10-29-2007

Form PTO-1595 (Rev. 09/04) U.S. DEPARTMENT OF COMMERCE OMB No. 0651-0027 (exp. 6/30/2005) United States Patent and Trademark Office R 103456865 **RTI-004** 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 party(ies)/Execution Date(s): 2. Name and address of receiving party(ies) Name: Research Triangle Institute Robert O. Conn Internal Address: Execution Date(s) October 15, 2007 Street Address: 3040 Comwallis Road Additional name(s) of conveying party(ies) attached? Yes 🗸 No 3. Nature of conveyance: ✓ Assignment Merger City: Research Triangle Park Security Agreement Change of Name State: NC **Government Interest Assignment** Country: USA Zip: 27709 Executive Order 9424, Confirmatory License Other 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) Patent Application Entitled: "Preventing Breakage of Long Metal Signal Conductors on Semiconductor Substrates" WASFAW1 00000039 11975058 .0/19/2007 40.00 OP 4 FC:802: Additional numbers attached? Yes ✓ No 5. Name and address to whom\correspondence 6. Total number of applications and patents concerning document should be mailed: involved: Name: Imperium Patent Works 7. Total fee (37 CFR 1.21(h) & 3.41) \$ 40.00 Internal Address: Zheng Jin Authorized to be charged by credit card Authorized to be charged to deposit account ✓ | Enclosed Street Address: P.O. Box 587 None required (government interest not affecting title) 8. Payment Information City: Sunol a. Credit Card Last 4 Numbers State: CA Zip: 94586 Expiration Date Phone Number: (408)528-1442 b. Deposit Account Number_ Fax Number: Authorized User Name _ Email Address: Zheng@imperiumPW.com 9. Signature: October 16, 2007 Zheng Jin Total number of pages including cover

> Documents to be recorded (including cover sheet) should be faxed to (703) 308-5995, or mailed to: Mail Stop Assignment Recordation Services, Director of the USPTO, P.O.Box 1450, Alexandria, V.A. 22313-1450

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Name of Person Signing

sheet, attachments, and documents:

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REEL: 020042 FRAME: 0789

Docket Number: RTI-004

ASSIGNMENT OF PATENT APPLICATION

WHEREAS, I, having a post office address that follows my name: Robert O. Conn, P.O. 443, Laupahoehoe, HI 96764 (herein referred to as ASSIGNOR), am the sole inventor of an invention described and claimed in the specification forming part of the United States patent application entitled "Preventing Breakage of Long Metal Signal Conductors On Semiconductor Substrates," executed herewith;

WHEREAS, Research Triangle Institute (hereafter referred to as ASSIGNEE), a not for profit organization organized under the laws of the State of North Carolina and having a place of business at 3040 Cornwallis Road, Research Triangle Park, NC 27709, is desirous of acquiring the entire right, title, and interest in and to the invention and in and to any letters patent that may be granted therefor in the United States and in any and all foreign countries;

NOW, THEREFORE, in exchange for good and valuable consideration, the receipt of which is hereby acknowledged, ASSIGNOR hereby sells, assigns, and transfers unto said ASSIGNEE, the entire right, title, and interest in and to said invention, said application and any and all letters patents which may be granted for said invention in the United States of America and its territorial possessions and in any and all foreign countries, and in any and all divisions, reissues, and continuations thereof, including the right to file foreign applications directly in the name of ASSIGNEE and to claim priority rights deriving from said United States application to which said foreign applications are entitled by virtue of international convention, treaty, or otherwise, said invention, application and all letters patents on said invention to be held and enjoyed by ASSIGNEE and its successors and assigns for their use and benefit and of their successors an assigns as fully and entirely as the same would have been held and enjoyed by ASSIGNOR had this assignment, transfer, and sale not been made. ASSIGNOR hereby authorizes and requests the Commissioner of Patents and Trademarks to issue all letters patents on said invention to ASSIGNEE. ASSIGNOR agrees to execute all instruments and documents required for the making and prosecution of applications for United States and foreign letters patents on said invention, for litigation regarding said letters patents, or for the purpose of protecting title to said invention or letters patents therefor.

Palint	Robert O. Conn	10/15/2007
Inventor's Signature	Inventor's Printed Name	Date /
STATE OF HAWAII)) SS	
COUNTY OF) 33	
personally known by me or proved to	07, before me personally came the above ne on the basis of satisfactory evidence to who acknowledged to me that he executed h.	to be the same individual who

NOTARY PUBLIC

My Commission Expires:

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PATENT REEL: 020042 FRAME: 0790

RECORDED: 10/16/2007