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 PATENT AND TRADEMARK OFFICE

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TO THE ASSISTANT COMMISSIONER OF PATENT AND TRADEMARKS  
 SIR: PLEASE RECORD THE ATTACHED ORIGINAL DOCUMENT.

1. NAME OF CONVEYING PARTY(IES) (ASSIGNORS(S)):  
 1. Paul VAN DER VEEN  
 2. \_\_\_\_\_  
 3. \_\_\_\_\_  
 4. \_\_\_\_\_  
 5. \_\_\_\_\_  
 6. \_\_\_\_\_  
 7. \_\_\_\_\_  
 8. \_\_\_\_\_  
 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: January 14, 2002

EXECUTION DATE(S) ON THE DECLARATION IF FILED HERewith: (NOTE: IF DATES ON DECLARATION AND ASSIGNMENT DIFFER SEE ATTY!) January 14, 2002

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
09/988,387	284021				

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

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

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

5.5 ATTY DKT:

P 284021  
 MATTER NO. \_\_\_\_\_ CLIENT REF. \_\_\_\_\_

8. IF ABOVE FEE IS MISSING OR INADEQUATE CHARGE INSUFFICIENCY TO DEPOSIT ACCOUNT NUMBER: 03-3975  
 UNDER ORDER NO. 81468  
 dup. sheet not required CLIENT NO. 284021  
 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: Robert C. Perez

Reg. No. 39,328

Atty/Sec: RP/rsp

TEL: (703) 905-2159

Date: January 28, 2002

FAX: (703) 905-2500

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

2

FILE WITH PTO RETURN RECEIPT (PAT-103A)

01/30/2002 HTECKLU1 00000047 09988387

03 FC:581

40.00 DP

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USA Patent Appln.  
Sole or Joint

For Inventions made outside USA  
executed with or after application  
Atty. Dkt. P 284021 | P-0217.010-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) Paul VAN DER VEEN	(2)
	(3)	(4)
	(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 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 **LITHOGRAPHIC APPARATUS, INTEGRATED CIRCUIT DEVICE MANUFACTURING METHOD, AND INTEGRATED CIRCUIT DEVICE MANUFACTURED THEREBY**

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

NOTE → → (A)  even date herewith  
(Complete) (B)  on \_\_\_\_\_  
line A, B and/or C) (C)  in U.S. Appln. No. 09/988,387 filed November 19, 2001

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>Paul VAN DER VEEN</u>	<u>14 January 2002</u>	<u>Janneke Keijzers</u>
2) _____	_____	_____
Name: _____	_____	_____
3) _____	_____	_____
Name: _____	_____	_____
4) Name: _____	_____	_____
Name: _____	_____	_____
5) Name: _____	_____	_____
Name: _____	_____	_____