07-29-2004 BOX ASSIGNMENTS DO NOT USE FOR TRADEMARKS TO THE DIRECTOR OF THE US PATEN 102801581 SIR: PLEASE RECORD THE ATTACHED COPY THEREOF 1. NAME OF CONVEYING PARTY(IES) (ASSIGNORS(S)): 1. BANINE, Vadim Yevgenyevich 2. DE KUSTER, Johannes Peterus Henricus 3. MOORS, Johannes Hubertus Josephina 4. SCHUURMANS, Frank Jeroen Pieter 5. STEVENS, Lucas Henricus Johannes 6. 7. 8. ADDITIONAL NAME(S) OF CONVEYING PARTY(IES) ATTACHED? ☐YES ☒NO 2. PARTY(IES) (ASSIGNEE(S)) RECEIVING INTEREST: NAME: ASML NETHERLANDS B.V. ADDRESS: De Run 6501, NL-5504 DR 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) **MASSIGNMENT OF** ⊠WHOLE PART INTEREST EXEC. DATE: July 12, 2004; July 12, 2004; ORIGINAL July 12, 2004; June 2, 2004; July 12, 2004 TCHANGE OF NAME TVERIFIED TRANSLATION SECURITY MERGER OTHER: EXECUTION DATE(S) ON THE DECLARATION IF FILED HEREWITH: (NOTE: IF DATES ON DECLARATION AND ASSIGNMENT DIFFER SEE ATTY!) 4.5 APPL. NO.(S) OR PAT NO.(S). OTHERS ON ADDITIONAL SHEET(S) attached? ∃YES ⊠NO A. PAT. APP. NO.(S) B. PATENT NO(S) 1# INVENTOR 1* INVENTOR M# (T) 25 Miles series code/serial no if not in item 1 if not in item 1 10/747,613 307456 5. Name & Address of Party to Whom Correspondence NUMBER INVOLVED: Concerning Document Should be Mailed: APPLNS $\underline{1}$ + PATS $\underline{0}$ = TOTAL = 1 Pillsbury Winthrop LLP 7. AMOUNT OF FEE DUE: (Code 8021) Intellectual Property Group ABOVE TOTAL x \$40 = \$40P.O. Box 10500 McLean, VA 22102 5.5ATTY DKT: 8. PLEASE CHARGE TO OUR DEPOSIT ACCOUNT NUMBER: 03-3975 P 307456 P-1794.000-US UNDER ORDER NO 81468 307456 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. Total number of pages including this cover sheet, attachments and document 3 (do not file dup. Cover sheet) Signature Attorney: Emily T. Bell Rea. No. 47418 Date: July 23, 2004 Atty/Sec: ETB/RSP TEL: (703) 905-226° FAX: (703) 905-2500 FILE WITH PTO RETURN RECEIPT (PAT-103A) 00000090 033975

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USA Patent Appln. Sole or Joint

For Inventions made outside USA executed with or after application

Atty. Dkt. P 307456

(2) DE KUSTER, Johannes Peterus Henricus

P-1794.000-US Client Ref.

NONPROVISIONAL

NONPROVISIONAL

INSERT

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:

(1) BANINE, Vadim Yevgenyevich

NAME(S) OF	:	(3) MOORS, Johannes Hubertus Josephina	(4) SCHUURMAN	S, Frank Jeroen Pieter					
INVENTOR(S	S)	(5) STEVENS, Lucas Henricus Johannes	(6)						
·	Ì	(7)	x box if conti	nued on page 2					
	1								
the receipt a	and suffic	iency of which are hereby acknowledged by the	e undersigned who at th	e request of, hereby sell(s), assign(s)					
and transfer	(s) unto:								
		AGAIL METHERI AMBO B.V							
INSERT		ASML NETHERLANDS B.V.							
NAME(S) OF		De Run 6501							
ASSIGNEE(S		NL-5504 DR Veldhoven							
& ADDRESS	(ES)	The Netherlands							
	-								
(haroinathar da-i-	anatad #A Ct	SIGNEE") the entire right title and interest for the United States of	f America as defined in 35 LLS C	100 in the invention and all applications including					
(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	ſ	LITHOGRAPHIC APPARATUS AND RADIATI	ON SOURCE COMPRIS	SING A DEBRIS-MITIGATION					
INVENTION		SYSTEM AND METHOD FOR MITIGATING D							
	L								
		for which the undersigned executed an applica	tion for Letters Patents	of the United States of America:					
$\underline{NOTE} \to \to$		(A) per even date herewith							
(Complete		(B) on							
line A, B and/or C)		(C) in U.S. Appln. No. 10/747,613	filed _	December 30, 2003					
said ASSIGNEE, hereinafter act o	, for its inter	O the undersigned hereby authorize(s) and request(s) the United est as ASSIGNEE, its successors, assigns and legals representated said ASSIGNEE:	States Commissioner of Patents tives; the undersigned agree(s) the	and Trademarks to issue said Letters Patent to the nat the attorney of record in said application shall					
	ANI	Of the undersigned hereby agree(s) to testify and execute any paper.	ers for ASSIGNEE, its successor	rs, assigns and legal representatives, deemed					
essential by ASS NOTE → →	SIGNEE to A	SSIGNEE'S full protection and title in and to the invention hereby undersigned hereby authorize(s) Pillsbury Winthrop LLP of the a	transterred. bove address to insert hereon ar	ny further identification necessary or desirable for					
recordation of thi			water over to moon more more an	()					
	INVENT	OPS	DATE SIGNED	WITNESSES					
1):	IIA A EIA I	<u>Vno</u>	•	WINE BOLD					
Name:	DANIME		12 July 2004	Janneke Kei Zers					
ivallic.		: Vadim Vevgenvevich /	,	Dannere Merivaers					
2)	DANING	, Vadim Yevgenyevich	_	Jaimeke Kerlyzers					
2) _	H	pyde hust	12 July 2004						
Name:	H	2-11 1-7 1-	12 July 2004	Janneke Keijzers					
Name:3)	DE KUS	TER, Johannes Peterus Henricus	_	Janneke Kpi jzers					
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Name: 3) Name: 4)	DÉ KUS	TEN Johannes Peterus Henricus	12 July 2004	Janneke Kpi jzers					
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Name: 3) Name: 4) Name: 5)	MOORS SCHUL	TEN Johannes Peterus Henricus	12 July 2004	Janneke Kpi jzers					
Name: 3) Name: 4) Name: 5)	MOORS SCHUL	TER, Johannes Peterus Henricus Johannes Hubertus Josephina BMANS, Frank Jeroen Pieter	12 July 2004 12 July 2004	Janneke Keijzers Janneke Keijzers					

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For Inventions made outside USA								
executed with or after application								
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NONPROVISIONAL

ASSIGNMENT OF NONPROVISIONAL APPLICATION

NONPROVISIONAL

		<u>OF NC</u>	MPROVISION	NAL APPLI	CATION	<u> </u>	
the unders			Ten Dollars (\$10.0	00) and other g	ood and v	valuable consideration paid to each of	
INSERT		(1) BANINE, Vadim Yevge	enyevich	T	(2) DE KU	STER, Johannes Peterus Henricus	
NAME(S) O	F	(3) MOORS, Johannes Hu				URMANS, Frank Jeroen Pieter	
INVENTOR	(S)	(5) STEVENS, Lucas Hen	ricus Johannes		x box	if continued on page 2	
the receipt and transfe			cknowledged by the	ne undersigned	d who at t	the request of, hereby sell(s), assign(s)	
INSERT		ASML NETHERLANDS B.V	/				
NAME(S) O							
ASSIGNEE		NL-5504 DR Veldhoven					
& ADDRES		The Netherlands					
(hereinafter de any and all divi	signated "AS sions, contin	SSIGNEE") the entire right, title and inter luations, substitutes, and reissues there	est for the United States of; and all resulting pater	of America as defin ats, known as	ed in 35 U.S.	C. 100, in the invention and all applications including	
TITLE OF INVENTION							
<u>NOTE</u> → → (Complete	•	for which the undersigned e (A) even date herewith (B) on		ation for Lette	rs Patents	s of the United States of America:	
line A, B an	d/or C)	(C) X in U.S. Appln. No.	10/747,613		filed	December 30, 2003	
hereinafter act	E, for its inter on behalf of AN SIGNEE to / The	rest as ASSIGNEE, its successors, assiq said ASSIGNEE; Di the undersigned hereby agree(s) to te ASSIGNEE'S full protection and title in a e undersigned hereby authorize(s) Pillsb	gns and legals represent estify and execute any pa nd to the invention hereb	atives; the undersign opers for ASSIGNEE by transferred.	ned agree(s) E, its success	ts and Trademarks to issue said Letters Patent to the that the attorney of record in said application shall ors, assigns and legal representatives, deemed any further identification necessary or desirable for	
1):	INVENT	<u>rors</u>		DATE SIGI	NED	WITNESSES	
Name: 2)	e: BANINE, Vadim Yevgenyevich				- 4		
Name: -	DE KUS	STER, Johannes Peterus He	enricus			\sim ρ	
Name: 4)	MOORS	S, Johannes Hubertus Jose	phina	June 02	2004		
Name:		RMANS, Frank Jeroen Piete	er	(7	Janueke Keijzers	

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STEVENS, Lucas Henricus Johannes

RECORDED: 07/23/2004

5) Name:

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