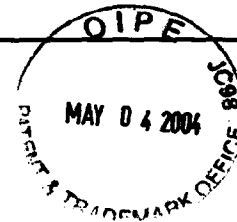


RECORDATION  
PATENT APPLICATIONTO THE DIRECTOR OF THE US PATENT AND TRADEMARK OFFICE, 102742134  
SIR: PLEASE RECORD THE ATTACHED ORIGINAL DOCUMENTS OR COPY THEREOF.

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

1. MULKENS, Johannes Catharinus Hubertus  
3. VAN SCHAIK, Willem  
5. BANINE, Vadim Yevgenyevich  
7. MOORS, Johannes Hubertus Josephina

2. VAN DER VEEN, Paul  
4. CATEY, Eric  
6. BAKKER, Levinus Pieter  
8. MULDER, Heine Melle

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

EXEC. DATE: April 28, 2004; April 28, 2004;  
April 28, 2004; April 9, 2004; April 28, 2004;  
April 9, 2004; April 19, 2004; April 22, 2004☐ SECURITY ☐ MERGER ☐ OTHER:

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 <sup>st</sup> INVENTOR if not in item 1	B. PATENT NO(S)	M#	1 <sup>st</sup> INVENTOR if not in item 1
10/719,065	306886				

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 = 17. AMOUNT OF FEE DUE: (Code 8021)  
ABOVE TOTAL x \$40 = \$40

5.5 ATTY DKT:

P 306886

P-0185.030-US

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

MATTER NO.

CLIENT REF.

UNDER ORDER NO

81468

306886

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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.

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

5

Signature

Attorney: John P. Darling

Reg. No. 44482

Date: May 4, 2004

Atty/Sec: JPD/RSP

TEL: (703) 905-2045

FAX: (703) 905-2500

FILE WITH PTO RETURN RECEIPT (PAT-103A)

05/07/2004 ECDOPER 00000107 033975 10719065

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40.00 DA

Please return signed/recorded to:

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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 306886

M#

P-0185.030-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) MULKENS, Johannes Catharinus Hubertus

(2) VAN DER VEEN, Paul

(3) VAN SCHAIK, Willem

(4) CATEY, Eric

(5) BANINE, Vadim Yevgenyevich

☒ 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. 10/719,065 filed November 24, 2003

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: MULKENS, Johannes Catharinus Hubertus  
2)  
Name: VAN DER VEEN, Paul  
3)  
Name: VAN SCHAIK, Willem  
4)  
Name: CATEY, Eric  
5)  
Name: BANINE, Vadim Yevgenyevich

DATE SIGNED

28 April 2004  
28 April 2004  
28 April 2004  
28 April 2004

WITNESSES

Yvonne Trienekens  
Yvonne Trienekens  
Yvonne Trienekens  
Yvonne Trienekens

Please return signed/recorded to:

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

USA Patent Appln.  
Sole or Joint

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Atty. Dkt. P 306886

M#

P-0185.030-US

Client Ref.

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OF NONPROVISIONAL APPLICATION

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(2) VAN DER VEEN, Paul

(3) VAN SCHAIK, Willem

(4) CATEY, Eric

(5) BANINE, Vadim Yevgenyevich

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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

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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: MULKENS, Johannes Catharinus Hubertus

2)

Name: VAN DER VEEN, Paul

3)

Name: VAN SCHAIK, Willem

4)

Name: CATEY, Eric

5)

Name: BANINE, Vadim Yevgenyevich

9-Apr-2004

Kim Schneider

# ASSIGNMENT


(Continued from page 1)

## LISTING OF ADDITIONAL INVENTORS

INSERT  
NAME(S) OF  
INVENTOR(S)

(6) BAKKER, Levinus Pieter	(7) MOORS, Johannes Hubertus Josephina
(8) MULDER, Heine Melle	(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>9-4-2001</u>	<u>Yvonne Trienekens</u>
Name:	BAKKER, Levinus Pieter		Yvonne Trienekens
7)			
Name:	MOORS, Johannes Hubertus Josephina		
8)			
Name:	MULDER, Heine Melle		
9)			
Name:			
10)			
Name:			
11)			
Name:			
12)			
Name:			
13)			
Name:			
14)			
Name:			
15)			
Name:			

# ASSIGNMENT




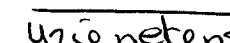
(Continued from page 1)

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NAME(S) OF  
INVENTOR(S)

(6) BAKKER, Levinus Pieter	(7) MOORS, Johannes Hubertus Josephina
(8) MULDER, Heine Melle	(9)
(10)	(11)
(12)	(13)
(14)	(15)

## SIGNATURES OF ADDITIONAL INVENTORS/WITNESSES/DATES SIGNED

	INVENTORS	DATE SIGNED	WITNESSES
6):			
Name:	BAKKER, Levinus Pieter		
7)		19-04-2004	 Yvonne Trienekens
Name:	MOORS, Johannes Hubertus Josephina		
8)		22-04-2004	 Yvonne Trienekens
Name:	MULDER, Heine Melle		
9)			
Name:			
10)			
Name:			
11)			
Name:			
12)			
Name:			
13)			
Name:			
14)			
Name:			
15)			
Name:			