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B/O FORM PTO-1595 (Rev. 4/00)



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To the Commissioner for Patents. Please record the attached original documents or copies thereof.

<p>1. Name of Conveying Party(ies): Bor-Sung LIANG</p>	<p>2. Name and Address of Receiving Party(ies): Name: Sunplus Technology Co., Ltd. Street Address: 19, Innovation Road 1, Science-Based Industrial Park</p>
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<p>3. Nature of Conveyance: <input checked="" type="checkbox"/> Assignment <input type="checkbox"/> Merger <input type="checkbox"/> Security Agreement <input type="checkbox"/> Change of Name <input type="checkbox"/> Other: Execution Date: 01/03/05</p>	<p>City, State, Zip: Hsinchu, Taiwan R.O.C. <input type="checkbox"/> Additional name(s) and address(es) attached.</p>
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<p>4. (A) Patent Application Number(s): If this document is being filed together with a new application, the execution date of the application is: 01/03/05</p>	<p>4. (B) Patent Number(s): <input type="checkbox"/> Additional Numbers Attached.</p>
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Title: **Method And Apparatus For Accessing Hidden Data In A Boundary Scan Test Interface**

Attorney Docket No.: **LIAN3039/EM**

<p>5. Name and Address of Party to whom Correspondence Concerning this Document Should be Mailed: Name: Eugene Mar Bacon & Thomas, PLLC 625 Slaters Lane Fourth Floor Alexandria, VA 22314</p>	<p>Total Number of Applications and Patents Involved: 1 7. Total Fee: (37 CFR 3.41) \$40.00 <input checked="" type="checkbox"/> Enclosed <input type="checkbox"/> Authorized to be charged to deposit account 8. Deposit Account Number: 02-0200</p>
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9. Statement and Signature:
To the best of my knowledge and belief, the foregoing is true and correct and any attached copy is a true copy of the original document.
Eugene Mar  January 10, 2005
Name of Person Signing Signature Date

Total number of pages including cover sheet, attachments and document: **2**

1-11-05

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PATENT
REEL: 016176 FRAME: 0117

ATTORNEY/DOCKET NO:

ASSIGNMENT BY INVENTOR(S) OF U.S. APPLICATION

WHEREAS, I am the original, first and sole inventor and I own (if only one name is listed below) or an original, first and joint inventor and the joint inventors own (if plural names are listed below) (referred to as "ASSIGNOR" below) the subject matter which is claimed and for which a patent is sought on the invention (referred to as the "INVENTION" below) entitled:

Title: **Method And Apparatus For Accessing Hidden Data In A Boundary Scan Test Interface**
the specification of which (check one):

- is executed on even date herewith.
- was filed on (day-month-year) as U.S. Application Number
- was filed on (day-month-year) as PCT Application Number
- was executed on the following date(s) (day-month-year)

WHEREAS, **Sunplus Technology Co. , Ltd.**

having a postal address of **19, Innovation Road 1, Science-Based Industrial Park, Hsinchu, Taiwan R. O. C.**

(referred to as "ASSIGNEE" below) desires to acquire the entire right, title and interest in and to the same in the U.S.;

NOW, THEREFORE, for good and valuable consideration, the receipt and adequacy of which is hereby acknowledged, ASSIGNOR, by these presents does sell, assign and transfer unto ASSIGNEE, the entire right, title, and interest in and to said INVENTION and application throughout the United States of America, including any and all patents granted on any division, continuation, continuation-in-part and reissue of said application.

ALSO, ASSIGNOR hereby agrees to execute any documents that legally may be required in connection with the filing, prosecution and maintenance of said application or any other patent applications in the United States for said INVENTION, including additional documents that may be required to affirm the rights of ASSIGNEE in and to said INVENTION, all without further consideration. ASSIGNOR also agrees, without further consideration and at ASSIGNEE's expense, to identify and communicate to ASSIGNEE at ASSIGNEE's request documents and information concerning the INVENTION that are within ASSIGNOR's possession or control, and to provide further assurances and testimony on behalf of ASSIGNEE that lawfully may be required of ASSIGNOR in respect of the prosecution, maintenance and defense of any patent application or patent encompassed within the terms of this instrument. ASSIGNOR's obligations under this instrument shall extend to ASSIGNOR's heirs, executors, administrators and other legal representatives.

ALSO, ASSIGNOR hereby authorizes and requests the Commissioner of Patents and Trademarks to issue any and all patents referred to above to ASSIGNEE, as the ASSIGNEE of the entire right, title and interest in and to the same, for ASSIGNEE's sole use and behoof; and for the use and behoof of ASSIGNEE's legal representatives and successors, to the full end of the term for which such patent may be granted, as fully and entirely as the same would have been held by ASSIGNOR had this assignment and sale not been made.

ASSIGNOR authorizes any member of the firm of Bacon & Thomas, PLLC to insert or complete any information in this document needed to effect its recordal in the U.S. Patent and Trademark Office.

Full Name of First or Sole Inventor Bor-Sung LIANG	Post Office Address 6F-1, No. 406, Yucheng Rd.,
Citizenship Taiwan R. O. C.	Residence (city, and either state or foreign country, MPEP §605.02) Zuoying District, Kaohsiung City 813, Taiwan R. O. C.
Date <i>Jan 3, 2005</i>	Signature <i>Bor-Sung Liang</i>

See following page(s) for additional joint inventors.

(06Nov2001)