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Michal V. Wolkin
Ana C. Arias

Execution Date(s) 12/22/05

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

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- ☒ Assignment ☐ Merger
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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

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)

01/06/2006 DBYRNE 00000220 240037 11318975

01 FC 8021 40.00 DA

Additional numbers attached? ☐ Yes ☒ No

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

Name: James T. Beran

Internal Address: _____

Street Address: Post Office Box 1996

City: Richmond

State: Virginia Zip: 23218

Phone Number: 804.343.3225

Fax Number: 804.343.1131

Email Address: jberan@leadingedge.law.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
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9. Signature:

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Signature

27 December 2005
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Total number of pages including cover sheet, attachments, and documents:

2

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PATENT
REEL: 017423 FRAME: 0556

Attorney Docket No.: 20041212Q-US-NP/U1047/018

ASSIGNMENT

The undersigned is/are the named inventor(s) (the "Inventor(s)") on a United States patent application entitled **LAYERED STRUCTURES ON THIN SUBSTRATES** (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.

Michael V. Wolkin
Michael V. Wolkin

12/22/2005
Date

Ana Claudia Arias
Ana C. Arias

12/22/2005
Date

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