



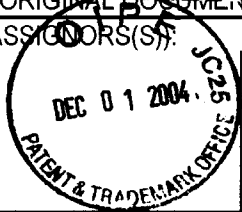
102894746

TO THE DIRECTOR OF THE US PATENT
SIR: PLEASE RECORD THE ATTACHED ORIGINAL DOCUMENT FOR USPTO. EOF.

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

- 1. Joeri LOF
- 3. Henricus Wilhelmus Maria VAN BUEL
- 5. Robertus Victorius Maria SCHEEPENS
- 7.
- 9.

- 2. Fransiscus Godefridus Casper BIJNEN
- 4. Gerardus Johannes Joseph KEIJERS
- 6.
- 8.
- 10.



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: 10/01/04; 11/08/04; 11/08/04; 11/08/04; 11/08/04, respectively.

12-1-04

EXECUTION DATE(S) ON THE DECLARATION IF FILED HEREWITH: (NOTE: IF DATES ON DECLARATION AND ASSIGNMENT DIFFER SEE ATTY!) 10/01/04; 11/08/04; 11/23/04; 11/08/04; 11/08/04, respectively.

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
10/900,393	310653				

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:

310653	P-1945.000-US
MATTER NO.	CLIENT REF.

8. PLEASE CHARGE TO OUR DEPOSIT ACCOUNT

NUMBER: 03-3975		
UNDER ORDER NO	81468	310653
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)	2
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Attorney: Sean L. Ingram

Reg. No. 48283

Date: December 1, 2004

Atty/Sec: SLI/ntb

TEL: (703) 905-2107

FAX: (703) 905-2500

FILE WITH PTO RETURN RECEIPT (PAT-103A)

12/03/2004 6T0N11 00000112/033975 10900393

01 FC:8021 40.00 DA
30493122_1.DOC

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USA Patent Appln.
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Atty. Dkt. P 310653 M# P-1945.000-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) Joeri LOF	(2) Fransiscus Godefridus Casper BIJNEN
	(3) Henricus Wilhelmus Maria VAN BUEL	(4) Gerardus Johannes Joseph KEIJSERS
	(5) Robertus Victorius Maria SCHEEPENS	(6)
	(7)	<input 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 6501
ASSIGNEE(S) NL-5504 DR Veldhoven
& ADDRESS(ES) The Netherlands

(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
ALIGNMENT METHOD, METHOD OF MEASURING FRONT TO BACKSIDE ALIGNMENT ERROR, METHOD OF DETECTING NON-ORTHOGONALITY, METHOD OF CALIBRATION, AND LITHOGRAPHIC APPARATUS

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

NOTE → → (A) even date herewith
(Complete) (B) on _____
line A, B and/or C) (C) in U.S. Appln. No. 10/900,393 filed July 28, 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)		1 Oct 2004	
Name:	Joeri LOF		Jennifer Groot
2)		8 nov 2004	
Name:	Fransiscus Godefridus Casper BIJNEN		Jennifer Groot
3)		8-11-2004	
Name:	Henricus Wilhelmus Maria VAN BUEL		Jennifer Groot
4)		8-11-2004	
Name:	Gerardus Johannes Joseph KEIJSERS		Jennifer Groot
5)		08-11-2004	
Name:	Robertus Victorius Maria SCHEEPENS		Jennifer Groot
6)			
Name:			