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OMB No. 0651-0027 (exp. 6/30/2008)U.S. DEPARTMENT OF COMMERCE  
United States Patent and Trademark Office

## RECORDATION FORM COVER SHEET - PATENT

103215194

Attny. Docket No.: 20051843-US-NP

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 parties

William Wong  
Scott Limb  
Beverly Russo  
Michael Chabiny  
Rene Lujan

Additional names of parties attached? No

## 2. Name and address of receiving party

Name: Palo Alto Research Center Incorporated  
Address: 3333 Coyote Hill Road  
City: Palo Alto  
State: CA  
Country: USA Zip: 94304

Additional names and addresses attached? No

13268 U.S. PTO  
11/394438

033106

## 3. Nature of conveyance/Execution Dates:

Execution Date: March 31, 2006

☒ Assignment☐ Security Agreement☐ Joint Research Agreement☐ Government Interest Assignment☐ Executive Order 9424, Confirmatory License☐ Merger☐ Name Change☐ Other4. ☒ This document is being filed together with a new application.☐ This document relates to:

A. Patent Application No.(s)

B. Patent No.(s)

Additional numbers attached? No

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

Name: Jonathan A. Small  
Address: 343 Second St., Suite F  
City: Los Altos  
State: CA  
Zip: 94022  
Phone No.: 650-941-4470  
Fax No.: 650-941-4405  
Email: admin@jasipc.com

## 6. Number of applications and patents involved: 1

## 7. Total fee (37 CFR 1.21(h) &amp; 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

a. ☐ Credit Card

Last 4 numbers \_\_\_\_\_

Expiration Date \_\_\_\_\_

b. ☒ Deposit Account Number: 24-0037

Authorized User Name: Jonathan A. Small

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0000059

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04/07/2006

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(40.00 DA)

9.

Signature:

March 31, 2006

Date

Name of person signing: Jonathan A. Small

Total Number of pages including cover sheet, attachments, and documents

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

PATENT

REEL: 017756 FRAME: 0159

**ASSIGNMENT OF  
PATENT APPLICATION**  
(37 CFR 1.63)

Attorney  
Docket No.:

20051843-US-NP

Total Pages:

1

First Named Inventor or Application Identifier

William Wong et al.

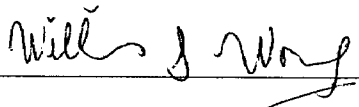
The undersigned is/are the named inventor(s) (the "Inventor(s)") on a United States patent application entitled **Method of Forming a Dark-Field Etch Mask** (the "Application") for inventions disclosed or claimed therein (the "Invention(s)"), which Application:

- ☒ is being executed concurrently herewith,  
☐ was first executed on \_\_\_\_\_  
☐ was filed on \_\_\_\_\_ as Application Number \_\_\_\_\_  
☐ claims the benefit of U.S. Provisional Application(s) No(s) \_\_\_\_\_ filed \_\_\_\_\_.

Palo Alto Research Center Incorporated, a Delaware Corporation, having a place of business at 3333 Coyote Hill Road, Palo Alto, CA, 94304, on behalf of itself, its successors and assigns, and its legal representatives ("**ASSIGNEE**"), is entitled to all rights in the Application and the Invention(s), and the full cooperation of the Inventor(s).

For valuable consideration, the receipt of which is hereby acknowledged, the Inventor(s) hereby sell(s), assign(s), and transfer(s) to **ASSIGNEE** the entire and exclusive right, title and interest in the Application and the Invention(s), in and for the United States, its territories, and all foreign countries, including all applications, patents, design registrations and publications obtained or derived therefrom, world wide, and all priority rights under all present or future conventions and treaties, and any provisional applications for which priority is claimed in the Application; and

- (1) request the U.S. Commissioner of Patents to issue all U.S. Letters Patent granted thereon to **ASSIGNEE**;
- (2) agree that **ASSIGNEE** may apply for, prosecute, and receive all domestic and foreign Letters Patent thereon;
- (3) agree to execute all papers and take all actions necessary or desirable in connection therewith requested by **ASSIGNEE**; and
- (4) authorize **ASSIGNEE** to subsequently enter the Application Number on this Assignment, if not already entered above.

  
William Wong

DATE

3/31/06

  
Scott Limb

DATE

3/31/06

  
Beverly Russo

DATE

3-31-06

  
Michael Chabinyk

DATE

3/31/06

  
Rene Lujan

DATE

3-31-06