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U.S. DEPARTMENT OF COMMERCE  
U.S. Patent and Trademark Office

10/25/04

To the Honorable Commissioner of Patents and Trademarks: Please record the attached original documents or copy thereof.

## 1. Name of conveying party(ies):

Jun Ye

## 2. Name and address of receiving party(ies)

Name: The Board of Trustees of the Leland Stanford  
Junior University

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

## 3. Nature of conveyance:



Assignment



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Street Address: Stanford UniversityCity: Stanford State: CA Zip: 94305Execution Date: September 12, 2004Additional name(s) & address(es) attached? ☐ Yes ☒ No

## 4. Application number(s) or patent number(s):

If this document is being filed together with a new application, the execution date of the application is: \_\_\_\_\_

A. Patent Application No.(s) 10/917,060

B. Patent No.(s) \_\_\_\_\_

Additional numbers attached? ☐ Yes ☒ No

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

Name: Neil A. Steinberg

Internal Address: \_\_\_\_\_

Street Address: 2665 Marine Way, Suite 1150City: Mountain View State: CA Zip: 940436. Total number of applications and patents involved: 17. Total fee (37 CFR 3.41).....\$ 40.00

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Authorized to be charged to deposit account

## 8. Deposit account number:

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## 9. Signature.

Neil A. Steinberg, Reg. No. 34,735

Name of Person Signing

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October 20, 2004

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Total number of pages including cover sheet, attachments, and documents: 3Mail documents to be recorded with required cover sheet information to:  
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PATENT  
REEL: 015912 FRAME: 0920

**ASSIGNMENT**  
(Docket No. 213.006-US)

Inventors: **Jun Ye**  
**Yu Cao**  
**R. Fabian Pease**

Serial No.: **10/917,060**

Filing Date: **August 12, 2004**

Title: **System and Method for Detecting Integrated Circuit Pattern Defects**

I, the undersigned, in consideration of One Dollar (\$1.00) and other good and valuable considerations in hand paid, the receipt and sufficiency whereof are hereby acknowledged, hereby assign to:

**THE BOARD OF TRUSTEES OF THE  
LELAND STANFORD JUNIOR UNIVERSITY**

its successors and assigns, the entire right, title and interest in the inventions and/or improvements of the undersigned disclosed in the above-referenced application for Letters Patent of the United States, and in said application and any and all other applications, both United States and foreign, which may be filed, either solely or jointly with others, on said inventions and/or improvements, and in any and all Letters Patent of the United States and foreign countries, which may be obtained on any of said applications, and in any reissue or extension of such patents, and further assign to said assignee the priority right provided by the International Convention.

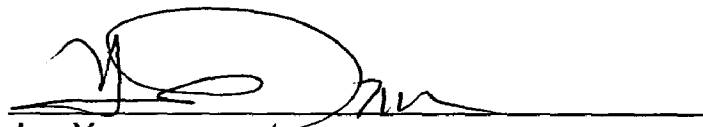
I, the undersigned, hereby authorize and request the Commissioner of Patents and Trademarks to issue said Letters Patent to said assignee.

I, the undersigned, warrant myself to be the joint owner of the entire right, title and interest in said inventions and/or improvements and to have the right to make this assignment, and further warrant that there are no outstanding prior assignments, licenses, or other encumbrances on the interest herein assigned.

I, the undersigned, for said considerations hereby agree, upon the request and at the expense of said assignee, its successors and assigns, to execute any and all divisional, continuation and substitute applications for said inventions and/or improvements, and any necessary oath, affidavit or declaration relating thereto, and any application for the reissue or extension of any Letters Patent that may be granted upon said application and any and all applications and other documents for Letters Patent in foreign countries on said inventions and/or improvements, that said assignee, its successors or assigns may deem necessary or expedient, and for the said considerations

the undersigned authorize said assignee to apply for patents for said inventions and/or improvements in its own name in such countries where such procedure is proper and further agree, upon the request of said assignee, its successors and assigns, to cooperate to the best of the ability of the undersigned with said assignee, its successors and assigns, in any proceedings or transactions involving such applications or patents, including the preparation and execution of preliminary statements, giving and producing evidence, and performing any and all other acts necessary to obtain said Letters Patent, both United States and foreign, and vest all rights therein hereby conveyed in the assignee, its successors and assigns, whereby said Letters Patent will be held and enjoyed by the said assignee, its successors and assigns, to the full end of the term for which said Letters Patent will be granted, as fully and entirely as the same would have been held and enjoyed by the undersigned if this assignment had not been made.

Date: 9/12/04

  
Jun Ye