

9-20-06



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

09-25-2006

U.S. DEPARTMENT OF COMMERCE
Patent and Trademark Office

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To the Director of the U.S. Patent and Trademark Office: Please record the attached documents or the new address(es) below.

1. Name of conveying party(ies)
ERIK ROELOF LOOPSTRA
ADRIANUS FRANCISCUS PETRUS ENGELEN
BERNARDUS ANTONIUS JOHANNES LUTTIKHUIS
Additional name(s) of conveying party(ies) attached? Yes No

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

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 _____

4. Application or patent number(s): This document is being filed together with a new application.
A. Patent Application No.(s)
11/341,894
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: christophe.lair@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 081468-0325441
a. Credit Card Last 4 Numbers _____
Expiration Date _____
b. Deposit Account Number 033975
Authorized User Name _____

9. Signature: _____ September 20, 2006
Signature Date
Christophe F. Lair, Reg. No. 54248
Name of Person Signing Total number of pages including cover sheet, attachments, and documents: 10

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

09/22/2006 HJAMA1 00000032 033975 11341894
01 FC:8021 40.00 DA

PATENT
REEL: 018322 FRAME: 0358

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

1. Name of conveying party(ies):

MARIA JOHANNA AGNES RUBINGH
LAURENTIUS CATRINUS JORRITSMA
BERNHARD GEUPPERT

JOHANNES MARTINUS ANDREAS HAZENBERG
JOHANNES WILHELMUS DE KLERK
AART ADRIANUS VAN BEUZEKOM

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 State: Germany 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 FOR RECORDATION FORM COVER SHEET
PATENTS ONLY (Form PTO-1595)**

1. Name of conveying party(ies):

PETRUS FRANCISCUS WILHELMUS MARIA MANDIGERS

FRANZ SORG

PETER DEUFEL

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

Yes No

2. Name and address of receiving party(ies)

Name: _____

Internal Address: _____

Street Address: _____

City: _____ Country: _____ ZIP: _____

Name and address of receiving party(ies)

Name: _____

Internal Address: _____

Street Address: _____

City: _____ State: _____ ZIP: _____

Additional name(s) & address(es) attached?

Yes No

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B. Patent No.(s)

Additional numbers attached?

Yes No

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

1. 4/19/2006; 4/19/2006; 4/19/2006; 4/19/2006; 4/19/2006; 4/19/2006;
4/19/2006; 3/10/2006; 9/5/2006; 4/19/2006; 3/10/2006; 3/9/2006

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 325441 M# P-2415.000-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) Erik Roelof LOOPSTRA	(2) Adrianus Franciscus Petrus ENGELEN
	(3) Bernardus Antonius Johannes LUTTIKHUIS	(4) Maria Johanna Agnes RUBINGH
	(5) Johannes Martinus Andreas HAZENBERG	<input checked="" type="checkbox"/> x

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, DEVICE MANUFACTURING METHOD AND EXCHANGEABLE OPTICAL ELEMENT

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. 11/341,894 filed 30 January 2006

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: Erik Roelof LOOPSTRA	19 April 2006	Annemiek van den Bergh
2): Name: Adrianus Franciscus Petrus ENGELEN	19 April 2006	Annemiek van den Bergh
3): Name: Bernardus Antonius Johannes LUTTIKHUIS	19 April 2006	Annemiek van den Bergh
4): Name: Maria Johanna Agnes RUBINGH	19 April 2006	Annemiek van den Bergh
5): Name: Johannes Martinus Andreas HAZENBERG	19 April 2006	Annemiek van den Bergh


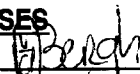
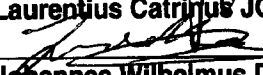
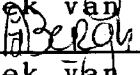
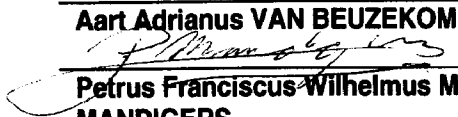
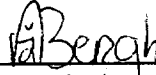
ASSIGNMENT
(Continued from page 1)

LISTING OF ADDITIONAL INVENTORS

INSERT
NAME(S) OF
INVENTOR(S)

(6) Laurentius Catrinus JORRITSMA	(7) Johannes Wilhelmus DE KLERK
(8) Bernhard GEUPPERT	(9) Aart Adrianus VAN BEUZEKOM
(10) Petrus Franciscus Wilhelmus Maria MANDIGERS	(11) Franz SORG
(12) Peter DEUFEL	(13)
(14)	(15)

SIGNATURES OF ADDITIONAL INVENTORS/WITNESSES/DATES SIGNED

	<u>INVENTORS</u>	<u>DATE SIGNED</u>	<u>WITNESSES</u>
6):	 Name: <u>Laurentius Catrinus JORRITSMA</u>	<u>19 April 2006</u>	 <u>Annemiek van den Bergh</u>
7)	 Name: <u>Johannes Wilhelmus DE KLERK</u>	<u>19 April 2006</u>	 <u>Annemiek van den Bergh</u>
8)	Name: <u>Bernhard GEUPPERT</u>		
9)	Name: <u>Aart Adrianus VAN BEUZEKOM</u>		
10)	 Name: <u>Petrus Franciscus Wilhelmus Maria MANDIGERS</u>	<u>19 April 2006</u>	 <u>Annemiek van den Bergh</u>
11)	Name: <u>Franz SORG</u>		
12)	Name: <u>Peter DEUFEL</u>		

ASSIGNMENT
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(10) Peter MANDIGERS	(11) Franz SORG
(12) Peter DEUFEL	(13)
(14)	(15)

SIGNATURES OF ADDITIONAL INVENTORS/WITNESSES/DATES SIGNED

	<u>INVENTORS</u>	<u>DATE SIGNED</u>	<u>WITNESSES</u>
6):	_____	_____	_____
Name:	Laurentius Catrinus JORRITSMA		
7)	_____	_____	_____
Name:	Johannes Wilhelmus DE KLERK		
8)	<i>* B. Geuppert</i>	<i>March 10, 2006</i>	
Name:	Bernhard GEUPPERT		
9)	_____	_____	_____
Name:	Aart Adrianus VAN BEUZEKOM		
10)	_____	_____	_____
Name:	Peter MANDIGERS		
11)	_____	_____	_____
Name:	Franz SORG		
12)	_____	_____	_____
Name:	Peter DEUFEL		



ASSIGNMENT
(Continued from page 1)

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(12) Peter DEUFEL	(13)
(14)	(15)

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	<u>INVENTORS</u>	<u>DATE SIGNED</u>	<u>WITNESSES</u>
6): Name:	Laurentius Catrinus JORRITSMA		
7) Name:	Johannes Wilhelmus DE KLERK		
8) Name:	Bernhard GEUPPERT		
9) Name:	 Aart Adrianus VAN BEUZEKOM	5-9-2006	 Annemiek van den Bergh
10) Name:	Petrus Franciscus Wilhelmus Maria MANDIGERS		
11) Name:	Franz SORG		
12) Name:	Peter DEUFEL		


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(10) Peter MANDIGERS	(11) Franz SORG
(12) Peter DEUFEL	(13)
(14)	(15)

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	<u>INVENTORS</u>	<u>DATE SIGNED</u>	<u>WITNESSES</u>
6): Name:	Laurentius Catrinus JORRITSMA		
7) Name:	Johannes Wilhelmus DE KLERK		
8) Name:	Bernhard GEUPPERT		
9) Name:	Aart Adrianus VAN BEUZEKOM		
10) Name:	Peter MANDIGERS 		
11) Name:	* Franz SORG	10, March, 2006	J. S.R.
12) Name:	Peter DEUFEL		

ASSIGNMENT
(Continued from page 1)

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10) Name:	Peter MANDIGERS		
11) Name:	Franz SORG		
12) Name:	* Peter DEUFEL	9-3-'06	
	Peter DEUFEL		