



Form PTO-1595 (Rev. 09/04)  
OMB No. 0651-0027 (exp. 6/30/2005)

02-24-2006

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103184489

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**1. Name of conveying party(ies)/Execution Date(s):**

STEVEN GEORGE HANSEN

Execution Date(s) January 13, 2006

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

**3. Nature of conveyance:**

- ☒ Assignment ☐ Merger  
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☐ 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

City: Veldhoven

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

Country: The Netherlands Zip: NL-5504 DR

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)

11/280,985

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: christophe.lair@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**

081468-0316750

a. Credit Card Last 4 Numbers \_\_\_\_\_  
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b. Deposit Account Number 033975

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**9. Signature:**

Signature

February 21, 2006

Date

Christophe E. Lair, Reg. No. 54248  
Name of Person Signing

Total number of pages including cover sheet, attachments, and documents: 2

Documents to be recorded (including cover sheet) should be faxed to (703) 306-5995, or mailed to:  
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PATENT  
REEL: 017581 FRAME: 0129

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USA Patent Appln.  
Sole or Joint

For Inventions made outside USA  
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Atty. Dkt. P 316750 M# P-1503.030-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	(1) Steven George HANSEN	
NAME(S) OF		
INVENTOR(S)		
		<input 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	ASML NETHERLANDS B.V.
NAME(S) OF	De Run 6501
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

**TITLE OF  
INVENTION**

**LITHOGRAPHIC APPARATUS AND METHOD FOR OPTIMIZING ILLUMINATION USING A  
PHOTOLITHOGRAPHIC SIMULATION**

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. 11/280,985

filed November 17, 2005

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 Shaw Pittman LLP of the above address to insert hereon any further identification necessary or desirable for recordation of this document.

**INVENTORS**

**DATE SIGNED**

**WITNESSES**

1):

\* Steven George Hansen

1/13/06

Jennifer Norberg

Name: Steven George HANSEN

Attorney Ref.: 081468/0316750  
Client Ref.: P-1503.030-US