

TO THE DIRECTOR OF THE US PATENT,

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

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

1. CASTENMILLER, Thomas Josephus Maria
3. HOEKS, Martinus Hendricus Hendricus
5. LOOPSTRA, Erik Roelof

2. ARIENS, Andreas Bernardus Gerardus
4. VOGELSANG, Patrick David
6. KWAN, Yim Bun Patrick

7.

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)

☒ ASSIGNMENT OF ☒ WHOLE ☐ PART INTEREST
☐ ORIGINAL ☒ FACSIMILE/PHOTOCOPY
☐ CHANGE OF NAME ☐ VERIFIED TRANSLATION
☐ SECURITY ☐ MERGER ☐ OTHER:

EXEC. DATE: DECEMBER 5, 2000

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
TO BE ASSIGNED	308983				

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 308983

P-0166.011-US

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

UNDER ORDER NO

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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
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3

Attorney: John P. Darling

Reg. No. 44,482

Atty/Sec: JPD/RSP

TEL: (703) 905-2045

Date: May 14, 2004

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FILE WITH PTO RETURN RECEIPT (PAT-103A)

05/18/2004 LMUELLER 00000118 033975 10845231

01 FC:8021 40.00 DA

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Washington, DC 20005-3918

USA Patent Appln.
Sole or Joint

For Inventions made outside USA
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Any. Dkt. PMS 275503

M#

P-0166,010-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) Thomas Josephus Maria Castenmiller	(2) Andreas Bernardus Gerardus Ariens
(3) Martinus Hendricus Hendricus Hoeks	(4) Patrick David Vogelsang
(5) Erik Roelof Loopstra	<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(e) unto:

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

ASM Lithography B.V.
De Run 1110
NL-5503 LA Voldhoven
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, substitutions, and reissues thereof, and all resulting patents, known as

TITLE OF
INVENTION

Position Detection System for use in Lithographic Apparatus

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. / filed

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 Madison & Sutrø LLP of the above address to insert hereon any further identification necessary or desirable for recordation of this document.

INVENTORS

1) Name: Thomas Josephus Maria Castenmiller
2) Name: Andreas Bernardus Gerardus Ariens
3) Name: Martinus Hendricus Hendricus Hoeks
4) Name: Patrick David Vogelsang
5) Name: Erik Roelof Loopstra

DATE SIGNED

5 December 2000

WITNESSES

Marieke van Geffen

5 December 2000

Marieke van Geffen

5 December 2000

Marieke van Geffen

5 December 2000

Marieke van Geffen

5 December 2000

Marieke van Geffen



ASSIGNMENT
(Continued from page 1)

LISTING OF ADDITIONAL INVENTORS

INSERT
NAME(S) OF
INVENTOR(S)

(6) YimBun Patrick Kwan	(7)
(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):		5 December 2000	
Name:	YimBun Patrick Kwan		Marieke van Geffen
7)			
Name:			
8)			
Name:			
9)			
Name:			
10)			
Name:			
11)			
Name:			
12)			
Name:			
13)			
Name:			
14)			
Name:			
15)			
Name:			

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