

Form PTO-1595 (Rev. 08/05)
OMB No. 0651-0027 (exp. 6/30/2008)

08-21-2008

U.S. DEPARTMENT OF COMMERCE
United States Patent and Trademark Office

ET

To the Director of the U.S. Patent and

103520795

Documents of the new address(es) below

1. Name of conveying party(ies)

Bob STREEFKERK
Johannes Jacobus Matheus BASELMANS
Adrianus Franciscus Petrus ENGELENAdditional name(s) of conveying party(ies) attached? ☒ Yes ☐ No

3. Nature of conveyance/Execution Date(s):

Execution Date(s) See 1 in Addendum

- ☐ Assignment ☐ Merger
☐ Security Agreement ☐ Change of Name
☐ Joint Research Agreement
☐ Government Interest Assignment
☐ Executive Order 9424, Confirmatory License
☒ Other *Corrective Assignment to correct the Assignor's name previously reflected on Reel 020718, frame 2028*

2. Name and address of receiving party(ies)

Name: ASML NETHERLANDS B.V.

Internal Address: _____

Street Address: De Run 6501

City: Veldhoven

State: _____

Country: The Netherlands Zip: NL-5504 DR

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

4. Application or patent number(s):

A. Patent Application No.(s)

12/076,307

☐ This document is being filed together with a new application.
 B. Patent No.(s)
Additional numbers attached? ☐ Yes ☒ No

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

Name: PILLSBURY WINTHROP SHAW PITTMAN LLP

Internal Address: P.O. Box 10500

Street Address: 1650 Tysons Boulevard

City: McLean

State: VA Zip: 22102

Phone Number: (703) 770-7900

Fax Number: (703) 770-7901

Email Address: jeanpaul.hoffman@pillsburylaw.com

6. Total number of applications and patents involved: 1

7. Total fee (37 CFR 1.21(h) & 3.41) \$ 40.00

- ☐ Authorized to be charged by credit card
☒ Authorized to be charged to deposit account
☐ Enclosed
☐ None required (government interest not affecting title)

8. Payment Information

081468-0368206

a. Credit Card Last 4 Numbers _____

Expiration Date _____

b. Deposit Account Number 033975

Authorized User Name _____

9. Signature:

Signature

Jean-Paul G. Hoffman, Reg. No. 42663

Name of Person Signing

 July 28, 2008
 August 19, 2008
 Date

Total number of pages including cover sheet, attachments, and documents:

3

Documents to be recorded (including cover sheet) should be faxed to (571) 273-0140, or mailed to:
 Mail Stop Assignment Recordation Services, Director of the USPTO, P.O. Box 1450, Alexandria, V.A. 22313-1450

**ATTACHMENT FOR RECORDATION FORM COVER SHEET
PATENTS ONLY (Form PTO-1595)**

1. Name of conveying party(ies):

Jozef Maria FINDERSPaul GRAUPNERJohannes Catharinus Hubertus MULKENSJan Bernard Plechelmus VAN SCHOOT

Additional name(s) of conveying party(ies) attached?

☐ Yes ☒ No

2. Name and address of receiving party(ies)

Name: CARL ZEISS SMT AG

Internal Address: _____

Street Address: Carl Zeiss Strasse 22City: Oberkochen, Germany State: _____ ZIP: 73447

Name and address of receiving party(ies)

Name: _____

Internal Address: _____

Street Address: _____

City: _____ State: _____ ZIP: _____

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.(s)

B. Patent No.(s)

Additional numbers attached?

☐ Yes ☒ No

**Attachment to Form PTO - 1595
Recordation Form Cover Sheet**

1. March 30, 2005, March 30, 2005, March 30, 2005, March 30, 2005, March 23, 2005, March 30, 2005, March 30, 2005

12/076307

03/17/2008

Form PTO-1595 (Rev. 08/05)
OMB No. 0551-0027 (exp. 6/30/2008)

03-26-2008

U.S. DEPARTMENT OF COMMERCE
United States Patent and Trademark Office

RE:



103492168

To the Director of the U.S. Patent and Tra.

ments or the new address(es) below.

1. Name of conveying party(ies)

Bob STREEFKERK

Johannes Jacobus Matheus BASELMANS

Adrianus Franciscus Petrus ENGELN

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

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Execution Date(s) See 1 in Addendum

- ☒ Assignment ☐ Merger
☐ Security Agreement ☐ Change of Name
☐ Joint Research Agreement
☐ Government Interest Assignment
☐ Executive Order 8424, Confirmatory License
☐ Other

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Internal Address:

Street Address: De Run 6501

City: Veldhoven

State:

Country: The Netherlands Zip: NL-5504 DR

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

4. Application or patent number(s):

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Fax Number: (703) 770-7901

Email Address: jeanpaul.hoffman@pillsburylaw.com

9. Signature:

Jean-Paul G. Hoffman, Reg. No. 42663

Name of Person Signing

6. Total number of applications and patents involved:

7. Total fee (37 CFR 1.21(h) & 3.41) \$ 40.00

- ☐ Authorized to be charged by credit card
☒ Authorized to be charged to deposit account
☐ Enclosed
☐ None required (government interest not affecting title)

8. Payment Information

081468-0368206

a. Credit Card Last 4 Numbers
Expiration Date

b. Deposit Account Number 033975

Authorized Officer Name 00000063 833975 12076307
SI FR:8821 10-00-20

March 17, 2008

Date

Total number of pages including cover sheet, attachments, and documents:

6

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PATENT

REEL: 021422 FRAME: 0160

PATENTS ONLY (Form PTO-1585)

1. Name of conveying party(ies):

Jozef Maria FINDERS

Johannes Catharinus Hubertus MULKENS

Paul GRAEUPNER

Jan Bernard Plechelmus VAN SCHOOT

Additional name(s) of conveying party(ies) attached?

☐ Yes ☒ No

2. Name and address of receiving party(ies)

Name: CARL ZEISS SMT AG

Internal Address: _____

Street Address: Carl Zeiss Strasse 22

City: Oberkochen, Germany

State: _____

ZIP: 73447

Name and address of receiving party(ies)

Name: _____

Internal Address: _____

Street Address: _____

City: _____

State: _____

ZIP: _____

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: 03/17/08

A. Patent Application No.(s)

B. Patent No.(s)

Additional numbers attached?

☐ Yes ☒ No

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

USA Patent Appln.
Sole or Joint

T-905 P.002/004 F-012

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) Bob STREEFKERK (3) Adrianus Franciscus Petrus ENGELEN (5) Paul GRAEUPNER	(2) Johannes Jacobus Matheus BASELMANS (4) Jozef Maria FINDERS x box if continued on page 2
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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	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. 10/964,816

filed 15 October 2004

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: Bob STREEFKERK
2):
Name: Johannes Jacobus Matheus BASELMANS
3):
Name: Adrianus Franciscus Petrus ENGELEN
4):
Name: Jozef Maria FINDERS
5):
Name: Paul GRAEUPNER

DATE SIGNED

30/03/05
30/03/05
30/03/05
30/03/05

WITNESSES

Yvonne Trienekens
Yvonne Trienekens
Yvonne Trienekens
Yvonne Trienekens
Yvonne Trienekens

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) Bob STREEFKERK (3) Adrianus Franciscus Petrus ENGELEN (5) Paul GRAEUPNER	(2) Johannes Jacobus Matheus BASELMANS (4) Jozef Maria FINDERS ☒ 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	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. 10/364,816

filed 15 October 2004

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.

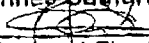
INVENTORS	DATE SIGNED	WITNESSES
1): Name: Bob STREEFKERK		
2): Name: Johannes Jacobus Matheus BASELMANS		
3): Name: Adrianus Franciscus Petrus ENGELEN		
4): Name: Jozef Maria FINDERS		
5): Name: Paul GRAEUPNER	03/23/05	P. G. Giedsels 03/23/05 Patent Department Carl Zeiss AG

LISTING OF ADDITIONAL INVENTORS

INSERT
NAME(S) OF
INVENTOR(S)

(6) Johannes Catharinus Hubertus MULKENS	(7) Jan Bernard Plechelmus VAN SCHOOT
(8)	(9)
(10)	(11)
(12)	(13)
(14)	(15)

SIGNATURES OF ADDITIONAL INVENTORS/WITNESSES/DATES SIGNED

	<u>INVENTORS</u>	<u>DATE SIGNED</u>	<u>WITNESSES</u>
6):		<u>30/03/05</u>	<u>Yvonne Trienekens</u>
Name:	Johannes Catharinus Hubertus MULKENS		Yvonne Trienekens
7)		<u>30/03/05</u>	<u>Yvonne Trienekens</u>
Name:	Jan Bernard Plechelmus VAN SCHOOT		Yvonne Trienekens

**Attachment to Form PTO - 1595
Recordation Form Cover Sheet**

1. **March 30, 2005, March 30, 2005, March 30, 2005, March 30, 2005, March 23, 2005, March 30, 2005, March 30, 2005**

PATENT

REEL: 020718 FRAME: 0030

PATENT

REEL: 021422 FRAME: 0165

RECORDED: 07/28/2008