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

03-06-2007

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



103378863

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)**

- 1) ARNOUD CORNELIS WASSINK
- 2) VADIM YEVGENYEVICH BANINE
- 3) VLADIMIR VITALEVITCH IVANOV

Additional name(s) of conveying party(ies) attached? ☒ Yes ☐ No

**3. Nature of conveyance/Execution Date(s):**

Execution Date(s) See 1 in Addendum

- ☒ 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: \_\_\_\_\_

Street Address: De Run 6501, NL-5504 DR

City: Veldhoven

State: \_\_\_\_\_

Country: The Netherlands Zip: \_\_\_\_\_

Additional name(s) & address(es) attached? ☐ Yes ☒ No

**4. Application or patent number(s):**

☐ This document is being filed together with a new application.

A. Patent Application No.(s)

11/637,936

B. Patent No.(s)

Additional numbers attached? ☐ Yes ☒ No

**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: emily.bell@pillsburylaw.com

**6. Total number of applications and patents involved:** 1

**7. Total fee (37 CFR 1.21(h) & 3.41) \$ 40.00**

- ☐ Authorized to be charged by credit card  
☒ Authorized to be charged to deposit account  
☐ Enclosed  
☐ None required (government interest not affecting title)

**8. Payment Information**

081468-0359008

a. Credit Card Last 4 Numbers \_\_\_\_\_  
Expiration Date \_\_\_\_\_

b. Deposit Account Number 033975

Authorized User Name \_\_\_\_\_

**9. Signature:**

Signature

February 28, 2007

Date

Emily T. Bell, Reg. No. 47418

Name of Person Signing

Total number of pages including cover sheet, attachments, and documents: 9

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

**ATTACHMENT FOR RECORDATION FORM COVER SHEET  
PATENTS ONLY (Form PTO-1595)**

**1. Name of conveying party(ies):**

See 2 in Addendum

_____	_____
_____	_____
_____	_____

Additional name(s) of conveying party(ies) attached?

☒ Yes ☐ No

**2. Name and address of receiving party(ies)**

Name: \_\_\_\_\_

Internal Address: \_\_\_\_\_

Street Address: \_\_\_\_\_

City: \_\_\_\_\_ State: \_\_\_\_\_ ZIP: \_\_\_\_\_

Name and address of receiving party(ies)

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Internal Address: \_\_\_\_\_

Street Address: \_\_\_\_\_

City: \_\_\_\_\_ State: \_\_\_\_\_ ZIP: \_\_\_\_\_

Additional name(s) & address(es) attached?

☐ Yes ☒ No

**4. Application number(s) or patent number(s):**

If this document is being filed together with a new application, the execution date of the application is: \_\_\_\_\_

**A. Patent Application No.(s)**

**B. Patent No.(s)**

_____
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Additional numbers attached?

☐ Yes ☒ No

**Attachment to Form PTO - 1595**  
**Recordation Form Cover Sheet**

1. 1) January 23, 2007; 2) January 23, 2007; 3) January 10, 2007; 4) January 10, 2007; 5) January 10, 2007; 6) January 10, 2007; 7) January 11, 2007; 8) January 11, 2007; 9) January 23, 2007; 10) January 12, 2007
2. 4) KONSTANTIN NIKOLAEVITCH KOSHELEV  
5) THEODORUS PETRUS MARIA CADEE  
6) VLADIMIR MIHAILOVITCH KRIVTSUN  
7) DERK JAN WILFRED KLUNDER  
8) MAARTEN MARINUS JOHANNES WILHELMUS VAN HERPEN  
9) PAUL PETER ANNA ANTONIUS BROM  
10) WOUTER ANTHON SOER

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 359008 M# P-2675.000-US  
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  
NAME(S) OF  
INVENTOR(S)

(1) Arnoud, Cornelis WASSINK  
(3) Vladimir, Vitalevitch IVANOV  
(5) Theodorus, Petrus, Maria CADEE

(2) Vadim, Yevgenyevich, BANINE  
(4) Konstantin, Nikolaevitch KOSHELEV  
☒ 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  
NAME(S) OF  
ASSIGNEE(S)  
& ADDRESS(ES)

ASML NETHERLANDS B.V.  
De Run 6501  
NL-5504 DR Veldhoven  
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  
INVENTION

RADIATION SYSTEM AND LITHOGRAPHIC APPARATUS

for which the undersigned executed an application for Letters Patents of the United States of America:

NOTE → →

(Complete

line A, B and/or C)

(A) ☐ even date herewith

(B) ☐ on

(C) ☒ in U.S. Appln. No. 11/637,936

filed 13 December 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 legal 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.

INVENTORS

1):  
Name: Arnoud, Cornelis WASSINK  
2):  
Name: Vadim, Yevgenyevich, BANINE  
3):  
Name: Vladimir, Vitalevitch IVANOV  
4):  
Name: Konstantin, Nikolaevitch KOSHELEV  
5):  
Name: Theodorus, Petrus, Maria CADEE

DATE SIGNED

23 Jan. 2007

23 Jan 2007

10-1-2007

WITNESSES

Lia Verkuijden

Lia Verkuijden

Lia Verkuijden



(Continued from page 1)

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NAME(S) OF  
INVENTOR(S)**

(6) Vladimir, Mihailovitch KRIVTSUN	(7) Derk, Jan, Wilfred KLUNDER
(8) Maarten, Marinus, Johannes, Wilhelmus VAN HERPEN	(9) Paul, Peter, Anna, Antonius BROM
(10) Wouter, Anthon SOER	(11)
(12)	(13)
(14)	(15)

## INVENTORS

Vladimir, Mihailovitch KRIVTSUN

DATE SIGNED

10.01.2007

**WITNESSES**

**Derk, Jan, Wilfred KLUNDER**

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**Paul, Peter, Anna, Antonius BROM**

**Wouter, Anthon SOER**

**ASSIGNMENT**  
(Continued from page 1)

**LISTING OF ADDITIONAL INVENTORS**

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(6) Vladimir, Mihailovitch KRIVTSUN	(7) Derk, Jan, Wilfred KLUNDER
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(10) Wouter, Anthon SOER	(11)
(12)	(13)
(14)	(15)

**SIGNATURES OF ADDITIONAL INVENTORS/WITNESSES/DATES SIGNED**

**INVENTORS**

**DATE SIGNED**

**WITNESSES**

6):

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11<sup>th</sup> Jan 2007

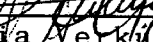
1-1-2007

### LISTING OF ADDITIONAL INVENTORS

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(10) Wouter, Anthon SOER	(11)
(12)	(13)
(14)	(15)

**WITNESSES**

23 Jan 2007

  
Lia Verkuijlen



**ASSIGNMENT**  
(Continued from page 1)

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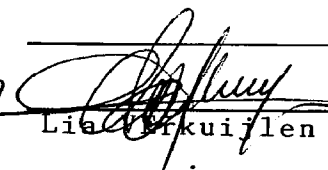
**SIGNATURES OF ADDITIONAL INVENTORS/WITNESSES/DATES SIGNED**

**INVENTORS**

**DATE SIGNED**

**WITNESSES**

6):  
Name: Vladimir, Mihailovitch KRIVTSUN  
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01/12/2007  
  
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