



11-30-2006



103342475 PATENTS ONLY

FORM PTO-1595 (Rev. 08/05)

REI

U.S. DEPARTMENT OF COMMERCE Patent and Trademark Office

Docket No.: 055071-0571

To the Director of the U. S. Patent and Trademark Office: Please record the attached documents or the new address(es) below.

11-27-06

1. Name of Conveying Party(ies)

Jang Fung CHEN, Duan-Fu Stephen HSU, Douglas VAN DEN BROEKE, Jung Chul PARK, Thomas LAIDIG

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

3. Nature of Conveyance/Execution Date(s)

Execution Date(s): October 27, 2006, October 27, 2006, October 27, 2006, October 26, 2006 (respectively)

- Assignment, Security Agreement, Joint Research Agreement, Government Interest Assignment, Executive Order 9424, Confirmatory License, Merger, Change of Name, Other

2. Name and address of receiving party(ies)

Name: ASML MASKTOOLS B.V. Address: P.O. Box 324 5500 AH Veldhoven The Netherlands

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

4. Application or patent number(s):

A. Patent Application No(s): 11/501,916 filed on August 10, 2006

This document is being filed together with a new application B. Patent No(s).

Additional numbers attached? Yes No

5. Name and address to whom correspondence concerning document should be mailed:

Name: MCDERMOTT WILL & EMERY LLP Internal Address: Street Address: 600 13th Street, N.W. City: Washington State: D. C. Zip: 20005-3096 Phone Number: 202.756.8000 Fax Number: 202.756.8087 Email Address:

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)nt

8. Payment Information:

a. Credit Card Last 4 Numbers Expiration Date b. Deposit Account Number 500417 Authorized User Name

11501916 00000005 500417 11/29/2006 01 FC=8021

9. Signature.

Michael E. Fogarty, Registration No. 36,139

Name and Registration No. of Person Signing

Signature (handwritten)

November 27, 2006

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

OMB No. 0651-0027 (exp. 6/30/2008)

ASSIGNMENT

WHEREAS, Jang Fung CHEN, Duan-Fu Stephen HSU, Douglas VAN DEN BROEKE, Jung Chul PARK and Thomas LAIDIG hereinafter called the "Assignors," have jointly invented a new and useful invention entitled CPL MASK AND A METHOD AND PROGRAM PRODUCT FOR GENERATING THE SAME, for which they have:

- (a) filed an application for United States Letters Patent on August 10, 2006 as (Serial No. 11/501,916); or
- (b) executed an application for United States Letters Patent on _____; and

WHEREAS, ASML MASKTOOLS B.V., a corporation organized and existing under the laws of the The Netherlands, having a place of business at P.O. Box 324, 5500 AH Veldhoven, The Netherlands, hereinafter called the "Assignee," is desirous of acquiring the entire right, title and interest in and to said invention, the application above identified, and in, to and under any Letters Patent which may be obtained to said invention, as hereinafter more fully set forth;

NOW, THEREFORE, TO ALL WHOM IT MAY CONCERN, be it known that for and in consideration of the sum of One Dollar (\$1.00), and other valuable and legally sufficient considerations, the receipt of which by said Assignors from the said Assignee is hereby acknowledged, the said Assignors have sold, assigned and transferred, and by these presents do sell, assign and transfer unto the said Assignee, the entire, right, title and interest for the United States in and to the invention and application hereinabove identified, and any Letters Patent of the United States that may issue for said invention, together with the entire right, title and interest in and to said invention and applications for Letters Patent and Letters Patent therefor, in all countries foreign to the United States, including the full right to claim for any such application all benefits and priority rights under any applicable convention; to have and to hold for the sole and exclusive use and benefit of the said Assignee, its successors and assigns, to the full end of the term or terms for which any and all of said Letters Patent for said inventions may issue.

And the said Assignors do hereby covenant and agree, for themselves and their legal representatives, that they will assist the said Assignee in the prosecution of the application herein identified; in the making and prosecution of any other applications for Letters Patent that the said Assignee may elect to make covering the invention herein identified, as hereinabove set forth; in vesting in the said Assignee like exclusive title in and to all such other applications and Letters Patent; and in the prosecution of any interference which may arise involving said invention, or any application or Letters Patent herein contemplated; and that they will execute and deliver to the said Assignee any and all additional papers which may be requested by the said Assignee to fully carry out the terms of this Assignment.

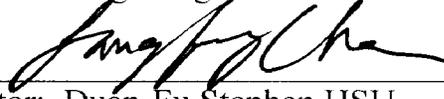
And the Commissioner of Patents and Trademarks is hereby authorized and requested to issue Letters Patent to the said Assignee in accordance with the terms of this Assignment.

IN TESTIMONY WHEREOF, the said Assignors have hereunto set their hand.

Date

10-27-2006

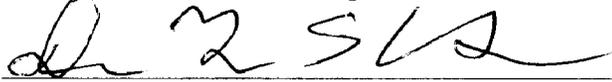
Inventor: Jang Fung CHEN



Date

10-27-2006

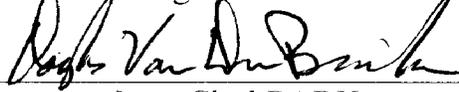
Inventor: Duán-Fu Stephen HSU



Date

27-Oct-06

Inventor: Douglas VAN DEN BROEKE



Date

27-Oct-06

Inventor: Jung Chul PARK



Date

Oct 26, 2006

Inventor: Thomas LAIDIG

