

Form PTO-1595 (Rev. 08/05)
OMB No. 0651-0027 (exp. 6/30/2008)

03-14-2007



RE

103382387

U.S. DEPARTMENT OF COMMERCE ited States Patent and Trademark Office

· / · · · · · · · · · · · · · · · · · ·				
To the Director of the U.S. Patent and Trademark Office: Please record the attached documents or the new address(es) below.				
1. Name of conveying party(ies) JAN HAUSCHILD ARIE JEFFREY DEN BOEF MARTINUS HENDRIKUS ANTONIUS LEENDERS Additional name(s) of conveying party(ies) attached? X Yes No 3. Nature of conveyance/Execution Date(s): Execution Date(s) 12/13/2006; 12/08/2006; 12/13/2006 X Assignment Merger Security Agreement Change of Name Joint Research Agreement Government Interest Assignment Executive Order 9424, Confirmatory License Other	2. Name and address of receiving party(ies)  Name: ASML Netherlands B.V.  Internal Address: De Run 6501  City: Veldhoven  State: Country: The Netherlands Zip: NL-5504 DR  Additional name(s) & address(es) attached? Yes X No			
A. Patent Application No.(s) 11/020,557	document is being filed together with a new application.  B. Patent No.(s)  ached? Yes XNo			
5. Name and address to whom correspondence concerning document should be mailed:	6. Total number of applications and patents involved:			
Name: PILLSBURY WINTHROP SHAW PITTMAN LLP				
Internal Address: P.O. Box 10500	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			
Street Address: 1650 Tysons Boulevard	Enclosed  None required (government interest not affecting title)			
City: McLean	8. Payment Information 081468-0314223			
State: VA Zip: 22102	a. Credit Card Last 4 Numbers			
Phone Number: (703) 770-7900  Fax Number: (703) 770-7901	b. Deposit Account Number 033975			
Email Address: willie.baeza@pillsburylaw.com	εο			
9. Signature:  Signature  Guillermo E. Baeza, Reg. No. 35056  Name of Person Signing	March 9, 2007 State  Date State  Total number of pages including cover sheet, attachments, and documents 4			

Documents to be recorded (including cover sheet) should be faxed to (571) 273-0140, or mailed to: Mail Stop Assignment Recordation Services, Director of the USPTO, P.O.Box 1450, Alexandria, V.A. 22313-1450

03/13/2007 MJ 01 FC:6021

PATENTS ONLY (	Form PTO-15	595)
Name of conveying party(ies):		
UWE MICKAN - 12/13/2006	ROELAND NIC	OLAAS MARIA VANNEER - 12/13/2006
JACOBUS BURGHOORN - 12/13/2006	<del></del>	025 A 10 11 11 11 11 11 11 11 11 11 11 11 11
Additional name(s) of conveying party(ies) attached?	Yes X No	
2. Name and address of receiving party(ies)		
Name:		
Internal Address:		
Street Address:		
City: State:	ZIP:	
Name and address of receiving party(ies)		j
Name:		
Internal Address:		
Street Address: State:		
Additional name(s) & address(es) attached?		
4. Application number(s) or patent number(s):		
If this document is being filed together with a new applic	ation, the execution da	ate of the application is:
A. Patent Application No.(s)	B. Pate	ent No.(s)
		`,
	<del></del>	
		·
Additional numbers attached?	🎴 Yes 🔼 No	

ATTACHMENT FOR RECORDATION FORM COVER SHEET

PATENT REEL: 019021 FRAME: 0202 Please return signed/recorded to:

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

USA Patent Appln. Sole or Joint

For Inventions made outside USA				
executed with or after	application			
Attv. Dkt. P 314223	P-2133.00			

M#

133.000-US Client Ref.

## NONPROVISIONAL

## ASSIGNMENT OF NONPROVISIONAL APPLICATION

NONPROVISIONAL

NAME(S) OF ASSIGNEE(S)  NL-5504 DR Velidhoven The Netherlands  (hereinater designated 'ASSIGNEE') the entire right, title and interest for the United States of America as defined in 95 U.S.C. 100, in the invention and all applications including any and all divisions, continuations, substitutes, and reissues thereot; and all resulting patents, known as  TITLE OF INVENTION  AN EXPOSURE APPARATUS, A TILTING DEVICE, METHOD FOR PERFORMING A TILTED FOCUS TEST, AND A DEVICE MANUFACTURED ACCORDINGLY  for which the undersigned executed an application for Letters Patents of the United States of America:  NOTE → (A) □ even date herewith (B) □ on  line A, B and/or C)  (C) □ in U.S. Appln. No. 11/020,557 filed December 27, 2004  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 the interest as ASSIGNEE, its successors, assigns and legal representatives, the undersigned agree(s) that the athoney of record in said application shall hereinather act to behalf of said ASSIGNEE; and protection and title in and to the invention hereby transfered.  NOTE → The undersigned hereby authorize(s) Pilisbury Writhrop LLP of the above address to insert hereon any further identification necessary or desirable for executed on this document.  INVENTORS  MARPINUS BENDRIKUS ANTONIUS LEENDERS  AND AUGUS AND ANTONIUS LEENDERS  WINNESSES  AND AUGUS AND ANTONIUS LEENDERS  AND AUGUS AND ANTONIUS ANTONIUS LEENDERS	undersigned, to wit	• • • • • • • • • • • • • • • • • • • •	od and valuable consideration paid to each of the				
NAME(S) OF INVENTOR(S)  (S) ROELAND NICOLAAS MARIA VANNEER (5) JACOBUS BURGHOORN (7)  (T) 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.  DAME(S) OF  ASMIC Netherlands B.V.  DAME(S) OF  ASSIGNEE(S)  The Netherlands  NL-5504 DR Veldhoven  The Netherlands  (hereinafter designated "ASSIGNEE") the entire right, tills 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 relisauses thereot; and all resulting patents, known as  TITLE OF INVENTION  AN EXPOSURE APPARATUS, A TILTING DEVICE, METHOD FOR PERFORMING A TILTED FOCUS  TEST, AND A DEVICE MANUFACTURED ACCORDINGLY  for which the undersigned executed an application for Letters Patents of the United States of America:  NOTE   (A) ven date herewith  (B) on  In e. A, B and/or C)  (C) (C) In U.S. Applin. No. 11/020,557  All Devices of 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 relisauses thereoty, and resulting patents, known as  AND the undersigned benefits and the patent of the United States of America:  NOTE   (A) ven date herewith  (B) on  In e. A, B and/or C)  (C) (C) In U.S. Applin. No. 11/020,557  AND the undersigned hereby authorize(s) and requested) the United States commissioner of Patents and Trademarks to issue said Letters Patent to the said ASSIGNEE; as successors, assigns and logal representatives; the undersigned agencyleth the attorney of record in said application shall benefiniate at on behalf of said ASSIGNEE; as successors, assigns and logal representatives; the undersigned parefully the the attorney of record in and application of the document.  AND the undersigned hereby authorize(s) Pilebury Wintrop LIP of the above address to insent hereon any	INSERT (1	JAN HAUSCHII D	(2) ARIE JEFEREY DEN BOEF				
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.  NAME(S) OF  De Run 6501  ASSIGNEE(S)  NL-5504 DR Veldhoven  The Netherlands  NL-5504 DR Veldhoven  The Netherlands  NL-5504 DR Veldhoven  The Netherlands  SIGNEE(S)  A ADDRESS(ES)  AND a DeVICE MANUFACTURED ACCORDINGLY  for which the undersigned executed an application for Letters Patents of the United States of America:  NOTE → (C) □ In U.S. Applin. No. 11/020,557  Tille A, B and/or C)  (C) □ In U.S. Applin. No. 11/020,557  AND the undersigned received in the entering of the termination of the United States commissioner of Patents and Jordenic to Issue and Applications the hereafted to the hereafted of said ASSIGNEE. Subcessors, assigns and legal representatives, the undersigned precedent to the hereafted of the ASSIGNEE. Subcessors, assigns and legal representatives, the undersigned precedent of the SIGNEE. Subcessors, assigns and legal representatives, the undersigned precedent of the SIGNEE. Subcessors, assigns and legal representatives, the undersigned precedent of the SIGNEE. Subcessors assigns and legal representatives, the undersigned precedent of the SIGNEE. Subcessors assigns and legal representatives, the undersigned precedent of the SIGNEE. Subcessors assigns and legal representatives, the undersigned precedent of the SIGNEE. Subcessors assigns and legal representatives, the undersigned precedent of the SIGNEE. Subcessors assigns and legal representatives, the undersigned precedent of the SIGNEE. Subcessors assigns and legal representatives, the undersigned precedent of the SIGNEE. Subcessors assigns and legal representatives, the undersigned precedent of the SIGNEE. Subcessors assigns and legal representatives, the undersigned precedent of the SIGNEE. Subcessors assigns and legal representatives, the undersigned precedent of the SIGNEE. Subcessors assigns and legal representatives, the undersigned precedent of the SIG			<del></del>				
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.  De Run 6501  De Run 6501  The Netherlands  Nu.5504 DR Veldhoven  The Netherlands  (hereinather designated 'ASSIGNEE') in 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 releasues therefor, and all resulting patients, known as  ITITLE OF INVENTION  AN EXPOSURE APPARATUS, A TILTING DEVICE, METHOD FOR PERFORMING A TILTED FOCUS  TEST, AND A DEVICE MANUFACTURED ACCORDINGLY  for which the undersigned executed an application for Letters Patents of the United States of America:  NOTE   (Complete  (B) or (C) In U.S. Appin. No. 11/020,557  AND the undersigned hereby authorize(s) and requise(s) the United States commissioner or Patents and Tademarks to issue said Letters Patent to the undersigned hereby authorized and executed any papers for ASSIGNEE, its successors, assigns and legal representatives; the undersigned agree(s) that the addressigned hereby authorized is the invention frently transferred.  AND the undersigned hereby authorized plane by a proper for ASSIGNEE, its successors, assigns and legal representatives, the undersigned agree(s) that the addressigned hereby authorized plane by the recent hereby transferred.  AND the undersigned hereby authorized plane by the interest as ASSIGNEE. Its successors, assigns and legal representatives, the undersigned agree(s) that the addressigned hereby authorized plane by the recent hereby transferred.  AND the undersigned hereby authorized plane by authorized plane by the properties of the second of this document.  INVENTIONS  ARIE JEFFREY DEN BOEF  AND ADDRESSIGNEE To BE DEN BOEF  AN	· · · · · · · · · · · · · · · · · · ·						
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.  De Run 6501  ASSIGNEE(s)  INL-5504 DR Veldnoven  & ADDRESS(ES)  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 divisors, continuations, substituties, and release thereot, and all resulting patents, known as  TITLE OF INVENTION  AN EXPOSURE APPARATUS, A TILTING DEVICE, METHOD FOR PERFORMING A TILTED FOCUS  TEST, AND A DEVICE MANUFACTURED ACCORDINGLY  for which the undersigned executed an application for Letters Patents of the United States of America:  NOTE   (Complete  (B)  On  Invention of Patents and Trademarks to issue said Latters Patent to the said ASSIGNEE, for its interest as ASSIGNEE, its successors, assigns and legals representatives; the undersigned agree(s) that the altimory of record in said application shall hereinster and the patent and trademarks to issue said Latters Patent to the said ASSIGNEE. In successors, assigns and legals representatives; the undersigned agree(s) that the altimory of record in said application shall hereinster and the patent of the ASSIGNEE. In successors, assigns and legals representatives; the undersigned agree(s) that the altimory of record in said application shall hereinster the total scale application shall hereinster the said application of this document.  INVENTORS  DATE SIGNED  JAMHAUSCHILD  ARIE JEFFREY DEN BOEF  ARIE JEFREY DEN BOEF	· · · <del>_ · ·</del>	<u> </u>					
INSERT NAME(S) OF ASSIGNEE(S) NL-5504 DR Veldhoven A ADDRESS(ES) The Netherlands  (hereinalter 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, subellitutes, and reissues thereof; and all resulting petents, known as  TITLE OF INVENTION  AN EXPOSURE APPARATUS, A TILTING DEVICE, METHOD FOR PERFORMING A TILTED FOCUS TEST, AND A DEVICE MANUFACTURED ACCORDINGLY  for which the undersigned executed an application for Letters Patents of the United States of America:  NOTE → AND the undersigned executed an application for Letters Patents of the United States of America:  NOTE → (Complete (B) □ on Inte A, B and/or C) (C) □ In U.S. Applin. No. 11/020,557 filled December 27, 2004 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 appreciation shall hereinsters are to nebalf of said ASSIGNEE; its successors, assigns and legals representatives, the undersigned appreciation shall hereinsters to a Insulate the Assignment of Patents and Trademarks to Issue said Letters Patent to the said ASSIGNEE, its successors, assigns and legals representatives, the undersigned appreciation shall hereinsters are not behalf of said ASSIGNEE; its protection and the in and to the invention hereby transferred.  10 AND THE UNDERSON ASSIGNEE.  11 AND THE UNDERSON ASSIGNEE.  12 APPLICATION ASSIGNED  13 Dec. 2006  14 APPLICATION ASSIGNED  14 ASSIGNED  15 ASSIGNED  16 ASSIGNED ASSIGNED  17 ASSIGNED  18 ASSIGNED  19 ASSIGNED  19 ASSIGNED  19 ASSIGNED  19 ASSIGNED  19 ASSIGNED  10 ASSIGNED  10 ASSIGNEE ASSIGNED A	<u> </u>	<u> </u>	x box ii continued on page 2				
NAME(S) OF ASSIGNEE(S)  De Run 6501 NL-5504 DR Veldhoven The Netherlands  NL-6504 DR Veldhoven The Netherlands  NE Netherlands  NE Netherlands  ADDRESS(ES)  NL-5504 DR Veldhoven The Netherlands  NE Netherlands  TITLE OF INVENTION  AN EXPOSURE APPARATUS, A TILTING DEVICE, METHOD FOR PERFORMING A TILTED FOCUS TEST, AND A DEVICE MANUFACTURED ACCORDINGLY  for which the undersigned executed an application for Letters Patents of the United States of America:  NOTE → (A)  even date herewith (Complete (B)  on Iline A, B and/or C) (C) In U.S. Appln. No. 11/020,557  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; to its interest as ASSIGNEE; issuecessors, assigns and legals representatives; the undersigned agree(s) that that attorney of record in said application shall hereinafter act on behalf of said ASSIGNEE; us 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; to settly and execute any papers for ASSIGNEE, its successors, assigns and legals representatives; the undersigned here of the activation of this document.  INVENTORS  ARIE JEFFREY DEN BOEF  Name:	•		rsigned who at the request of, hereby sell(s), assign(s)				
ASSIGNEE(S)  A ADDRESS(ES)  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 ressures thereof; and all resulting patents, known as  TITLE OF INVENTION  AN EXPOSURE APPARATUS, A TILTING DEVICE, METHOD FOR PERFORMING A TILTED FOCUS TEST, AND A DEVICE MANUFACTURED ACCORDINGLY  for which the undersigned executed an application for Letters Patents of the United States of America:  NOTE   (A)   even date herewith (B)   on	INSERT	ASML Netherlands B.V.					
The Netherlands  The N	NAME(S) OF	De Run 6501					
The Netherlands  The N	ASSIGNEE(S)	NL-5504 DR Veldhoven					
AN EXPOSURE APPARATUS, A TILTING DEVICE, METHOD FOR PERFORMING A TILTED FOCUS TEST, AND A DEVICE MANUFACTURED ACCORDINGLY  for which the undersigned executed an application for Letters Patents of the United States of America:    NOTE →	& ADDRESS(ES)	The Netherlands					
TEST, AND A DEVICE MANUFACTURED ACCORDINGLY  for which the undersigned executed an application for Letters Patents of the United States of America:  NOTE → (A) □ even date herewith (Complete (B) □ on  line A, B and/or C) (C) ☑ in U.S. Appln. No.  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, it is 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; his 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; his protection and this in and to the invention hereby transferred.  AND the undersigned hereby authorize(s) Pilisbury Wirithrop LLP of the above address to insert hereon any further identification necessary or desirable for recordation of this document.  INVENTORS  INVENTORS  ARIE JEFFREY DEN BOEF  AND HAUSCHILD  ARIE JEFFREY DEN	any and all divisions, conti	nuations, substitutes, and reissues thereof; and all resulting patents, known	as				
for which the undersigned executed an application for Letters Patents of the United States of America:    NOTE ->	INVENTION						
NOTE → (A) □ even date herewith  (Complete (B) □ on □ Initian (B) □ on □ Initian (C) Initian (B) □ on □ Initian (C) Initian (		TEST, AND A DEVICE MANUFACTURED ACCORD	UNGLY				
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 recordation of this document.  INVENTORS  INVENTORS  ARIE JEFFREY DEN BOEF  ARIE JEFFREY DEN BOEF  ARIE JEFFREY DEN BOEF  WINTERS  ARIE JEFFREY DEN BOEF  AR	NOTE → → (Complete line A, B and/or C)	(A) even date herewith (B) on					
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 ASSIGNEES 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 recordation of this document.  INVENTORS  INVENTORS	Al	ID the undersigned hereby authorize(s) and request(s) the United States C	AND the undersigned hereby authorize(s) and request(s) the United States Commissioner of Patents and Trademarks to issue said Letters Patent to the				
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.  INVENTORS  INVENTORS  INVENTORS  INVENTORS  ARIE JEFFREY DEN BOEF  ARIE JEFFREY DEN BOEF  WINESSES  INVENTORS  ARIE JEFFREY DEN BOEF  WINESSES  INVENTORS  INVENTORS  ARIE JEFFREY DEN BOEF  WINESSES  INVENTORS  INVENTORS  INVENTORS  ARIE JEFFREY DEN BOEF  INVENTORS  I							
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.    INVENTORS							
INVENTORS  JAN HAUSCHILD  Name: JAN HAUSCHILD  Name: ARIE JEFFREY DEN BOEF  Name: MARTINUS DENDRIKUS ANTONIUS LEENDERS  WITNESSES  JAN HAUSCHILD  JAN HAUSCH	Ar	f said ASSIGNEE; ID the undersigned hereby agree(s) to testify and execute any papers for A	undersigned agree(s) that the attorney of record in said application shall SSIGNEE, its successors, assigns and legal representatives, deemed				
Name: JAN HAUSCHILD  Name: ARIE JEFFRE DEN BOEF  Name: MARTINUS HENDRIKUS ANTONIUS LEENDERS  Warne: UWE MICKAN  Name: ROELAND NICOLAAS MARIA VANNEER  S)  Name: ROELAND NICOLAAS MARIA VANNEER  S)  Name: Na	essential by ASSIGNEE to	f said ASSIGNEE; ID the undersigned hereby agree(s) to testify and execute any papers for A ASSIGNEE'S full protection and title in and to the invention hereby transfer	undersigned agree(s) that the attorney of record in said application shall SSIGNEE, its successors, assigns and legal representatives, deemed red.				
Name: JAN HAUSCHILD  Name: ARIE JEFFRE DEN BOEF  Name: MARTINUS HENDRIKUS ANTONIUS LEENDERS  Warne: UWE MICKAN  Name: ROELAND NICOLAAS MARIA VANNEER  S)  Name: ROELAND NICOLAAS MARIA VANNEER  S)  Name: Na	essential by ASSIGNEE to NOTE $\rightarrow \rightarrow$	f said ASSIGNEE; ID the undersigned hereby agree(s) to testify and execute any papers for A ASSIGNEE'S full protection and title in and to the invention hereby transfer e undersigned hereby authorize(s) Pillsbury Winthrop LLP of the above add	undersigned agree(s) that the attorney of record in said application shall SSIGNEE, its successors, assigns and legal representatives, deemed red.				
Name: JAN HAUSCHILD  Name: ARIE JEFFREY DEN BOEF  Name: MARTINUS MENDRIKUS ANTONIUS LEENDERS  Name: UWE MICKAN  Name: IS Dec. 2006  Lia Verkui jlen  13 Dec. 2006	essential by ASSIGNEE to NOTE → → The recordation of this document	f said ASSIGNEE;  ID the undersigned hereby agree(s) to testify and execute any papers for A  ASSIGNEE'S full protection and title in and to the invention hereby transfer e undersigned hereby authorize(s) Pillsbury Winthrop LLP of the above add  at.	undersigned agree(s) that the attorney of record in said application shall SSIGNEE, its successors, assigns and legal representatives, deemed red. dress to insert hereon any further identification necessary or desirable for				
Name: ARIE JEFFREY DEN BOEF  Name: MARY INUS BENDRIKUS ANTONIUS LEENDERS  Warne: UWE MICKAN  Name: Name: ROELAND NICOLAAS MARIA VANNEER  S)  Name: ROELAND NICOLAAS MARIA VANNEER  S)  Name: Nam	essential by ASSIGNEE to NOTE → Trecordation of this document INVEN	f said ASSIGNEE;  ID the undersigned hereby agree(s) to testify and execute any papers for A  ASSIGNEE'S full protection and title in and to the invention hereby transfer e undersigned hereby authorize(s) Pillsbury Winthrop LLP of the above add  at.	undersigned agree(s) that the attorney of record in said application shall SSIGNEE, its successors, assigns and legal representatives, deemed red.  Irress to insert hereon any further identification necessary or desirable for DATE SIGNED  WITNESSES				
Name: ARIE JEFFREY DEN BOEF  3) Name: MARTINUS MENDRIKUS ANTONIUS LEENDERS  4) Name: UWE MICKAN  Name: ROELAND NICOLAAS MARIA VANNEER  3) Name: ROELAND NICOLAAS MARIA VANNEER  3) Name: N	essential by ASSIGNEE to NOTE → Trecordation of this document INVEN	f said ASSIGNEE;  ID the undersigned hereby agree(s) to testify and execute any papers for A  ASSIGNEE'S full protection and title in and to the invention hereby transfer e undersigned hereby authorize(s) Pillsbury Winthrop LLP of the above add  t.	undersigned agree(s) that the attorney of record in said application shall SSIGNEE, its successors, assigns and legal representatives, deemed red.  It is insert hereon any further identification necessary or desirable for SIGNED WITNESSES				
Name: MARTINUS BENDRIKUS ANTONIUS LEENDERS  WARTINUS BENDRIKUS ANTONIUS LEENDERS  Warne: UWE MICKAN  Name: ROELAND NICOLAAS MARIA VANNEER  13 Dec. 2006  Lia Verkut Jien  13 Dec. 2006  Lia Verkut Jien  13 Dec. 2006	essential by ASSIGNEE to NOTE → Trecordation of this document INVENT  1)  Name: JANTA	f said ASSIGNEE;  ID the undersigned hereby agree(s) to testify and execute any papers for A  ASSIGNEE'S full protection and title in and to the invention hereby transfer e undersigned hereby authorize(s) Pillsbury Winthrop LLP of the above add  t.	undersigned agree(s) that the attorney of record in said application shall SSIGNEE, its successors, assigns and legal representatives, deemed red.  It is insert hereon any further identification necessary or desirable for SIGNED WITNESSES				
Name: MARTINUS MENDRIKUS ANTONIUS LEENDERS  4)  Name: UWE MICKAN  Name: ROELAND NICOLAAS MARIA VANNEER  5)  13 Dec 2006  13 Dec 2006  14 Dec 2006  15 Dec 2006  16 Dec 2006  17 Dec 2006  18 Dec 2006	essential by ASSIGNEE to NOTE $\rightarrow \rightarrow$ The recordation of this document in the second sec	f said ASSIGNEE;  JD the undersigned hereby agree(s) to testify and execute any papers for A  ASSIGNEE'S full protection and title in and to the invention hereby transfer e undersigned hereby authorize(s) Pillsbury Winthrop LLP of the above add  TORS  AUSCHILD	undersigned agree(s) that the attorney of record in said application shall SSIGNEE, its successors, assigns and legal representatives, deemed red.  It is insert hereon any further identification necessary or desirable for SIGNED WITNESSES				
Name: UWE MICKAN  Name: ROELAND NICOLAAS MARIA VANNEER  13 Dec 2006  13 Dec 2006  13 Dec 2006  14 Dec 2006  15 Dec 2006  16 Dec 2006  17 Dec 2006	essential by ASSIGNEE to NOTE → The recordation of this document in the secondarian of the secondarian of the secondarian of this document in the secondarian of the	f said ASSIGNEE;  JD the undersigned hereby agree(s) to testify and execute any papers for A  ASSIGNEE'S full protection and title in and to the invention hereby transfer e undersigned hereby authorize(s) Pillsbury Winthrop LLP of the above add  TORS  AUSCHILD	undersigned agree(s) that the attorney of record in said application shall SSIGNEE, its successors, assigns and legal representatives, deemed red.  It is successors, assigns and legal representatives, deemed red.  It is successors, assigns and legal representatives, deemed red.  It is successors, assigns and legal representatives, deemed red.  It is successors, assigns and legal representatives, deemed red.  It is successors, assigns and legal representatives, deemed red.  It is successors, assigns and legal representatives, deemed red.  It is successors, assigns and legal representatives, deemed red.  It is successors, assigns and legal representatives, deemed red.  It is successors, assigns and legal representatives, deemed red.  It is successors, assigns and legal representatives, deemed red.  It is successors, assigns and legal representatives, deemed red.  It is successors, assigns and legal representatives, deemed red.  It is successors, assigns and legal representatives, deemed red.  It is successors, assigns and legal representatives, deemed red.  It is successors, assigns and legal representatives, deemed red.  It is successors, assigns and legal representatives, deemed red.  It is successors, assigns and legal representatives, deemed red.  It is successors, assigns and legal representatives, deemed red.  It is successors, assigns and legal representatives, deemed red.				
Name: UWE MICKAN  To a large the state of th	essential by ASSIGNEE to NOTE → The recordation of this document in the secondary in the s	said ASSIGNEE;  ID the undersigned hereby agree(s) to testify and execute any papers for A  ASSIGNEE'S full protection and title in and to the invention hereby transfer e undersigned hereby authorize(s) Pillsbury Winthrop LLP of the above add  TORS  AUSCHILD  EFFREY DEN BOEF	undersigned agree(s) that the attorney of record in said application shall SSIGNEE, its successors, assigns and legal representatives, deemed red.  It is successors, assigns and legal representatives, deemed red.  It is successors, assigns and legal representatives, deemed red.  It is successors, assigns and legal representatives, deemed red.  It is successors, assigns and legal representatives, deemed red.  It is successors, assigns and legal representatives, deemed red.  It is successors, assigns and legal representatives, deemed red.  It is successors, assigns and legal representatives, deemed red.  It is successors, assigns and legal representatives, deemed red.  It is successors, assigns and legal representatives, deemed red.  It is successors, assigns and legal representatives, deemed red.  It is successors, assigns and legal representatives, deemed red.  It is successors, assigns and legal representatives, deemed red.  It is successors, assigns and legal representatives, deemed red.  It is successors, assigns and legal representatives, deemed red.  It is successors, assigns and legal representatives, deemed red.  It is successors, assigns and legal representatives, deemed red.  It is successors, assigns and legal representatives, deemed red.  It is successors, assigns and legal representatives, deemed red.  It is successors, assigns and legal representatives, deemed red.				
Name: ROELAND NICOLAAS MARIA VANNEER  13 Dec 2006  13 Dec 2006  13 Dec 2006	essential by ASSIGNEE to NOTE $\rightarrow \rightarrow$ The recordation of this document in the second sec	said ASSIGNEE;  ID the undersigned hereby agree(s) to testify and execute any papers for A  ASSIGNEE'S full protection and title in and to the invention hereby transfer e undersigned hereby authorize(s) Pillsbury Winthrop LLP of the above add  TORS  AUSCHILD  EFFREY DEN BOEF  NUS JENDBIKUS ANTONIUS LEENDERS	undersigned agree(s) that the attorney of record in said application shall SSIGNEE, its successors, assigns and legal representatives, deemed red.  It is successors, assigns and legal representatives, deemed red.  It is successors, assigns and legal representatives, deemed red.  It is successors, assigns and legal representatives, deemed red.  It is successors, assigns and legal representatives, deemed red.  It is successors, assigns and legal representatives, deemed red.  It is successors, assigns and legal representatives, deemed red.  It is successors, assigns and legal representatives, deemed red.  It is successors, assigns and legal representatives, deemed red.  It is successors, assigns and legal representatives, deemed red.  It is successors, assigns and legal representatives, deemed red.  It is successors, assigns and legal representatives, deemed red.  It is successors, assigns and legal representatives, deemed red.  It is successors, assigns and legal representatives, deemed red.  It is successors, assigns and legal representatives, deemed red.  It is successors, assigns and legal representatives, deemed red.  It is successors, assigns and legal representatives, deemed red.  It is successors, assigns and legal representatives, deemed red.  It is successors, assigns and legal representatives, deemed red.  It is successors, assigns and legal representatives, deemed red.				
Name: ROELAND NICOLAAS MARIA VANNEER  13 Dec 2006 - Hardings	essential by ASSIGNEE to NOTE $\rightarrow$ Trecordation of this document in the secondary in the sec	said ASSIGNEE;  ID the undersigned hereby agree(s) to testify and execute any papers for A ASSIGNEE'S full protection and title in and to the invention hereby transfer be undersigned hereby authorize(s) Pillsbury Winthrop LLP of the above add  TORS  AUSCHILD  EFFREND DEN BOEF  NUS JENDRIKUS ANTONIUS LEENDERS	SSIGNEE, its successors, assigns and legal representatives, deemed red.  Iteres to insert hereon any further identification necessary or desirable for SIGNED  A Dec. 2006  WITNESSES  La Verkuijlen				
13 Dec 2006 - 14 4 1/4/18	essential by ASSIGNEE to NOTE >> The recordation of this document in the secondary of the s	said ASSIGNEE;  ID the undersigned hereby agree(s) to testify and execute any papers for A ASSIGNEE'S full protection and title in and to the invention hereby transfer e undersigned hereby authorize(s) Pillsbury Winthrop LLP of the above add to  TORS  AUSCHILD  EFFREY DEN BOEF  NUS JENDBIKUS ANTONIUS LEENDERS  ICKAN	SSIGNEE, its successors, assigns and legal representatives, deemed red.  Iteres to insert hereon any further identification necessary or desirable for SIGNED  A Dec. 2006  WITNESSES  La Verkuijlen				
Name: Jacobus BURGHOORN Diff Vot Ky 17 1em	essential by ASSIGNEE to NOTE >> The recordation of this document in the second in the	said ASSIGNEE;  ID the undersigned hereby agree(s) to testify and execute any papers for A ASSIGNEE'S full protection and title in and to the invention hereby transfer be undersigned hereby authorize(s) Pillsbury Winthrop LLP of the above add to  TORS  AUSCHILD  EFFREY DEN BOEF  NUS JENDBIKUS ANTONIUS LEENDERS  LICKAN	undersigned agree(s) that the attorney of record in said application shall SSIGNEE, its successors, assigns and legal representatives, deemed red.  It is successors, assigns and legal representatives, deemed red.  It is successors, assigns and legal representatives, deemed red.  It is successors, assigns and legal representatives, deemed red.  It is successors, assigns and legal representatives, deemed red.  It is successors, assigns and legal representatives, deemed red.  It is successors, assigns and legal representatives, deemed red.  It is successors, assigns and legal representatives, deemed red.  It is successors, assigns and legal representatives, deemed red.  It is successors, assigns and legal representatives, deemed red.  It is successors, assigns and legal representatives, deemed red.  It is successors, assigns and legal representatives, deemed red.  It is successors, assigns and legal representatives, deemed red.  It is successors, assigns and legal representatives, deemed red.  It is successors, assigns and legal representatives, deemed red.  It is successors, assigns and legal representatives, deemed red.  It is successors, assigns and legal representatives, deemed red.  It is successors, assigns and legal representatives, deemed red.  It is successors, assigns and legal representatives, deemed red.  It is successors, assigns and legal representatives, deemed red.  It is successors, assigns and legal representatives, deemed red.  It is successors, assigns and legal representatives, deemed red.  It is successors, assigns and legal representatives, deemed red.				
	essential by ASSIGNEE to NOTE >> The recordation of this document in the secondary in the s	said ASSIGNEE;  ID the undersigned hereby agree(s) to testify and execute any papers for A ASSIGNEE'S full protection and title in and to the invention hereby transfer be undersigned hereby authorize(s) Pillsbury Winthrop LLP of the above add to  TORS  AUSCHILD  EFFREY DEN BOEF  NUS JENDBIKUS ANTONIUS LEENDERS  LICKAN	undersigned agree(s) that the attorney of record in said application shall SSIGNEE, its successors, assigns and legal representatives, deemed red.  It is successors, assigns and legal representatives, deemed red.  It is successors, assigns and legal representatives, deemed red.  It is successors, assigns and legal representatives, deemed red.  It is successors, assigns and legal representatives, deemed red.  It is successors, assigns and legal representatives, deemed red.  It is successors, assigns and legal representatives, deemed red.  It is successors, assigns and legal representatives, deemed red.  It is successors, assigns and legal representatives, deemed red.  It is successors, assigns and legal representatives, deemed red.  It is successors, assigns and legal representatives, deemed red.  It is successors, assigns and legal representatives, deemed red.  It is successors, assigns and legal representatives, deemed red.  It is successors, assigns and legal representatives, deemed red.  It is successors, assigns and legal representatives, deemed red.  It is successors, assigns and legal representatives, deemed red.  It is successors, assigns and legal representatives, deemed red.  It is successors, assigns and legal representatives, deemed red.  It is successors, assigns and legal representatives, deemed red.  It is successors, assigns and legal representatives, deemed red.  It is successors, assigns and legal representatives, deemed red.  It is successors, assigns and legal representatives, deemed red.  It is successors, assigns and legal representatives, deemed red.				
	essential by ASSIGNEE to NOTE >> The recordation of this document in the second in the	said ASSIGNEE;  ID the undersigned hereby agree(s) to testify and execute any papers for AASSIGNEE'S full protection and title in and to the invention hereby transfer e undersigned hereby authorize(s) Pillsbury Winthrop LLP of the above add at the invention hereby transfer e undersigned hereby authorize(s) Pillsbury Winthrop LLP of the above add at the invention hereby transfer e undersigned hereby authorize(s) Pillsbury Winthrop LLP of the above add at the invention hereby transfer e undersigned hereby authorize(s) Pillsbury Winthrop LLP of the above add at the invention hereby transfer e undersigned hereby authorize(s) Pillsbury Winthrop LLP of the above add at the invention hereby transfer e undersigned hereby authorize(s) Pillsbury Winthrop LLP of the above add at the invention hereby transfer e undersigned hereby authorize(s) Pillsbury Winthrop LLP of the above add at the invention hereby authorize(s) Pillsbury Winthrop LLP of the above add at the invention hereby authorize(s) Pillsbury Winthrop LLP of the above add at the invention hereby authorize(s) Pillsbury Winthrop LLP of the above add at the invention hereby authorize(s) Pillsbury Winthrop LLP of the above add at the invention hereby authorize(s) Pillsbury Winthrop LLP of the above add at the invention hereby authorize(s) Pillsbury Winthrop LLP of the above add at the invention hereby authorize(s) Pillsbury Winthrop LLP of the above add at the invention hereby authorize(s) Pillsbury Winthrop LLP of the above add at the invention hereby authorize(s) Pillsbury Winthrop LLP of the above add at the invention hereby authorize(s) Pillsbury Winthrop LLP of the above add at the invention hereby authorize(s) Pillsbury Winthrop LLP of the above add at the invention hereby authorize(s) Pillsbury Winthrop LLP of the above add at the invention hereby authorize(s) Pillsbury Winthrop LLP of the above add at the invention hereby authorize(s) Pillsbury Winthrop LLP of the above add at the invention hereby authorize(s) Pillsbury Winthrop LLP of the above add at the i	undersigned agree(s) that the attorney of record in said application shall SSIGNEE, its successors, assigns and legal representatives, deemed red.  It is successors, assigns and legal representatives, deemed red.  It is successors, assigns and legal representatives, deemed red.  It is successors, assigns and legal representatives, deemed red.  It is successors, assigns and legal representatives, deemed red.  It is successors, assigns and legal representatives, deemed red.  It is successors, assigns and legal representatives, deemed red.  It is successors, assigns and legal representatives, deemed red.  It is successors, assigns and legal representatives, deemed red.  It is successors, assigns and legal representatives, deemed red.  It is successors, assigns and legal representatives, deemed red.  It is successors, assigns and legal representatives, deemed red.  It is successors, assigns and legal representatives, deemed red.  It is successors, assigns and legal representatives, deemed red.  It is successors, assigns and legal representatives, deemed red.  It is successors, assigns and legal representatives, deemed red.  It is successors, assigns and legal representatives, deemed red.  It is successors, assigns and legal representatives, deemed red.  It is successors, assigns and legal representatives, deemed red.  It is successors, assigns and legal representatives, deemed red.  It is successors, assigns and legal representatives, deemed red.  It is successors, assigns and legal representatives, deemed red.  It is successors, assigns and legal representatives, deemed red.				

US\_SE\_400490416\_1

PAT-114 1/00

PATENT REEL: 019021 FRAME: 0203 Please return signed/recorded to:

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

USA Patent Appln. Sole or Joint

For Inventions made outside USA				
executed with or after application				
Atty. Dkt. P 314223 P-2133.000-US				
M# Client Ref.				

NONPROVISIONAL

## **ASSIGNMENT** OF NONPROVISIONAL APPLICATION

**NONPROVISIONAL** 

		ration of the sum of Ten Dollars (\$10.00) and other goo	od a	nd valuable conside	ration paid to each of the
undersigned, to	o wit:				
INSERT	(1)	JAN HAUSCHILD	(2	ARIE JEFFREY D	EN BOEF
NAME(S) OF	(3)	MARTINUS HENDRIKUS ANTONIUS LEENDERS	(4	UWE MICKAN	
INVENTOR(S)	(5)	ROELAND NICOLAAS MARIA VANNEER	(6	JACOBUS BURG	HOORN
	(7)		TE	x box if continue	d on page 2
the receipt and and transfer(s)		ciency of which are hereby acknowledged by the unde	ersigi	ned who at the requ	uest 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	S)	The Netherlands			
		SIGNEE") the entire right, title and interest for the United States of Americ uations, substitutes, and reissues thereof; and all resulting patents, known		efined in 35 U.S.C. 100, in	the invention and all applications including
TITLE OF INVENTION	I AN EXPOSURE APPARATUS. A TILTING DEVICE, METROD POR PERFORMING A TILTED FOLGS				
<u>NOTE</u> → →		for which the undersigned executed an application for	r Le	tters Patents of the	United States of America:
(Complete		(B) on			
line A, B and/or	•	(C) ⊠ in U.S. Appln. No. 11/020,557			mber 27, 2004
said ASSIGNEE, for i hereinafter act on be	its inter ehalf of	D the undersigned hereby authorize(s) and request(s) the United States ( est as ASSIGNEE, its successors, assigns and legals representatives; the said ASSIGNEE; D the undersigned hereby agree(s) to testify and execute any papers for A	unde	rsigned agree(s) that the a	torney of record in said application shall
essential by ASSIGN NOTE → → recordation of this do	NEE to A	ASSIGNEE'S full protection and title in and to the invention hereby transfer and endersigned hereby authorize(s) Pillsbury Winthrop LLP of the above add	red.	-	- •
(N)	VENT	ORS		DATE SIGNED	WITNESSES
1)	<u> </u>	<del>ono</del>		DATE GIGHED	1
	N HA	USCHILD	-		
2)		3-1 "	7	Dec. 8,7006	Letter to
Name: AR	RIE JE	FFREY DEN BOEF	. 4	<u> </u>	Lja Verkuijlen
3)				•	GG
	ARTIN	IUS HENDRIKUS ANTONIUS LEENDERS	· <del>-</del>		
	VE M	CKAN	-		
	DELA	ND NICOLAAS MARIA <b>VANNEER</b>	-		

US\_SE\_400490416\_1

Jacobus BURGHOORN

**RECORDED: 03/09/2007** 

6)

Name:

PAT-114 1/00

**PATENT** 

**REEL: 019021 FRAME: 0204**