

11-02-2004



102872999

TO THE DIRECTOR OF THE US PATENT AND TRADEMARK OFFICE  
SIR: PLEASE RECORD THE ATTACHED ORIGINAL DOCUMENTS OR COPY THEREOF.

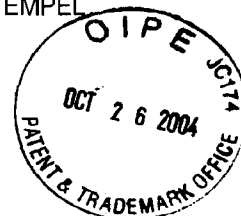
## 1. NAME OF CONVEYING PARTY(IES) (ASSIGNORS(S)):

1. Koen Jacobus Johannes Maria ZAAL  
3. Joost Jeroen OTTENS

2. Tjarko Adriaan Rudolf VAN EMPEL  
4. Jan HOPMAN

5.  
6.  
7.  
8.

6.  
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: October 19, 2004; October 19, 2004; October 19, 2004; October 6, 2004, respectively.

EXECUTION DATE(S) ON THE DECLARATION IF FILED HEREWITH: (NOTE: IF DATES ON DECLARATION AND ASSIGNMENT DIFFER SEE ATTY!) October 19, 2004; October 19, 2004; October 19, 2004; October 6, 2004, 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 <sup>st</sup> INVENTOR if not in Item 1	B. PATENT NO(S)	M#	1 <sup>st</sup> INVENTOR if not in Item 1
10/896,367	310461				

5. Name &amp; 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 = 17. AMOUNT OF FEE DUE: (Code 8021)  
ABOVE TOTAL x \$40 = \$40

5.5 ATTY DKT:

P 310461

P-1624.010-US

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

UNDER ORDER NO

081468

310461

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.

Signature

Attorney: Emily T. Bell

Reg. No. 47418

Atty/Sec: ETB:ntb

TEL: (703) 905-2261

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

3

Date: October 26, 2004

FAX: (703) 905-2500

FILE WITH PTO RETURN RECEIPT (PAT-103A)

11/01/2004 MSETACHE 00000020 033975 10896367

01 FC:8021

40.00 DA

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USA Patent Appln.  
Sole or Joint

For Inventions made outside USA  
executed with or after application

Atty. Dkt. P 310461

P-1624.010-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) ZAAL, Koen Jacobus Johannes Maria	(2) VAN EMPEL, Tjarko Adriaan Rudolf
(3) OTTENS, Joost Jeroen	(4) HOPMAN, Jan
(5)	<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  
NAME(S) OF  
ASSIGNEE(S)  
& ADDRESS(ES)

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

Lithographic apparatus, device manufacturing method, and device manufactured thereby

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. 10/896,367 filed 22 July, 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.

1):  
Name: ZAAL, Koen Jacobus Johannes Maria  
2):  
Name: VAN EMPEL, Tjarko Adriaan Rudolf  
3):  
Name: OTTENS, Joost Jeroen  
4):  
Name: HOPMAN, Jan  
5):  
Name:

DATE SIGNED

19-10-2004

19-10-2004

19-10-2004

WITNESSES

Jennifer Groot

Jennifer Groot

Jennifer Groot

Please return signed/recorded to:

For Inventions made outside USA  
executed with or after application

Atty. Dkt. P 310461

P-1624.010-US

Pillsbury Winthrop LLP  
Intellectual Property Group  
P.O. Box 10500  
McLean, VA 22102USA Patent Appln.  
Sole or Joint

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OF NONPROVISIONAL APPLICATION

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(3) OTTENS, Joost Jeroen

(4) HOPMAN, Jan

(5)

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## INVENTORS

## DATE SIGNED

## WITNESSES

1):  
Name: ZAAL, Koen Jacobus Johannes Maria2):  
Name: VAN EMPEL, Tjarko Adriaan Rudolf3):  
Name: OTTENS, Joost Jeroen4):  
Name: \* HOPMAN, Jan5):  
Name:

2004.10.06

Jennifer Groot