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SIR: PLEASE RECORD THE ATTACHED ORIGINAL DOCUMENTS OR	COPY	THEREOF.
1 NAME OF CONVEYING PARTY(IES) (ASSIGNORS(S)):		

- 1. STREEFKERK, Bob
- 3. GRAUPNER, Paul
- 5. HATTU, Nicodemus
- 7. LOOPSTRA, Erik Roelof

TO THE DIRECTOR OF THE US PAT

8. GELLRICH, Bernard

- 2. BASELMANS, Johannes Jacobus Matheus
- 4. HAISMA, Jan
- 6. HOOGENDAM, Christiaan Alexander
- 8. MULKENS, Johannes Catharinus Hubertus

ADDITIONAL NAME(S) OF CONVEYING PARTY(IES) ATTACHED? 14ES 12INO	是
2. PARTY(IES) (ASSIGNEE(S)) RECEIVING INTEREST:	F. 70 A
NAME: ASML NETHERLANDS B.V.	
ADDRESS: De Run 6501, NL-5504 DR Veldhoven, The Netherlands	

|--|

- 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

CHANGE OF NAME

- WHOLE PART INTEREST
- VERIFIED TRANSLATION
- **EXEC. DATE:** April 15, 2004; April 15, 2004; May 26, 2004; April 13, 2004; April 13, 2004;
- April 15, 2004; April 15, 2004; April 15, 2004; June 2, 2004

SECURITY MERGER OTHER: Correction of Recordation of Assignment for S.N. 10/719,683 recorded at Reel 015464, Frame 0833 on 06/14/2004 (See Attached)

EXECUTION DATE(S) ON THE DECLARATION IF FILED HEREWITH: (NOTE: IF DATES ON DECLARATION AND ASSIGNMENT DIFFER SEE ATTY!) April 15, 2004; April 15, 2004; May 26, 2004; April 13, 2004; April 13, 2004; April 15, 2004; April 15, 2004; April 15, 2004; June 2, 2004

4.5 APPL. NO.(S) OR P.	AT NO.(S). OTHERS	S ON ADDITIONAL S	SHEET(S) attached?	_YES ⊠NO	
A. PAT. APP. NO.(S)	M#	1# INVENTOR	B. PATENT NO(S)	M#	1st INVENTOR
series code/serial no	30.00	if not in item 1	64 C 1 C 1 C 1 C 1 C 1 C 1 C 1 C 1 C 1 C		if not in item 1
10/710 683	306883				

- 5. Name & Address of Party to Whom Correspondence
 - Concerning Document Should be Mailed:
- NUMBER INVOLVED:
 - APPLNS 1 + PATS 0 = TOTAL =

7. AMOUNT OF FEE DUE: (Code 8021) ABOVE TOTAL x \$40 = \$40

Pillsbury Winthrop Shaw Pittman LLP Intellectual Property Group

P.O. Box 10500 McLean, VA 22102

8. PLEASE CHARGE TO OUR DEPOSIT ACCOUNT 5.5 ATTY DKT:

NUMBER: 03-3975 P 306882 P-1741.000-US UNDER ORDER NO 81468 306882 dup, sheet not required CLIENT NO. CLIENT REF. 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.

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10. Total number of pages including this cover sheet, attachments and document (do not file dup. Cover sheet)

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Attorney:

Jean-Paul Hoffman V

Reg. No. 42663 Atty/Sec: JGH/ntb

TEL: (703) 905-2094

Date: May 3, 2005

FAX: (703) 905-2500

5/05/2005 GTCH11 00000105 033975

FILE WITH PTO RETURN RECEIPT (PAT-103A) 10719683

PAT-114X 9/03

REEL: 016519 FRAME: 0801

	<u> </u>
Continuation of item 2 RE Name/Address of Assignee(s)	
<u>Name</u>	Address
CARL ZEISS SMT AG	Carl-Zeiss-Strasse 22, 73447 Oberkochen, Germany

BOX ASSIGNMENTS		DO NOT USE	FOR TRADEMARKS
TO THE DIRECTOR OF THE US PATE.	1027/1063	ETE	
3. GRAUPNER, Paul	ASSIGNORS(S)): 2. BASEL 4. HAISM 6. HOOGI 8. MULKE 8.	MANS, Johannes Jacobus Mathe A, Jan ENDAM, Christiaan Alexander ENS, Johannes Catharinus Hubert	
2. PARTY(IES) (ASSIGNEE(S)) RECEIV		_	
NAME: ASML NETHERLANDS B.V			
ADDRESS: De Run 6501, NL-5504 DR \			
ADDITIONAL NAME(S) & ADDRESS(ES 3. NATURE OF CONVEYANCE (DOCU	S) ATTACHED? YES NO		
(Submit herewith only one document document)	for recordation—multiple copies of sa		
I	DLE PART INTEREST SIMILE/PHOTOCOPY FIED TRANSLATION	EXEC. DATE: April 15, 2004 May 26, 2004; April 13, 2004 April 15, 2004; April 15, 2004 June 2, 2004	; April 13, 2004;
	THER:		
EXECUTION DATE(S) ON THE DECLAR ASSIGNMENT DIFFER SEE ATTY!) A April 15, 2004; April 15, 2004; June 2, 200	pril 15, 2004; April 15, 2004; May 26 04	i, 2004; April 13, 2004; April 13, 2	N AND 1004; April 15, 2004;
4.5 APPL. NO.(S) OR PAT NO.(S). OTH			*/F#NVENEZAVAMA
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10/719,683 306882			
Name & Address of Party to Whom Co Concerning Document Should be Maile	ed: 6. NUMB APPLN	ER INVOLVED: NS <u>1</u> + PATS <u>0</u> = TOTAL =	1
Pillsbury Winthrop LLP	7. AMOUN	IT OF FEE DUE: (Code 8021)	
Intellectual Property Group P.O. Box 10500 McLean, VA 22102	ABOVE	TOTAL x \$40 = \$40	
5.5ATTY DKT:	8. PLEASE	CHARGE TO OUR DEPOSIT ACC	OUNT
1	NUMBER	R: 03-3975	
	-1741.000-US UNDER OF CLIENT REF. dup. sheet no		306882 MATTER NO.
To the best of my knowledge and belief the original document.	, the foregoing information is true ar		
	cover sheet	mber of pages <u>including</u> this , attachments and document dup. Cover sheet)	7
Attorney: Jean-Paul Hoffman			_
Reg. No. 42663		ne 14, 2004	
Atty/Sec: JH/RSP TEL: (703		X: (703) 905-2500	

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PAT-114X 9/03

Continuation of item 2 RE Name/Address of Assignee(s)		
Name	Address	
CARL ZEISS SMT AG	Carl-Zeiss-Strasse 22, 73447 Oberkochen, Germany	
:		1

Please return signed/recorded to:

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USA Patent Appln. Sole or Joint

For I tions made executed with or after			
Atty. Dkt. P 306882 P-1741.000-US			
M#	Client Ref		

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:

INSERT	(1) STREEFKERK, Bob	(2) BASELMANS, Jo	hannes Jacobus Matheus
NAME(S) OF	(3) GRAUPNER, Paul	(4) HAISMA, Jan	
INVENTOR(S)	(5) HATTU, Nicodemus	x box if continue	d on page 2
the receipt and su and transfer(s) uni	fficiency of which are hereby acknowled		the request of, hereby sell(s), assign(s)
INSERT	ASML NETHERLANDS B.V.		
NAME(S) OF	De Run 6501		
ASSIGNEE(S)	NL-5504 DR Veldhoven		
& ADDRESS(ES)	The Netherlands		
INSER1"	Carl Zeiss SMT AG		
NAME(S) OF	Carl-Zeiss-Strasse 22		
ASSIGNEE(S)	73447 Oberkochen		
& ADDRESS(ES)	Germany		
TITLE OF INVENTION NOTE → →	ITHOGRAPHIC APPARATUS AND for which the undersigned executed a	TOTAL	
(Complete	(B)		
line A, B and/or C)	(C) in U.S. Appln. No. 10/719,6	583 filed	November 24, 2003
hereinafter act on behalf of AN essential by ASSIGNEE to A	D the undersigned hereby agree(s) to testify and exect ASSIGNEE'S full protection and title in and to the inventor a undersigned hereby authorize(s) Pillsbury Winthrop L	representatives; the undersigned agree(s) to tute any papers for ASSIGNEE, its successoration hereby transferred	hat the attorney of record in said application shall rs, assigns and legal representatives, deemed
INVENT	ORS	DATE SIGNED	WITNESSES.
1):	MCDI Dah		Mulia
	KERK Bob	15-04-2004	Nanda Philipse
2) PASELL	MANS, Johannes Jacobus Matheus	15/04/2004	Milia
Name: BASELI 3)	MANS, Johannes Jacobus Matheus	/ /	Nanda Philipse
	NER, Paul		
4)			
Name: HAISMA	, Jan		
5)			
Name: HATTU,	Nicodemus		

PATENT REEL: 016519 FRAME: 0805

PAT-114 1/00

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Intellectual Property Group
P.O. Box 10500
McLean, VA 22102

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For Inventions made outside USA executed with or after application	
Atty. Dkt. P 306882	P-1741.000-US
M#	Client Ref.

NONPROVISIONAL

Name:

Name: -2150018.doc

5)

HAISMA, Jan

HATTU, Nicodemus

ASSIGNMENT OF NONPROVISIONAL APPLICATION

NONPROVISIONAL

•	OF NUMPROVISION	NAL APPLICATION	<u>.</u>
ı	n consideration of the sum of Ten Dollars (\$10.	00) and other good and v	valuable consideration haid to each of
the undersigned, to	•	oo, and other good and v	aldable consideration paid to each of
the undersigned, to	, m		
INSERT	(1) STREEFKERK, Bob	(2) BASELMANS, Joh	annes Jacobus Matheus
NAME(S) OF	(3) GRAUPNER, Paul	(4) HAISMA, Jan	
INVENTOR(S)	(5) HATTU, Nicodemus	x box if continued	on page 2
	ficiency of which are hereby acknowledged by t	he undersigned who at t	he request of, hereby sell(s), assign(s)
and transfer(s) unto	D:		
INSERT	ASML NETHERLANDS B.V.		
NAME(S) OF	De Run 6501		
ASSIGNEE(S)	NL-5504 DR Veldhoven		
& ADDRESS(ES)	The Netherlands		
INSERT	Carl Zeiss SMT AG		
NAME(S) OF	Carl-Zeiss-Strasse 22		
ASSIGNEE(S)	73447 Oberkochen Germany		
& ADDRESS(ES)	Germany		
(hereinafter designated "A	SSIGNEE") 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, conti	nuations, substitutes, and reissues thereof; and all resulting pate	nts, known as	
TITLE OF	LITHOGRAPHIC APPARATUS AND DEVICE	MANUFACTURING MI	THOD
INVENTION			
	for which the undersigned executed an applie	cation for Letters Patents	of the United States of America:
	To Which the discount executed an application	battorn for Ections 1 atomic	of the office offices of America.
<u>note</u> → →	(A) 🔲 even date herewith		
(Complete	(B) on		
line A, B and/or C)	(C) in U.S. Appln. No. 10/719,683	filed	November 24, 2003
	ND the undersigned hereby authorize(s) and request(s) the Unite		
said ASSIGNEE, for its inte hereinafter act on behalf o	rest as ASSIGNEE, its successors, assigns and legals represent	tatives; the undersigned agree(s)	that the attorney of record in said application shalf
1A	ND the undersigned hereby agree(s) to testify and execute any page 1	apers for ASSIGNEE, its successo	ors, assigns and legal representatives, deemed
essential by ASSIGNEE to NOTE -> -> Th	ASSIGNEE'S full protection and title in and to the invention herel to undersigned hereby authorize(s) Pillsbury Winthrop LLP of the	by transferred. above address to insert hereon a	ny further identification necessary or desimble for
recordation of this documer		above addition to modify noticely a	in the second responding of desirable for
<u>INVEN</u>	TORS	DATE SIGNED	<u>WITNESSES</u>
1):		<u> </u>	<u> </u>
	FKERK, Bob		
2)			
	MANS, Johannes Jacobus Matheus	La 21 3.	man in the state of
3) <u>the</u>		1 104 CB, 2004	Experide Angtenling
Name: GRAUF 4)	PNĚŘ, Paul ∜	, ,	, ,
P)			

PATENT REEL: 016519 FRAME: 0806

PAT-114 1/00

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Pillsbury Winthrop LLP
Intellectual Property Group
P.O. Box 10500
McLean, VA 22102

USA Patent Appln. Sole or Joint

For Intentions madexecuted with or aft	
Atty. Dkt. P 306882	P-1741.000-US
M#	Client Ref

NONPROVISIONAL

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ASSIGNMENT OF NONPROVISIONAL APPLICATION

NONPROVISIONAL

**	OF NONPROVIS	IONAL APPLICATION	<u>N</u>
	In consideration of the sum of Ton Dollars (9	10 00) and other good and	valuable consideration poid to each of
the undersigned	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) STREEFKERK, Bob	(2) BASELMANS, Jo	hannes Jacobus Matheus
NAME(S) OF	(3) GRAUPNER, Paul	(4) HAISMA, Jan	
INVENTOR(S)	(5) HATTU, Nicodemus	x box if continue	d on page 2
,	197		
the receipt and su	ifficiency of which are hereby acknowledged l	by the undersigned who at	the request of, hereby sell(s), assign(s)
and transfer(s) un			
			•
INSERT	ASML NETHERLANDS B.V.		
NAME(S) OF	De Run 6501		
ASSIGNEE(S)	NL-5504 DR Veldhoven		
& ADDRESS(ES)	The Netherlands		
WOEDT	Carl Zeiss SMT AG		
INSERT NAME(S) OF	Carl-Zeiss-Strasse 22		
ASSIGNEE(S)	73447 Oberkochen		
& ADDRESS(ES)	Germany		
<i>a,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,</i>	•		
(hereinafter designated "/	ASSIGNEE") the entire right, title and interest for the United S tinuations, substitutes, and reissues thereof; and all resulting	tates of America as defined in 35 U.S	s.C. 100, in the invention and all applications including
any and all divisions, con	unidations, substitutes, and resisted thereof, and an resisting	pateria, known as	
TITLE OF	LITHOGRAPHIC APPARATUS AND DEV	ICE MANUFACTURING M	IETHOD
INVENTION			
	for which the undersigned executed an ap	onlication for Letters Patent	s of the United States of America:
	to willow are all delegated excepted all ap	phoduoti for Lottoro i dioni	of the office offices of Afficients.
$\underline{NOTE} \rightarrow \rightarrow$	(A) even date herewith		
(Complete	(B) 🔲 on		
line A, B and/or C)	(C) in U.S. Appln. No. <u>10/719,683</u>	filed	November 24, 2003
	ND the undersigned hereby authorize(s) and request(s) the l	United States Commissioner of Pater	ats and Trademarks to issue said Letters Patent to the
said ASSIGNEE, for its inf	terest as ASSIGNEE, its successors, assigns and legals repre	sentatives; the undersigned agree(s)) that the attorney of record in said application shall
hereinafter act on behalf	of said ASSIGNEE; .ND the undersigned hereby agree(s) to testify and execute ar	ny papers for ASSIGNEE, its success	SOTS assigns and legal representatives deemed
essential by ASSIGNEE to	ASSIGNEE'S full protection and title in and to the invention h	nereby transferred.	
NOTE → → T recordation of this docume	he undersigned hereby authorize(s) Pillsbury Winthrop LLP of ent.	the above address to insert hereon	any further identification necessary or desirable for
INVEN	ITORS	DATE SIGNED	<u>WITNESSES</u>
1):	FEVERY RL	_	
	EFKERK, Bob		
2)	LMANS, Johannes Jacobus Matheus		
Name: BASEI 3)	LINANO, Johannes Jacobus Matheus		
	PNER, Paul		
4) GRAO	Misa 4		
Name: HAISM	IA, Jan		B15
5)	While the	april, 13th, 2004	Justelanai. 5.
	J, Nicodemus	PPR 11 1374	mall.

PATENT

REEL: 016519 FRAME: 0807

ASSIGNMENT

(Continued from page 1)

LISTING OF ADDITIONAL INVENTORS

INSERT NAME(S) OF INVENTOR(S)

(6) HOOGENDAM, Christiaan Alexander	(7) LOOPSTRA, Erik Roelof	
(8) MULKENS, Johannes Catharinus Hubertus	(9) GELLRICH, Bernard	
(10)	(11)	
(12)	(13)	
(14)	(15)	

SIGNATURES OF ADDITIONAL INVENTORS/WITNESSES/DATES SIGNED

INVENTORS	DATE SIGNED	WITNESSES
HOOGENDAM, Christiaan Alexander	15-04-2004	Namua Philipse
LOOPSTRA, Erik Roelof	15-04-2004	Nanda Philipse
	13-04-2004	
MULKENS, Johannes Catharinus Hubertus	15-04-2004	Nanda Philipse
GELLRICH, Bernard		
	-	

N_VIRGINIA_30441852_1.DOC

PAT-114 1/00

ASSIGNMENT

(Continued from page 1)

LISTING OF ADDITIONAL INVENTORS

INSERT NAME(S) OF INVENTOR(S)

(6) HOOGENDAM, Christiaan Alexander	(7) LOOPSTRA, Erik Roelof
(8) MULKENS, Johannes Catharinus Hubertus	(9) GELLRICH, Bernard
(10)	(11)
(12)	(13)
(14)	(15)

SIGNATURES OF ADDITIONAL INVENTORS/WITNESSES/DATES SIGNED

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PAT-114 1/00

Addendum

PILLSBURY WINTHROP SHAW PITTMAN LLP

RECORDED: 05/03/2005