMA, Jan

5)

Name: HATTU, Nicodemus

April, 13th, 2004

APRIL 13TH 2004

PAT-114 1/00

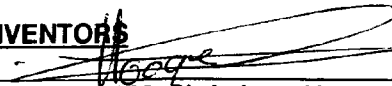

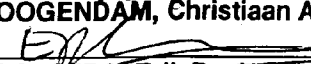

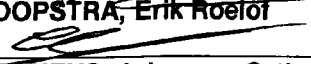

ASSIGNMENT
(Continued from page 1)

LISTING OF ADDITIONAL INVENTORS

INSERT
NAME(S) OF
INVENTOR(S)

(6) HOOGENDAM, Christiaan Alexander	(7) LOOPSTRA, Erik Roelof
(8) MULKENS, Johannes Catharinus Hubertus	(9) GELLRICH, Bernard
(10)	(11)
(12)	(13)
(14)	(15)

SIGNATURES OF ADDITIONAL INVENTORS/WITNESSES/DATES SIGNED

	<u>INVENTORS</u>	<u>DATE SIGNED</u>	<u>WITNESSES</u>
6):			
Name:	HOOGENDAM, Christiaan Alexander	15-04-2004	Nanda Philipse
7)			
Name:	LOOPSTRA, Erik Roelof	15-04-2004	Nanda Philipse
8)			
Name:	MULKENS, Johannes Catharinus Hubertus	15-04-2004	Nanda Philipse
9)			
Name:	GELLRICH, Bernard		
10)			
Name:			
11)			
Name:			
12)			
Name:			
13)			
Name:			
14)			
Name:			
15)			
Name:			

ASSIGNMENT
(Continued from page 1)

LISTING OF ADDITIONAL INVENTORS

INSERT
NAME(S) OF
INVENTOR(S)

(6) HOOGENDAM, Christiaan Alexander	(7) LOOPSTRA, Erik Roelof
(8) MULKENS, Johannes Catharinus Hubertus	(9) GELLRICH, Bernard
(10)	(11)
(12)	(13)
(14)	(15)

SIGNATURES OF ADDITIONAL INVENTORS/WITNESSES/DATES SIGNED

	<u>INVENTORS</u>	<u>DATE SIGNED</u>	<u>WITNESSES</u>
6):			
Name:	HOOGENDAM, Christiaan Alexander		
7)			
Name:	LOOPSTRA, Erik Roelof		
8)			
Name:	MULKENS, Johannes Catharinus Hubertus		
9)	<i>Bernard Gellrich</i>	<i>June 2, 2004</i>	<i>Christiaan Gellrich</i>
Name:	GELLRICH, Bernard		
10)			
Name:			
11)			
Name:			
12)			
Name:			
13)			
Name:			
14)			
Name:			
15)			
Name:			

Addendum

PILLSBURY WINTHROP SHAW PITTMAN LLP