



NET ONLY

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

101874660

1. NAME OF CONVEYING PARTY(IES) ASSIGNEE(S) RECEIVING INTEREST:

1. Christianus Gerardus Maria DE MOL
 2. Thomas Josephus Maria CASTENMILLER
 3. Marcel VAN DIJK
 4. Franciscus Antonius Chrysogonus Marie COMMISSARIS
 5. Simon DE GROOT
 6. Catharina Johanna Lucia Maria VAN DEN ENDEN
 7.
 8.

10-521
 OCT 0 5 2001
 PATENT OFFICE

ADDITIONAL NAME(S) OF CONVEYING PARTY(IES) ATTACHED? YES NO

2. PARTY(IES) (ASSIGNEE(S)) RECEIVING INTEREST:

NAME: ASM LITHOGRAPHY 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: September 7, 2001

EXECUTION DATE(S) ON THE DECLARATION IF FILED HEREWITH: (NOTE: IF DATES ON DECLARATION AND ASSIGNMENT DIFFER SEE ATTY!) September 7, 2001

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
09/878,182	281271				

5. Name & Address of Party to Whom Correspondence Concerning Document Should be Mailed:

Pillsbury Winthrop LLP
 Intellectual Property Group
 1600 Tysons Boulevard McLean, VA 22102
 Tel: (703) 905-2000

6. NUMBER INVOLVED:
 APPLNS 1 + PATS 0 = TOTAL = 0

7. AMOUNT OF FEE ENCLOSED: (Code 581)
 ABOVE TOTAL x \$40 = \$40

5.5 ATTY DKT:

P 281271 P-0190.010-US

8. IF ABOVE FEE IS MISSING OR INADEQUATE CHARGE INSUFFICIENCY TO DEPOSIT ACCOUNT NUMBER: 03-3975
 UNDER ORDER NO 81468 281271

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.

Jack S. Barufka
 Signature

10. Total number of pages including this cover sheet, attachments and document (do not file dup. Cover sheet) 3

Attorney: Jack S. Barufka

Reg. No. 37087

Date: October 5, 2001

Atty/Sec: JSB/rsp

TEL: (703) 905-2012

FAX: (703) 905-2500

FILE WITH PTO RETURN RECEIPT (PAT-103A)

10/10/2001 WNDHAMM1 00000064 09878182
 04 FC:581 40.00 0

Please return signed/recorded to:

Pillsbury Winthrop LLP
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1600 Tysons Boulevard

McLean, VA 22102

USA Patent Appln.
Sole or Joint

For Inventions made outside USA
executed with or after application

Atty. Dkt. P 0281271

P-0190.010-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	(1) Christianus Gerardus Maria de MOL	(2) Thomas Josephus Maria CASTENMILLER
NAME(S) OF	(3) Marcel van DIJK	(4) Franciscus Antonius Chrysogonus Marie COMMISSARIS
INVENTOR(S)	(5) Simon de GROOT	<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(s) unto:

INSERT	ASM Lithography B.V.
NAME(S) OF	De Run 1110
ASSIGNEE(S)	NL-5503 LA 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	METHOD OF OPERATING AN OPTICAL IMAGING SYSTEM, LITHOGRAPHIC PROJECTION APPARATUS, DEVICE MANUFACTURING METHOD, AND DEVICE MANUFACTURED THEREBY
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for which the undersigned executed an application for Letters Patents of the United States of America:

NOTE → →	(A) <input checked="" type="checkbox"/> even date herewith
(Complete	(B) <input type="checkbox"/> on
line A, B and/or C)	(C) <input checked="" type="checkbox"/> in U.S. Appln. No. <u>09/878,182</u> filed <u>June 12, 2001</u>

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) <input checked="" type="checkbox"/> Name: Christianus Gerardus Maria de MOL	7 September 2001	Janneke Keijzers
2) <input checked="" type="checkbox"/> Name: Thomas Josephus Maria CASTENMILLER	7 September 2001	Janneke Keijzers
3) <input checked="" type="checkbox"/> Name: Marcel van DIJK	7 September 2001	Janneke Keijzers
4) <input checked="" type="checkbox"/> Name: Franciscus Antonius Chrysogonus Marie COMMISSARIS	7 September 2001	Janneke Keijzers
5) <input checked="" type="checkbox"/> Name: Simon de GROOT	7 September 2001	Janneke Keijzers



ASSIGNMENT
(Continued from page 1)

LISTING OF ADDITIONAL INVENTORS

INSERT
NAME(S) OF
INVENTOR(S)

(6) Catharina Johanna Lucia Maria van den ENDEN	(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):		7 September 2001	
Name:	Catharina Johanna Lucia Maria van den ENDEN		Janneke Keijzers
7)	_____	_____	_____
Name:	_____	_____	_____
8)	_____	_____	_____
Name:	_____	_____	_____
9)	_____	_____	_____
Name:	_____	_____	_____
10)	_____	_____	_____
Name:	_____	_____	_____
11)	_____	_____	_____
Name:	_____	_____	_____
12)	_____	_____	_____
Name:	_____	_____	_____
13)	_____	_____	_____
Name:	_____	_____	_____
14)	_____	_____	_____
Name:	_____	_____	_____
15)	_____	_____	_____
Name:	_____	_____	_____