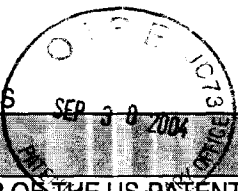


BOX ASSIGNMENTS



10-06-2004

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102852881

TO THE DIRECTOR OF THE U.S. PATENT AND TRADEMARK OFFICE
SIR: PLEASE RECORD THE ATTACHED ORIGINAL

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

- 1. LEENDERS, Martinus Hendrikus Antonius
- 3. VAN DER PASCH, Engelbertus Antonius Fransiscus
- 5. RUIJL, Theo Anjes Maria

- 2. MEIJER, Hendricus Johannes Maria
- 4. RENKENS, Michael Jozef Mathijs
- 6.
- 8.

9/30/04

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: September 6, 2004;
September 6, 2004; September 6, 2004;
September 6, 2004; August 23, 2004

EXECUTION DATE(S) ON THE DECLARATION IF FILED HEREWITH: (**NOTE: IF DATES ON DECLARATION AND ASSIGNMENT DIFFER SEE ATTY!**) September 6, 2004; September 6, 2004; September 6, 2004; September 6, 2004; August 23, 2004

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
10/833,340	309368				

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 309368	P-1894.000-US
MATTER NO.	CLIENT REF.

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

UNDER ORDER NO	81468	309368
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.

John P. Darling
Signature

10. Total number of pages including this cover sheet, attachments and document (do not file dup. Cover sheet)	4
---	---

Attorney: John P. Darling
 Reg. No. 44482
 Atty/Sec: JPD/RSP TEL: (703) 905-2045

Date: September 30, 2004
 FAX: (703) 905-2500

10/05/2004 6T0N11 00000235 033975 10833340 FILE WITH PTO RETURN RECEIPT (PAT-103A)

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Atty. Dkt. P 309368 | P-1542.010-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) Martinus Hendrikus Antonius LEENDERS	(2) Hendricus Johannes Maria MEIJER
	(3) Engelbertus Antonius Fransiscus VAN DER PASCH	(4) Michael Jozef Mathijs RENKENS
	(5) Theo Anjes Maria RUIJL	<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 angular encoder

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. 10/833,340 filed 28 April 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.

	<u>INVENTORS</u>	<u>DATE SIGNED</u>	<u>WITNESSES</u>
1):		<u>06-09-2004</u>	
Name:	<u>Martinus Hendrikus Antonius LEENDERS</u>		<u>Jennifer Groot</u>
2):		<u>06-09-2004</u>	
Name:	<u>Hendricus Johannes Maria MEIJER</u>		<u>Jennifer Groot</u>
3):		<u>06-09-2004</u>	
Name:	<u>Engelbertus Antonius Fransiscus VAN DER PASCH</u>		<u>Jennifer Groot</u>
4):		_____	_____
Name:	<u>Michael Jozef Mathijs RENKENS</u>		
5):		_____	_____
Name:	<u>Theo Anjes Maria RUIJL</u>		

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	(3) Engelbertus Antonius Fransiscus VAN DER PASCH	(4) Michael Jozef Mathijs RENKENS
	(5) Theo Anjes Maria RUIJL	<input type="checkbox"/> x box if continued on page 2

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INSERT
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& 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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Lithographic apparatus, device manufacturing method and angular encoder

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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.

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<u>INVENTORS</u>	<u>DATE SIGNED</u>	<u>WITNESSES</u>
1): Name: <u>Martinus Hendrikus Antonius LEENDERS</u>	_____	_____
2): Name: <u>Hendricus Johannes Maria MEIJER</u>	_____	_____
3): Name: <u>Engelbertus Antonius Fransiscus VAN DER PASCH</u>	_____	_____
4) → Name: <u>Michael Jozef Mathijs RENKENS</u>	<u>06-09-2004</u>	<u>Jennifer Groot</u>
5): Name: <u>Theo Anjes Maria RUIJL</u>	_____	_____

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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
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TITLE OF INVENTION	Lithographic apparatus, device manufacturing method and angular encoder
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2): Name: <u>Hendricus Johannes Maria MEIJER</u>	_____	_____
3): Name: <u>Engelbertus Antonius Fransiscus VAN DER PASCH</u>	_____	_____
4): Name: <u>Michael Jozef Mathijs RENKENS</u>	_____	_____
5): Name: <u>Theo Anjes Maria RUIJL</u>	_____	_____

06-09-2004

 Jennifer Groot
 23/09/2004