

REC
PATENT



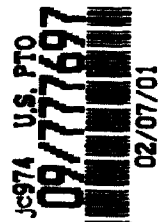
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TO THE ASSISTANT COMMISSIONER OF PATENT.
SIR: PLEASE RECORD THE ATTACHED ORIGINAL DOCUMENTS OR COPY THEREOF.

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

- 1. LOOPSTRA, Eric R.
- 2. KWAN, Yim B.P.
- 3. MUITJENS, Marcel J.E.H.
- 4. DE VRIEZE-VORN, Sonja T.
- 5.
- 6.
- 7.
- 8.

2-7-01



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

09777 697

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: January 18, 2001

EXECUTION DATE(S) ON THE DECLARATION IF FILED HEREWITH: (NOTE: IF DATES ON DECLARATION AND ASSIGNMENT DIFFER SEE ATTY) January 18, 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
NEW APPLICATION	276720				

5. Name & Address of Party to Whom Correspondence Concerning Document Should be Mailed: Pillsbury Winthrop LLP Intellectual Property Group 1100 New York Avenue, NW Ninth Floor Washington, DC 20005-3918	6. NUMBER INVOLVED: APPLNS 0 + PATS 0 = TOTAL	1
	7. AMOUNT OF FEE ENCLOSED: (Code 581) ABOVE TOTAL x \$40 = \$40	

5.5 ATTY DKT:	8. IF ABOVE FEE IS MISSING OR INADEQUATE CHARGE INSUFFICIENCY TO DEPOSIT ACCOUNT NUMBER: 03-3975
PMS 276720	UNDER ORDER NO 81468
MATTER NO.	dup. sheet not required
P-0173.010-US	CLIENT NO.
CLIENT REF.	MATTER NO.

9. STATEMENT AND SIGNATURE.

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.

Robert C. Perez
Signature

10. Total number of pages including this cover sheet, attachments and document (do not file dup. Cover sheet) 2

Attorney: Robert C. Perez Date: February 7, 2000
Reg. No. 39,328 FAX: (202) 822-0944
Atty/Sec: RCP/sdm TEL: (202) 861-3777

FILE WITH PTO RETURN RECEIPT (PAT-103A)

02/13/2001 JBALINAN 00000037 09777697
02 FC:581 40.00 GP

ase return signed/recorded to:

Pillsbury Madison & Sutro LLP
Intellectual Property Group
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Ninth Floor
Washington, DC 20005-3918

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For Inventions made outside USA
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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) Erik Roelof Loopstra	(2) Yim Bun Patrick Kwan
	(3) Marcel Johannes Elisabeth Hubertus Muijtens	(4) Sonja Theodora De Vrieze - Voorn
	(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)

ASM Lithography B.V.
De Run 1110
NL-5503 LA 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 Projection Apparatus having a temperature controlled heat shield

for which the undersigned executed an application for Letters Patents of the United States of America:

NOTE → → (A) even date herewith
(B) on _____ filed _____
(C) in U.S. Appln. No. 1

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 & Sutro 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: <u>Erik Roelof Loopstra</u>	<u>18 January 2001</u>	<u>Marieke van Geffen</u>
2) Name: <u>Yim Bun Patrick Kwan</u>	<u>18 January 2001</u>	<u>Marieke van Geffen</u>
3) Name: <u>Marcel Johannes Elisabeth Hubertus Muijtens</u>	<u>18 January 2001</u>	<u>Marieke van Geffen</u>
4) Name: <u>Sonja Theodora De Vrieze - Voorn</u>	<u>18 January 2001</u>	<u>Marieke van Geffen</u>
5) Name: _____	_____	_____