PATENT ASSIGNMENT

Electronic Version v1.1 Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT		
NATURE OF CONVEYANCE:	ASSIGNMENT		

CONVEYING PARTY DATA

Name	Execution Date
Renatus Gerardus KLAVER	04/10/2006
Erik Roelof LOOPSTRA	04/14/2006
Engelbertus Antonius Fransiscus VAN DER PASCH	04/14/2006

RECEIVING PARTY DATA

Name:	ASML Netherlands B.V.	
Street Address:	De Run 6501	
City:	Veldhoven	
State/Country:	NETHERLANDS	
Postal Code:	NL-5504 DR	

PROPERTY NUMBERS Total: 1

Property Type	Number	
Application Number:	12615685	

CORRESPONDENCE DATA

Fax Number: (202)371-2540

Correspondence will be sent via US Mail when the fax attempt is unsuccessful.

202 371 2600 Phone: Email: donf@skgf.com

Sterne, Kessler, Goldstein & Fox P.L.L.C Correspondent Name:

Address Line 1: 1100 New York Avenue, N.W.

Washington, DISTRICT OF COLUMBIA 20005 Address Line 4:

ATTORNEY DOCKET NUMBER: 1857.5720000

NAME OF SUBMITTER: Donald J. Featherstone

Total Attachments: 2

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REEL: 023496 FRAME: 0880

501011528

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USA Patent Appln. Sole or Joint

For Inventions made outside USA

exe d with or after application

Atty. Lkt. P 350217 P-2470.000-US

M# Client Ref.

NONPROVISIONAL

ASSIGNMENT OF NONPROVISIONAL APPLICATION

NONPROVISIONAL

		n consideration of the sum of Ten Dollars (\$10.	00) and other good an	d valuable consideration paid to each of			
the unde	ersigned, to	o wit:					
INSERT		(1) Renatus Gerardus KLAVER	(2) Frik	Roelof LOOPSTRA			
NAME(S)) OF	(3) Engelbertus Antonius Fransiscus VAN PASCH		According to the terms of the t			
INVENTO	DR(S)	(5)	□x				
the recei	ipt and suff sfer(s) unto	iciency of which are hereby acknowledged by the	e undersigned who a	at the request of, hereby sell(s), assign(s)			
INSERT		ASML NETHERLANDS B.V.					
NAME(S)	OF	De Run 6501					
ASSIGNE		NL-5504 DR Veldhoven					
& ADDRE	ESS(ES)	The Netherlands					
any and all d	livisions, contin	SIGNEE") the entire right, title and interest for the United States of unations, substitutes, and reissues thereof; and all resulting patent	of America as defined in 35 U s, known as	.S.C. 100, in the invention and all applications including			
TITLE OF INVENTIO		DISPLACEMENT MEASUREMENT SYSTEMS LITHOGRAPHIC APPARATUS AND DEVICE MANUFACTURING METHOD					
<u>NOTE</u> → - (Complete	•	for which the undersigned executed an application (A) even date herewith (B) on	ation for Letters Pater	nts of the United States of America:			
line A, B a	ind/or C)	(C) in U.S. Appln. No. 11/384,834	filed	21 March 2006			
nereinafter ac essential by A <u>NOTE</u> → →	ee, for its intent of on behalf of ANI ASSIGNEE to A	D the undersigned hereby authorize(s) and request(s) the United est as ASSIGNEE, its successors, assigns and legals representa said ASSIGNEE; D the undersigned hereby agree(s) to testify and execute any part and the invention hereby undersigned hereby authorize(s) Pillsbury Winthrop LLP of the action.	tives; the undersigned agree(pers for ASSIGNEE, its succe	s) that the attorney of record in said application shall ssors, assigns and legal representatives, deemed			
l) :	INVENT	OG/A M	<u>DATE SIGNED</u> 2006-04-10	WITNESSES			
Name:	Renatus	tus Gerardus KLAVER					
:) lame: i)	Erik Roe	elof LOOPSTRA					
lame:	Engelbe PASCH	rtus Antonius Fransiscus VAN DER		· . ·			

D&A P-2470.000-US II.DOC

PAT-114 1/00

PATENT REEL: 023496 FRAME: 0881 Please return signed/recorded to:

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For Invenions made outside USA execute. with or after application Atty. Dkt. P 350217 P-2470.000-US Client Ref.

NONPROVISIONAL

ASSIGNMENT OF NONPROVISIONAL APPLICATION

NONPROVISIONAL

			en Dollars (\$10.00) and other	good and va	aluable consideration paid to each of
the unders	igned, to	wit:				
INSERT		(1) Renatus Gerardus KLA	VER		(2) Erik Ro	elof LOOPSTRA
NAME(S) O	F	(3) Engelbertus Antonius I PASCH		DER	(4)	
INVENTOR	(S)	(5)			x	
	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		ASML NETHERLANDS B.V.			<u></u>	
NAME(S) O	F	De Run 6501		-		
ASSIGNEE(NL-5504 DR Veldhoven				
& ADDRES		The Netherlands				
(hereinafter des any and all divis	signated "AS sions, continu	SIGNEE") the entire right, title and interest actions, substitutes, and reissues thereof	st for the United States o and all resulting patents	f America as defi s, known as	ined in 35 U.S.C	2. 100, in the invention and all applications including
TITLE OF INVENTION	DISPLACEMENT MEXICONEMENT OF OTEMO ENTROCKY THOUSAND STATES				ARATUS AND DEVICE	
<u>NOTE</u> → → (Complete						
line A, B an	d/or C)	(C) in U.S. Appln. No.	11/384,834	<u>. </u>	filed	21 March 2006
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 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.						
	INVENT	ORS		DATE SIG	GNED	WITNESSES
1):						
Name:	Renatus	Gerardus KLAVER		. A.	-1/1	lo tota
2)		tall		14 Upi	il 06	H Kathari
Name:	Erik Ro	elof LOOPSTRA		·	m 1 (m)	Lig Verkuijlen
3)		1777		14 UPK	"U 06	bra Verkuijlen
Name:	Engelbe PASCH	ertus Antonius Fransiscus V	AN DER			Pra vervarlien

PAT-114 1/00

RECORDED: 11/10/2009

D&A P-2470.000-US II

PATENT

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