

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
Stylesheet Version v1.2

EPAS ID: PAT3639909

| | |
|---|--------------------------------------|
| SUBMISSION TYPE: | NEW ASSIGNMENT |
| NATURE OF CONVEYANCE: | ASSIGNMENT |
| CONVEYING PARTY DATA | |
| Name | Execution Date |
| ALEKSEY KOLESNYCHENKO | 07/19/2004 |
| JOHANNES JACOBUS MATHEUS BASELMANS | 08/23/2004 |
| SJOERD NICOLAAS LAMBERTUS DONDEERS | 08/23/2004 |
| CHRISTIAAN ALEXANDER HOOGENDAM | 08/23/2004 |
| HANS JANSEN | 08/23/2004 |
| JEROEN JOHANNES SOPHIA MARIA MERTENS | 08/23/2004 |
| JOHANNES CATHARINUS HUBERTUS MULKENS | 08/23/2004 |
| FELIX GODFRIED PETER PEETERS | 08/16/2004 |
| BOB STREEFKERK | 08/23/2004 |
| FRANCISCUS JOHANNES HERMAN MARIA TEUNISSEN | 08/23/2004 |
| HELMAR VAN SANTEN | 08/23/2004 |
| RECEIVING PARTY DATA | |
| Name: | ASML Netherlands B.V. |
| Street Address: | De Run 6501 |
| City: | Veldhoven |
| State/Country: | NETHERLANDS |
| Postal Code: | NL-5504 DR |
| PROPERTY NUMBERS Total: 1 | |
| Property Type | Number |
| Application Number: | 14956075 |
| CORRESPONDENCE DATA | |
| Fax Number: | (703)770-7901 |
| <i>Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent using a fax number, if provided; if that is unsuccessful, it will be sent via US Mail.</i> | |
| Email: | diane.smyth@pillsburylaw.com |
| Correspondent Name: | PILLSBURY WINTHROP SHAW PITTMAN, LLP |
| Address Line 1: | P.O. BOX 10500 |
| Address Line 4: | MCLEAN, VIRGINIA 22102 |
| ATTORNEY DOCKET NUMBER: | 081468-0444217 |

| | |
|---|------------------------|
| NAME OF SUBMITTER: | JEAN-PAUL G. HOFFMAN |
| SIGNATURE: | /Jean-Paul G. Hoffman/ |
| DATE SIGNED: | 12/02/2015 |
| Total Attachments: 5 source=0444217#page1.tif source=0444217#page2.tif source=0444217#page3.tif source=0444217#page4.tif source=0444217#page5.tif | |

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) KOLESNYCHENKO, Aleksey (3) DONDEERS, Sjoerd Nicolaas Lambertus (5) JANSEN, Hans | (2) BASELMANS, Johannes Jacobus Matheus (4) HOOGENDAM, Christiaan Alexander <input checked="" type="checkbox"/> 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

LITHOGRAPHIC APPARATUS AND DEVICE MANUFACTURING METHOD

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


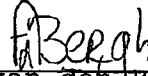
(C) ☒ in U.S. Appln. No. 10/823,777

filed APRIL 14, 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 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 | DATE SIGNED | WITNESSES |
|-------|---|-------------|---|
| 1): |  | 19-07-2004 |  |
| Name: | KOLESNYCHENKO, Aleksey | | Annemiek van den Bergh |
| 2) | | | |
| Name: | BASELMANS, Johannes Jacobus Matheus | | |
| 3) | | | |
| Name: | DONDEERS, Sjoerd Nicolaas Lambertus | | |
| 4) | | | |
| Name: | HOOGENDAM, Christiaan Alexander | | |
| 5) | | | |
| Name: | JANSEN, Hans | | |

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| | (5) JANSEN, Hans | <input checked="" type="checkbox"/> x box if continued on page 2 |
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ASSIGNEE(S) NL-5504 DR VELDHOVEN
& 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 reissues thereof; and all resulting patents, known as

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INVENTION

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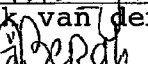

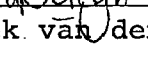

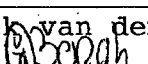

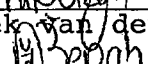

| | | | |
|-------|-------------------------------------|-----------------|------------------------|
| 1): | | | |
| Name: | KOLESNYCHENKO, Aleksey | August 23, 2004 | Annemiek van den Bergh |
| 2): | BASELMANS, Johannes Jacobus Matheus | August 23, 2004 | Annemiek van den Bergh |
| Name: | DONDEERS, Sjoerd Nicolaas Lambertus | August 23, 2004 | Annemiek van den Bergh |
| 3): | HOOGENDAM, Christiaan Alexander | August 23, 2004 | Annemiek van den Bergh |
| Name: | JANSEN, Hans | August 23, 2004 | Annemiek van den Bergh |
| 4): | | | |
| Name: | | | |
| 5): | | | |
| Name: | | | |

LISTING OF ADDITIONAL INVENTORS

INSERT
NAME(S) OF
INVENTOR(S)

| | |
|--|---|
| (6) MERTENS, Jeroen Johannes Sophia Maria | (7) MULKENS, Johannes Catharinus Hubertus |
| (8) PEETERS, Felix Godfried Peter | (9) STREEFKERK, Bob |
| (10) TEUNISSEN, Franciscus Johannes Herman Maria | (11) VAN SANTEN, Helmar |
| (12) | (13) |
| (14) | (15) |

SIGNATURES OF ADDITIONAL INVENTORS/WITNESSES/DATES SIGNED

| | <u>INVENTORS</u> | <u>DATE SIGNED</u> | <u>WITNESSES</u> |
|-------|---|--------------------|---|
| 6): |  | August 23, 2004 |  |
| Name: | MERTENS, Jeroen Johannes Sophia Maria | | Annemiek van den Bergh |
| 7) |  | August 23, 2004 |  |
| Name: | MULKENS, Johannes Catharinus Hubertus | | Annemiek van den Bergh |
| 8) |  | August 23, 2004 |  |
| Name: | PEETERS, Felix Godfried Peter | | Annemiek van den Bergh |
| 9) |  | August 23, 2004 |  |
| Name: | STREEFKERK, Bob | | Annemiek van den Bergh |
| 10) |  | August 23, 2004 |  |
| Name: | TEUNISSEN, Franciscus Johannes Herman Maria | | Annemiek van den Bergh |
| 11) |  | | |
| Name: | VAN SANTEN, Helmar | | |
| 12) | | | |
| Name: | | | |
| 13) | | | |
| Name: | | | |
| 14) | | | |
| Name: | | | |
| 15) | | | |
| Name: | | | |

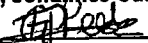
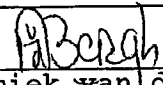
ASSIGNMENT
(Continued from page 1)

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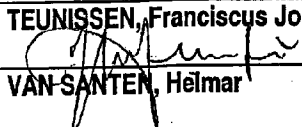

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|-------|---|---------------------------|---|
| 6): | | | |
| Name: | MERTENS, Jeroen Johannes Sophia Maria | | |
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| 8) |  | 16-08-2004 |  |
| Name: | PEETERS, Felix Godfried Peter | | Annemiek van den Bergh |
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