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U.S. DEPARTMENT OF COMMERCE
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To the Director of the U.S. Patent

1 documents or the new address(es) below.

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

Peter Kiesel
Oliver Schmidt
Michael Bassler
Uma Srinivasan

2. Name and address of receiving party(ies)

Name: Palo Alto Research Center Incorporated

Internal Address:

Street Address: 3333 Coyote Hill Road

City: Palo Alto

State: California

Country: U.S.A. Zip: 94304

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

Execution Date(s) February 2 and 5, 2007

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

3. Nature of conveyance:

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

4. Application or patent number(s):

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

A. Patent Application No.(s)

B. Patent No.(s)

Additional numbers attached? ☐ Yes ☒ No

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

Name: James T. Beran

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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

a. Credit Card Last 4 Numbers
Expiration Date

b. Deposit Account Number 24-0037

Authorized User Name James T. Beran

9. Signature:

James T. Beran

Signature

James T. Beran

Name of Person Signing

5 February 2007

Date

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: 018971 FRAME: 0432

ASSIGNMENT

The undersigned is/are the named inventor(s) (the "Inventor(s)") on a United States patent application entitled **TUNING OPTICAL CAVITIES** (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, on behalf of itself, its successors and assigns, and its legal representatives ("PARC"), 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 PARC 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 PARC;
- (2) agree that PARC may apply for and receive all foreign Letters Patent thereon;
- (3) agree to execute all papers and take all actions necessary or desirable in connection therewith requested by PARC; and
- (4) authorize PARC to subsequently enter the Application Number on this Assignment, if not already entered above.

P. Kiesel
 Peter Kiesel

2/2/07
 Date

O. Schmidt
 Oliver Schmidt

2-5-2007
 Date

M. Bassler
 Michael Bassler

2-5-2007
 Date

U. Srinivasan
 Uma Srinivasan

2/2/07
 Date

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