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U.S. DEPARTMENT OF COMMERCE

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RECORDATION FORM COVER SHEET

PATENTS ONLY 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) 2. Name and address of receiving party(ies) Chen Jung Tsai Name: Macronix International Co., Ltd. Chih Wen Lin Internal Address: Additional name(s) of conveying party(ies) attached? ____Yes 🗹 No 3. Nature of conveyance/Execution Date(s): Street Address: 16 Li-Hsin Road Execution Date(s) November 5, 2006 & November 8, 2006 Science-Based Industrial Park ✓ Assignment Merger City: Hsinchu ☐ Change of Name Joint Research Agreement Government Interest Assignment Country: Tawain, R.O.C. Zip: 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) Additional numbers attached? Yes Vo 5. Name and address to whom correspondence 6. Total number of applications and patents concerning document should be mailed: involved:_1 Name: Kenton R. Mullins **7. Total fee** (37 CFR 1.21(h) & 3.41) \$ 40.00 Authorized to be charged by credit card Internal Address: ✓ Authorized to be charged to deposit account Enclosed Street Address: Stout, Uxa, Buyan & Mullins, LLP None required (government interest not affecting title) 4 Venture, Suite 300 8. Payment Information City: Irvine a. Credit Card Last 4 Numbers __ Zip:92618 Expiration Date ___ State: CA___ Phone Number: (949) 450-1750 b. Deposit Account Number 50-1600 Fax Number: (949) 450-1764 Authorized User Name Kenton R. Mullins Email Address: November 29, 2006; 9. Signature: Date Signature Total number of pages including cover sheet, attachments, and documents: Kenton R. Mullins Name of Person Signing

Documents to be recorded (including cover sheet) should be faxed to (571) 273-0140, or mailed to: Mail Stop Assignment Recordation Services, Director of the USPTO, P.O.Box 1450, Alexandria, V.A. 22313-1450 WHEN RECORDED, RETURN TO:

Kenton R. Mullins STOUT, UXA, BUYAN & MULLINS, LLP 4 Venture, Suite 300 Irvine, CA 92618

ASSIGNMENT

WHEREAS, WE, CHEN JUNG TSAI and CHIH WEN LIN, both residing in Taiwan, have invented certain new and useful improvements in:

METHOD AND APPARATUS FOR STACKING ELECTRICAL COMPONENTS USING VIA TO PROVIDE INTERCONNECTION

for which the said CHEN JUNG TSAI has this 5h day of November, 2004 executed application papers for United States Letters Patent thereon; and
the said CHIH WEN LIN has this & day of November, 2004 executed application papers for United States Letters Patent thereon;
WHEREAS, MACRONIX INTERNATIONAL CO., LTD., hereinafter called Assignee, having a place of business at 16 Li-Hsin Road, Science-Based Industrial Park, Hsinchu, Taiwan, R.O.C., is desirous of acquiring the entire and exclusive right, title and interest in and to the aforesaid invention and in and to any and all Letters Patent therefor granted in the United States of America, and in any and all countries foreign thereto;
NOW, THEREFORE, TO WHOM IT MAY CONCERN, be it known that, for and in consideration of the sum of ONE TAIWAN NEW DOLLAR paid to us in hand paid by Assignee, and other good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, WE, CHEN JUNG TSAI and Cfillh WEN LIN by these presents do hereby sell, assign and transfer unto Assignee, its successors and assigns, the full and exclusive right, title and interest in and to the said invention, and in and to any Letters Patent which may be granted and issued in the United States and throughout the world thereto (including the right to apply for Letters Patent in foreign countries in its own name and to claim any priority rights for such foreign applications to which such applications and entitled under international conventions, treaties, or otherwise), in and to the said invention as described in said applications, and in and to all Letters Patent granted therefor, and all divisions, reissues and continuations thereof, and applications, and in and to all Letters Patent granted therefor, and all divisions, reissues and continuations thereof, and application to said Assignee, as assignee of my entire right, title and interest, and I covenant that I have full or resulting therefrom to said Assignee, as assignee of my entire right, title and interest, and I facts known to me right so to do and agree that I will communicate to said Assignee, or its successors any and all facts known to me regarding said invention whenever requested, and will testify in any legal proceeding, sign all lawful papers, execute regarding said invention whenever requested, and will testify in any legal proceeding, sign all lawful papers, execute regarding said invention whenever requested, and will testify in any legal proceeding, sign all lawful papers, execute regarding said invention whenever requested, and will testify in any legal proceeding, sign all lawful papers, execute all divisional, reissue and continuation applications, and generally do everything po

AND, WE HEREBY AUTHORIZE AND REQUEST the Commissioner of Patents and Trademarks to issue said United States Letters Patent to the said MACRONIX INTERNATIONAL CO., LTD.,

successors and assigns, to obtain and enforce proper patent protection for said invention in all countries;

PATENT REEL: 018638 FRAME: 0601

IN WITNESS WHEREC Park, Hsinchu, Taiwan, R.O.C.,	F, I have executed this instrument at 16 Li-Hsin Road, Science-Based Industrial
	this day of, 2004.
Witness: (print name)	CHEN JUNG TSAI
IN WITNESS WHEREO Park, Hsinchu, Taiwan, R.O.C.,	F, I have executed this instrument at 16 Li-Hsin Road, Science-Based Industrial
	this day of
Witness: (print name)	CHEAU WEAU LIN

PATENT REEL: 018638 FRAME: 0602

RECORDED: 11/29/2006