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TO THE ASSISTANT COMMISSIC.	101337974				
SIR: PLEASE RECORD THE ATTACHE		S OR COPY TH	EREOF.		
1. NAME OF CONVEYING PARTY(IES) 1. MICHAEL JOZEFA MATHIJS RENKE			RARDUS BOUW	'ER	
3. JOHANNES CORNELIS DRIESSEN				EPHUS BISSCH	OPS
5. HERMANUS MATHIAS JOANNES RE	1	3. JAKOB VIJFVI			。 🔳
7. ADDITIONAL NAME(S) OF CONVEYING			`		2 ^{PT}
ADDITIONAL NAME(S) OF CONVENING	S FART (IES) AT AOHED		,		123 /00
2. PARTY(IES) (ASSIGNEE(S)) RECEIV	ING INTEREST: 4-	17-00			
NAME: ASM LITHOGRAPHY B.V.					
ADDRESS: De Run 1110, 5503 LA Veld	hoven, The Netherlands		,		j.
		-7	09/55		
ADDITIONAL NAME(S) & ADDRESS(ES		<u>≺</u> INO	091551	232	
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ASSIGNMENT DIFFER SEE ATTY!) Ma	rch 17, 2000 (all)				
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Please	return	signed/recorded to:

Pillsbury Madison & Sutro LLP Intellectual Property Group 1100 New York Avenue, NW Ninth Floor Washington, DC 20005-3918

For Inventions made outside USA			
executed with or after application			
Atty. Dkt. PMS P-0132.010-US			
M# Client Ref			

Client Ref.

NONPROVISIONAL

USA Patent Appln. Sole or Joint

NONPROVISIONAL

ASSIGNMENT **OF NONPROVISIONAL APPLICATION**

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) Michael Jozefa Mathijs Renkens	(2) Adrianus Gerardus Bouwer
NAME(S) OF	(3) Johannes Cornelis Driessen	(4) Theodorus Hubertus Josephus Bisschops
INVENTOR(S)	(5) Hermanus Mathias Joannes Rene Soemers	x box if continued on page 2
the receipt and s and transfer(s) u	ufficiency of which are hereby acknowledged by the undersigne nto:	d who at the request of, hereby sell(s), assign(s)
INSERT	ASM Lithography B.V.	

INSERI	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 Multi-stage Drive Arrangements and their Application in Lithographic Projection Apparatus

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

<u>NOTE</u> $\rightarrow \rightarrow$	(A) 🖂 even date herewith	
(Complete	(B) on filed	
line A, B and/or C)	(C) in U.S. Appln. No. / filed	

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, deemed 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 Madison & Sutro LLP of the above address to insert hereon any further identification necessary or desirable <u>NOTE</u> $\rightarrow \rightarrow$ for recordation of this document.

	INVENTORS	DATE SIGNED	WITNESSES
1): Name:	Michael Jozefa Mathijs Renkens	17 March 2000	Age Ratikenta
2) Name:	Adrianus Gerardus Bouwer	17 March 2000	Age Haukenall
3) Name:	Johannes Cornelis Driessen	17 March 2000	Age Rankema
4) Name: Name:	Theodor Si Hubertus Josephus Bisschops	17 March 2000	Age Raukema Cu
5) Name: Name:	Herma vis Marinas Joannes Rene Soemers	17 March 2000	Age Raukema
	H PII		PAT-114 12/99

PATENT REEL: 011954 FRAME: 0245

ASSIGNMENT

(Continued from page 1)

LISTING OF ADDITIONAL INVENTORS

INSERT	
NAME(S) OF	
INVENTOR(S)	

· .

(6) Jakob Vijfvinkel	(7)
(8)	(9)
(10)	(11)
(12)	(13)
(14)	(15)

	SIGNATURES OF ADDITIONAL INVENTORS/WITNESSES/DATES SIGNED					
6):	INVENTORS JVine	DATE SIGNED	WITNESSES			
Name: 7)	Jakob Vijfvinkel	17 March 2000	Age Raukenia			
Name: 8)						
Name: 9)						
Name		<u></u>				
10) Name:						
11) Name:						
12) Name:						
13) Name:						
14)		- <u>-</u>				
Name: 15)						
Name:						

RECORDED: 04/17/2000