IOP \$40,00 12465118

PATENT ASSIGNMENT

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
Maarten Marinus Johannes Wilhelmus VAN HERPEN	11/24/2006
Vadim Yevgenyevich BANINE	11/30/2006
Derk Jan Wilfred KLUNDER	11/24/2006
Wouter Anthon SOER	11/21/2006
Johannes Christiaan Leonardus FRANKEN	11/30/2006
Olav Waldemar Vladimir FRIJNS	11/30/2006
Niels Machiel DRIESSEN	11/30/2006

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PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	12465118

CORRESPONDENCE DATA

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PATENT REEL: 022679 FRAME: 0049

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NAME OF SUBMITTER: Donald J. Featherstone

Total Attachments: 4

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> PATENT REEL: 022679 FRAME: 0050

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USA Patent Appln. Sole or Joint

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executed with or after application			
Atty. Dkt. P 357817 P-2622.000-US			
M#	Client Ref.		

ASSIGNMENT OF NONPROVISIONAL APPLICATION

NONPROVISIONAL

	OF NONFITOVISIONA	LAPPLICATIO	<u>\ \ </u>		
the undersigned, to	In consideration of the sum of Ten Dollars (\$10.00) o wit:	and other good and	valuable consideration paid to each of		
INSERT	(1) Maarten, Marinus, Johannes, Wilhelmus V HERPEN	AN (2) Vadin	n, Yevgenyevich BANINE		
NAME(S) OF	(3) Johannes, Christiaan, Leonardus FRANK	EN (4) Olav.	Waldemar, Vladimir FRIJNS		
INVENTOR(S)	(5) Derk, Jan, Wilfred KLUNDER		if continued on page 2		
the receipt and suf and transfer(s) unt	ficiency of which are hereby acknowledged by the ι ο:	indersigned who at	the request of, hereby sell(s), assign(s)		
INSERT	ASML NETHERLANDS B.V. Ko	oninklijke Philips Ele	ctronics N.V.		
NAME(S) OF		oenewoudseweg 1			
ASSIGNEE(S)		321 BA Eindhoven			
& ADDRESS(ES)		e Netherlands			
any and all divisions, conti	SSIGNEE*) the entire right, title and interest for the United States of Arnuations, substitutes, and reissues thereof; and all resulting patents, ke Radiation System and Lithographic Apparatus Co	nown as	C. 100, in the invention and all applications including		
INVENTION	Tradication System and Entrograpmo Apparation of				
NOTE → → (Complete	for which the undersigned executed an application (A) even date herewith (B) on	on for Letters Patents	s of the United States of America:		
line A, B and/or C)	(C) ⊠ in U.S. Appln. No. <u>11/527,731</u>	filed	27 September 2006		
said ASSIGNEE, for its inte hereinafter act on behalf of Al essential by ASSIGNEE to	ND the undersigned hereby agree(s) to testify and execute any papers ASSIGNEE'S full protection and title in and to the invention hereby tra ne undersigned hereby authorize(s) Pillsbury Winthrop LLP of the aboy	s; the undersigned agree(s) for ASSIGNEE, its success nsferred.	that the attorney of record in said application shall ors, assigns and legal representatives, deemed		
<u>INVEN</u> 1):		DATE SIGNED	<u>WITNESSES</u>		
Name: Maarte HERPE	Maarten, Marinus, Johannes, Wilhelmus VAN HERPEN				
2) Name: Vadim, 3)	Yevgenyevich BANINE				
	nes, Christiaan, Leonardus FRANKEN				

24th NOV 2006

D&A P-2622.000-US II

Name:

5) Name: Olav, Waldemar, Vladimir FRIJNS Derk, Jan, Wilfred KLUNDER

PAT-114 1/00

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M# Client Ref.			

NONPROVISIONAL

ASSIGNMENT

NO	NP	RO'	VISI	10	NAL
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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) Maarten, Marinus, Johannes, Wilhelmus VAN (2) Vadim, Yevgenyevich BANINE **HERPEN** (3) Johannes, Christiaan, Leonardus FRANKEN NAME(S) OF (4) Olav, Waldemar, Vladimir FRIJNS **INVENTOR(S)** (5) Derk, Jan, Wilfred KLUNDER 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 ASML NETHERLANDS B.V. Koninklijke Philips Electronics N.V. NAME(S) OF De Run 6501 Groenewoudseweg 1 ASSIGNEE(S) NL-5504 DR Veldhoven 5621 BA Eindhoven & ADDRESS(ES) The Netherlands 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 Radiation System and Lithographic Apparatus Comprising the Same INVENTION for which the undersigned executed an application for Letters Patents of the United States of America: NOTE $\rightarrow \rightarrow$ (A) even date herewith (Complete (B) on line A, B and/or C) (C) in U.S. Appln. No. 11/527,731 filed 27 September 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. 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. INVENTORS DATE SIGNED WITNESSES 1): Maarten, Marinus, Johannes, Wilhelmus VAN Name: HERPEN 2) Name: Vadim, Yevgenvevich BANINE 3) Johannes, Christiaan, Leonardus FRANKEN Name:

D&A P-2622.000-US II

Olav, Waldemar, Vladimir FRIJNS

Derk, Jan, Wilfred KLUNDER

4)

Name: 5)

Name:

PAT-114 1/00

ASSIGNMENT

(Continued from page 1)

LISTING OF ADDITIONAL INVENTORS

INSERT NAME(S) OF INVENTOR(S)

(6) Niels, Machiel DRIESSEN	(7) Wouter, Anthon SOER		
(8)	(9)		
(10)	(11)		
(12)	(13)		
(14)	(15)		

SIGNATURES OF ADDITIONAL INVENTORS/WITNESSES/DATES SIGNED

	INVENTORS .	DATE SIGNED	<u>WITNESSES</u>
6):	m/ nem	30 NOU 2006	
Name:	Niels, Machiel ĎRIESSEN		
7)	,		•
Name:	Wouter, Anthon SOER		

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(Continued from page 1)

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INSERT NAME(S) OF INVENTOR(S)

(6) Niels, Machiel DRIESSEN	(7) Wouter, Anthon SOER	
(8)	(9)	
(10)	(11)	
(12)	(13)	
(14)	(15)	

SIGNATURES OF ADDITIONAL INVENTORS/WITNESSES/DATES SIGNED

6):	INVENTORS	DATE SIGNED	WITNESSES
Name:	Niels, Machiel DRIESSEN	. / /2 /	
7) Name:	Wouter, Anthon SOER	11/21/2006	

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RECORDED: 05/13/2009

PAT-114 1/00

PATENT REEL: 022679 FRAME: 0054