B: X ASSIGNMENTS		-	DO NOT USE	<u>FOR TRADEMA</u>	RKS	
		-2001			1. 4. 10	
			G	5.01		
SIR: PLEASE RECORD THE A		.0054 <u>⁴</u>	OF. 4.	7 0 1		
1. NAME OF CONVEYING PARTY(IES) (ADDITIONAL PROPERTY OF A PARTY (IES)						
3. Dominicus Jacobus Petrus Adrianus FRANKEN 4.						
5. SEP 0 5 2001 2 6.						
7.						
ADDITIONAL NAME(S) OF CONVEYING PARTY(IES) ATTACHED? TEADER 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	REST EXEC.	DATE: August 23, 20				
⊠ORIGINAL	FACSIMILE/PHOTOCOPY			400		
SECURITY MERGER OTHER: EXECUTION DATE(S) ON THE DECLARATION IF FILED HEREWITH: (NOTE: IF DATES ON DECLARATION AND						
ASSIGNMENT DIFFER SEE AT		EWITH. (NOTE. IF DAT	ES ON DECLARATION	NAND		
4.5 APPL. NO.(S) OR PAT NO.(S). OTHERS ON ADDITIONAL SHEET(S) attached? ☐YES ☒NO						
A. PAT. APP. NO.(S) M# series code/serial no	1* INVENTOR If not in Item 1	B. PATENT NO(S)	M#	1st INVENTOR If not in item 1	a deminanting	
09/902,490 28152	4.98					
5. Name & Address of Party to	6. NUMBER INVOL	.VED:				
Concerning Document Should be Mailed:		APPLNS 1 + PA	$TS \underline{0} = TOTAL =$	<u>1</u>		
Pillsbury Winthrop LLP			ENCLOSED: (Code 5	581)		
Intellectual Property Group		ABOVE TOTAL x \$40 = \$40				
1600 Tysons Boulevard						
McLean, VA 22102		0 IE ADOVE EEE IC	MISSING OR INADEQUA	ATE CHADOE		
5.5ATTY DKT:			DEPOSIT ACCOUNT I		5	
P 281525	P-0196.010-US	UNDER ORDER NO	81468	281525		
MATTER NO.	CLIENT REF.	dup. sheet not required	CLIENT NO.	MATTER NO	O	
9.						
<i>a.</i>	10. Total number of p	ages including this				
11/1/	cover sheet, attachm		2			
1904/12 3	(do not file dup. Cove					
Signature Signature						
Attorney: Jack S. Barufka Reg. No. 37087 Date: September 5, 2001						
Reg. No. 37087						
Atty/Sec: JSB/tis TEL: (703) 905-2012 FAX: (703) 905-2500						
FILE WITH PTO RETURN RECEIPT (PAT-103A)						

09/06/2001 HNODR1 00000090 09902490 04 FC:581 40.00 OP

Document6

PAT-114X 8/01

r lease return signed/recorded to:

Pillsbury Winthrop LLP Intellectual Property Group 1600 Tysons Boulevard

USA Patent Appln. Sole or Joint

For Inventions made outside USA				
executed with or after application				
Atty. Dkt. P 0281525	P-0196.010-US			
M#	Client Ref.			

McLean, VA 22102

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: (2) Erik Roelof LOOPSTRA INSERT (1) Antonius Johannes Josephus VAN DIJSSELDONK (3) Dominicus Jacobus Petrus Adrianus FRANKEN NAME(S) OF INVENTOR(S) x box if continued on page 2 (5) 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 LITHOGRAPHIC APPARATUS, DEVICE MANUFACTURING METHOD, AND DEVICE MANUFACTURED TITLE OF INVENTION **THEREBY** for which the undersigned executed an application for Letters Patents of the United States of America: (A) aven date herewith $NOTE \rightarrow \rightarrow$ (B) on (Complete July 11, 2001 filed 09/902,490 (C) in U.S. Appln. No. line A, B and/or C) 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 legals representatives; the undersigned agree(s) that the attorney of record in said application shall AND the undersigned hereby agree(s) to testify and execute any papers for ASSIGNEE, its successors, assigns and legal representatives, deerned hereinafter act on behalf of said ASSIGNEE; essential by ASSIGNEE to ASSIGNEE'S full protection and title in and to the invention hereby transferred. The undersigned hereby authorize(s) Pillsbury Winthrop LLP of the above address to insert hereon any further identification necessary or desirable for $NOTE \rightarrow \rightarrow$ recordation of this document. DATE SIGNED 23 August 2001 INVENTORS 1): Antonius Johannes Josephus VAN Name: DIJSSELDONK August 2001 2) Erik Roelof LOOPS 23 August 2001 Name: 3) Janneke Keijzers Dominicus Jacobus Petrus Adrianus FRANKEN

PAT-114 1/00

30208018 1.DOC

Name: 4) Name: Name: 5) Name: Name:

> PATENT REEL: 012137 FRAME: 0302

RECORDED: 09/05/2001