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Execution Date(s) <u>See 1 in Addendum</u> Additional name(s) of conveying party(les) attached? Yes X No	Street Address: Dc Run 6501
3. Nature of conveyance:	
X Assignment	City: Veldhoven State: Zip: NL-5504 DR
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4. Application or patent number(s): N This A. Patent Application No.(s) 11/115,406	document is being filed together with a new application. B. Patent No.(s)
Additional numbers at	tached? Yes No
	tached? Yes XNo
Additional numbers at 5. Name and address to whom correspondence concerning document should be mailed:	tached? Yes No 6. Total number of applications and patents involved:
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5. Name and address to whom correspondence concerning document should be mailed: Name: PILLSBURY WINTHROP SHAW PITTMAN LLP Internal Address: P.O. Box 10500 Street Address: 1650 Tysons Boulevard City: McLean	6. Total number of applications and patents involved: 7. Total fee (37 CFR 1.21 (h) & 3.41) \$ 40.00 Authorized to be charged by credit card X Authorized to be charged to deposit account Enclosed None required (government interest not affecting title) 8. Payment Information a. Credit Card Last 4 Numbers Expiration Date b. Deposit Account Number 033975
5. Name and address to whom correspondence concerning document should be mailed: Name: PILLSBURY WINTHROP SHAW PITTMAN LLP Internal Address: P.O. Box 10500 Street Address: 1650 Tysons Boulevard City: McLean State: VA Zip: 22102 Phone Number: (703) 770-7900	6. Total number of applications and patents involved: 7. Total fee (37 CFR 1.21 (h) & 3.41) \$ 40.00 Authorized to be charged by credit card X Authorized to be charged to deposit account Enclosed None required (government interest not affecting title) 8. Payment Information 081468-0315849 a. Credit Card Last 4 Numbers Expiration Date
5. Name and address to whom correspondence concerning document should be mailed: Name: PILLSBURY WINTHROP SHAW PITTMAN LLP Internal Address: P.O. Box 10500 Street Address: 1650 Tysons Boulevard City: McLean State: VA Zip: 22102 Phone Number: (703) 770-7900 Fax Number: (703) 770-7901 Email Address: john.darling@pillsburylaw.com	6. Total number of applications and patents involved: 7. Total fee (37 CFR 1.21 (h) & 3.41) \$ 40.00 Authorized to be charged by credit card X Authorized to be charged to deposit account Enclosed None required (government interest not affecting title) 8. Payment Information a. Credit Card Last 4 Numbers Expiration Date b. Deposit Account Number 033975 Authorized User Name
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Documents to be recorded (including cover sheet) should be faxed to (703) 306-5995, or mailed to: Mail Stop Assignment Recordation Services, Director of the USPTO, P.O.Box 1450, Alexandria, V.A. 22313-1450 11/07/2005 ECOOPER, 00000191, 033975 11115406

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Attachment to Form PTO - 1595 Recordation Form Cover Sheet

July 7, 2005; July 7, 2005; July 11, 2005; March 10, 2005; March 10, 2005; respectively

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V# Client Ref.

NONPROVISIONAL

ASSIGNMENT OF NONPROVISIONAL APPLICATION

NONPROVISIONAL

ERT	(1) van HERPEN, Maarten Marinus Johannes Wilhelmus	(2) BAKKER, Levinus Pieter
ME(S) OF	(3) BANINE, Vadim Yevgenyevich	(4) KLUNDER, Derk Jan Wilfred
ENTOR(S)	(5)	x box if continued on page 2
transfer(s) unto		who at the request of, hereby sell(s), assign(s)
ERT 4E/S) OF	ASML NETHERLANDS B.V.	
ME(S) OF	De Run 6501	
SIGNEE(S)	NL-5504 DR Veldhoven	
DDRESS(ES)	THE NETHERLANDS	
einafter designated "A and all divisions, conti	SSIGNEE*) the entire right, title and interest for the United States of America as defined nuations, substitutes, and reissues thereof; and all resulting patents, known as	in 35 U.S.C. 100, in the invention and all applications including
LE OF ENTION	SPECTRAL PURITY FILTER FOR MULTI-LAYER MIRROR, SUCH MULTI-LAYER MIRROR, METHOD FOR ENLARGING UNDERSIRED RADIATION, AND DEVICE MANUFACTURING	THE RATIO OF DESIRED RADIATION AND
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<u>"E</u> → →	for which the undersigned executed an application for Letters	
	for which the undersigned executed an application for Letters (A) even date herewith (B) on	
<u>rE</u> → → mplete A, B and/or C)	for which the undersigned executed an application for Letters (A) even date herewith	
nplete A, B and/or C) A ASSIGNEE, for its interact on behalf of Aidal by ASSIGNEE to → TI	for which the undersigned executed an application for Letters (A) even date herewith (B) on (C) in U.S. Appln. No. 11/115,406 ND the undersigned hereby authorize(s) and request(s) the United States Commissionerest as ASSIGNEE, its successors, assigns and legals representatives; the undersigned feath ASSIGNEE; ND the undersigned hereby agree(s) to testify and execute any papers for ASSIGNEE, ASSIGNEE'S full protection and title in and to the invention hereby transferred, he undersigned hereby authorize(s) Pillsbury Winthrop LLP of the above address to insert	Patents of the United States of America: filed April 27, 2005 or of Patents and Trademarks to issue said Letters Patent to the dagree(s) that the attorney of record in said application shall its successors, assigns and legal representatives, deemed
A B and/or C) A SSIGNEE, for its interaction behalf of Allstate by ASSIGNEE to	for which the undersigned executed an application for Letters (A) even date herewith (B) on (C) in U.S. Appln. No. 11/115,406 ND the undersigned hereby authorize(s) and request(s) the United States Commissionerest as ASSIGNEE, its successors, assigns and legals representatives; the undersigned fe said ASSIGNEE; ND the undersigned hereby agree(s) to testify and execute any papers for ASSIGNEE, ASSIGNEE'S full protection and title in and to the invention hereby transferred, he undersigned hereby authorize(s) Pillsbury Winthrop LLP of the above address to insent. TORS DATE SIGN	Patents of the United States of America: filed April 27, 2005 or of Patents and Trademarks to issue said Letters Patent to the dagree(s) that the attorney of record in said application shall its successors, assigns and legal representatives, deemed on thereon any further identification necessary or desirable for
A, B and/or C) A ASSIGNEE, for its interaction behalf of Altial by ASSIGNEE to the action of this docume	for which the undersigned executed an application for Letters (A) even date herewith (B) on (C) in U.S. Appln. No. 11/115,406 ND the undersigned hereby authorize(s) and request(s) the United States Commissionerest as ASSIGNEE, its successors, assigns and legals representatives; the undersigned feral ASSIGNEE; ND the undersigned hereby agree(s) to testify and execute any papers for ASSIGNEE, 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 insent. TORS JAJANA DATE SIGNEE, DATE SIGNEE, Maarten Marinus Johannes	Patents of the United States of America: filed April 27, 2005 er of Patents and Trademarks to issue said Letters Patent to the d agree(s) that the attorney of record in said application shall its successors, assigns and legal representatives, deemed ent hereon any further identification necessary or desirable for
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USA Patent Appln. Sole or Joint

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the under		consideration of the sum of Ten Dollars (\$10. wit:	00) and other good and	valuable consideration paid to each of
INSERT NAME(S) (INVENTOR		(1) van HERPEN, Maarten Marinus Johann (3) BANINE, Vadim Yevgenyevich (5)		2) BAKKER, Levinus Pieter 4) KLUNDER, Derk Jan Wilfred x box if continued on page 2
	t and suffi	ciency of which are hereby acknowledged by t	he undersigned who at	
INSERT NAME(S) (ASSIGNEE & ADDRES	E(S)	ASML NETHERLANDS B.V. De Run 6501 NL-5504 DR Veldhoven THE NETHERLANDS		
		SIGNEE") the entire right, title and interest for the United States uations, substitutes, and reissues thereof; and all resulting pate		C. 100, in the invention and all applications including
TITLE OF INVENTION	N	SPECTRAL PURITY FILTER FOR MULTI-LA SUCH MULTI-LAYER MIRROR, METHOD F UNDERSIRED RADIATION, AND DEVICE M	OR ENLARGING THE F	RATIO OF DESIRED RADIATION AND
NOTE → - (Complete		for which the undersigned executed an application (A) even date herewith (B) on	cation for Letters Patents	s of the United States of America:
line A, B aı	nd/or C)	(C) M in U.S. Appln. No. 11/115,406	filed	April 27, 2005
hereinafter ac	EE, for its inte ton behalf of AN SSIGNEE to Th	D the undersigned hereby authorize(s) and request(s) the Unitivest as ASSIGNEE, its successors, assigns and legals represensaid ASSIGNEE; D the undersigned hereby agree(s) to testify and execute any passignee's full protection and title in and to the invention here a undersigned hereby authorize(s) Pillsbury Winthrop LLP of the t	tatives; the undersigned agree(s) apers for ASSIGNEE, its success by transferred.	that the attorney of record in said application shalf ors, assigns and legal representatives, deemed
4.	INVENT	ORS	DATE SIGNED	<u>WITNESSES</u>
1): Name: 2) Name:	Wilhelm	RPEN, Maarten Marinus Johannes nus R, Levinus Pieter	7-7-2005	Januare Keijzers
Name:	BANINE	, Vadim Yevgenyevich		
l) Name: Name:	KLUND	ER, Derk Jan Wilfred		

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NAME(S))F	(3) BANINE, Vadim Yevgenyevich		(4) KLUNDER, Derk Jan Wilfred
INVENTOR	(S)	(5)		x box if continued on page 2
the receipt and transfe		•	by the undersigned who	o at the request of, hereby sell(s), assign(s)
INSERT		ASML NETHERLANDS B.V.		
NAME(S) C	F	De Run 6501		
ASSIGNEE	(S)	NL-5504 DR Veldhoven		1
& ADDRES	S(ES)	THE NETHERLANDS		
	isions, contir	uations, substitutes, and reissues thereof; and all resulting	g patents, known as TI-LAYER MIRROR, LITH OD FOR ENLARGING TH	SU.S.C. 100, in the invention and all applications including HOGRAPHIC APPARATUS INCLUDING HE RATIO OF DESIRED RADIATION AND METHOD
<u>NOTE</u> → → (Complete	•	for which the undersigned executed an a (A) even date herewith (B) on		tents of the United States of America:
line A, B an	id/or C)	(C) ⊠ in U.S. Appln. No. 11/115,40	6 file	led April 27, 2005
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1):	INVENT	CORS	DATE SIGNED	WITNESSES
Name: 2)	van HE Wilheln	RPEN, Maarten Marinus Johannes nus		
Name:	BAKKE	R, Levinus Pjeter	11 7-3 20	005
3) Name: 4) Name:	BANINI	, Vadim Yevgenyevich	11 July 20	James Keijzers
Name:	KLUND	ER, Derk Jan Wilfred		

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ERT	(1) van HERPEN, Maarten Marinus Johan	nes Wilhelmus	(2) BAKKER, Levinus Pieter
WE(S) OF	(3) BANINE, Vadim Yevgenyevich		(4) KLUNDER, Derk Jan Wilfred
ENTOR(S)	(5)		x box if continued on page 2
receipt and suf transfer(s) unt	ficiency of which are hereby acknowledged by o:	the undersigned who	at the request of, hereby sell(s), assign(
ERT	ASML NETHERLANDS B.V.		
ME(S) OF	De Run 6501		·
ignee(s)	NL-5504 DR Veldhoven		·
DDRESS(ES)	THE NETHERLANDS		
	SSIGNEE") the entire right, title and interest for the United State nuations, substitutes, and reissues thereof; and all resulting pate		J.S.C. 100, in the invention and all applications including
E OF	SPECTRAL PURITY FILTER FOR MULTI-L	AYER MIRROR, LITH	OGRAPHIC APPARATUS INCLUDING
NTION	SUCH MULTI-LAYER MIRROR, METHOD I		
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٠	for which the undersigned executed an appli	ication for Letters Pate	nts of the United States of America:
<u>'E</u> → →	(A) even date herewith	ication for Letters Pate	nts of the United States of America:
nplete	(A) even date herewith		
nplete A, B and/or C)	(A) ☐ even date herewith (B) ☐ on (C) ☑ in U.S. Appln. No. 11/115,496	file	d _April 27, 2005
A, B and/or C) ASSIGNEE, for its interfer act on behalf of the property of t	(A) even date herewith (B) on (C) in U.S. Appln. No. 11/115,406 ND the undersigned hereby authorize(s) and request(s) the Uniterest as ASSIGNEE, its successors, assigns and legals represent in said ASSIGNEE; ND the undersigned hereby agree(s) to testify and execute any part of the undersigned hereby authorize(s) Pilisbury Winthrop LLP of the	file ted States Commissioner of Pa ntatives; the undersigned agree papers for ASSIGNEE, its succeeding transferred.	d April 27, 2005 tents and Trademarks to issue said Letters Patent to the state of the attorney of record in said application shall essors, assigns and legal representatives, deemed
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A, B and/or C) ASSIGNEE, for its interfer act on behalf of A state by ASSIGNEE to A storn of this document.	(A) even date herewith (B) on (C) in U.S. Appln. No. 11/115,406 ND the undersigned hereby authorize(s) and request(s) the Universet as ASSIGNEE, its successors, assigns and legals represent said ASSIGNEE; ND the undersigned hereby agree(s) to testify and execute any part of the undersigned hereby authorize(s) Pilisbury Winthrop LLP of the undersigned hereby authoriz	file ted States Commissioner of Pa ntatives; the undersigned agree papers for ASSIGNEE, its succeedy transferred. e above address to insert here	d _April 27, 2005 Itents and Trademarks to issue said Letters Patent to the (s) that the attorney of record in said application shall essors, assigns and legal representatives, deemed on any further identification necessary or desirable for
A, B and/or C) ASSIGNEE, for its interfer act on behalf or Adal by ASSIGNEE to Adal by ASSIGNEE to Transfer action of this docume INVEN e: van Hi Wilhel	(A) even date herewith (B) on (C) in U.S. Appln. No. 11/115,406 ND the undersigned hereby authorize(s) and request(s) the Universet as ASSIGNEE, its successors, assigns and legals represent said ASSIGNEE; ND the undersigned hereby agree(s) to testify and execute any part of the undersigned hereby authorize(s) Pilisbury Winthrop LLP of the undersigned hereby authoriz	file ted States Commissioner of Pa ntatives; the undersigned agree papers for ASSIGNEE, its succeedy transferred. e above address to insert here	d _April 27, 2005 Itents and Trademarks to issue said Letters Patent to the (s) that the attorney of record in said application shall essors, assigns and legal representatives, deemed on any further identification necessary or desirable for

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