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1. Name of conveying party(ies):
HSIANG-LAN LUNG

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

Name: **Macronix International Co., Ltd.**

Internal Address: _____

Additional names(s) of conveying party(ies)

☐ Yes ☒ No

3. Nature of conveyance:

☒ Assignment

☐ Merger

☐ Security Agreement

☐ Change of Name

☐ Other _____

Street Address: **16 Li-Hsin Road, Science-Based**

Industrial Park, Hsinchu, Taiwan, Republic of China

City: _____ State: _____ ZIP: _____

Execution Date: **October 7, 2004**

Additional name(s) & address(es) attached? ☐ Yes ☒ No

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

If this document is being filed together with a new application, the execution date of the application is: **November 10, 2004**

A. Patent Application No.(s)

B. Patent No.(s)

Additional numbers attached? ☐ Yes ☒ No

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

Name: **Kenton R. Mullins**

Internal Address: _____

11/19/2004 GT0111 00000061 501600 10985481
01 FC:8021 40.00 DA

Street Address: **Stout, Uxa, Buyan & Mullins, LLP**

4 Venture, Suite 300

City: **Irvine** State: **CA** ZIP: **92618**

6. Total number of applications and patents involved: **1**

7. Total fee (37 CFR 3.41):.....\$ **40.00**

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To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.

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November 10, 2004

Date

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PATENT
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WHEN RECORDED, RETURN TO:

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

ASSIGNMENT

WHEREAS, I, HSIANG-LAN LUNG, residing in Taiwan, have invented certain new and useful improvements in:

METHOD OF FORMING A CHALCOGENIDE MEMORY CELL HAVING AN
ULTRASMALL CROSS-SECTIONAL AREA AND A CHALCOGENIDE MEMORY CELL
PRODUCED BY THE METHOD

for which the said HSIANG-LAN LUNG has this ____ day of _____, 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 me in hand paid by Assignee, and other good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, I, HSIANG-LAN LUNG 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 are 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 I hereby authorize and request the Commissioner of Patents and Trademarks to issue all Letters Patent on said invention or resulting therefrom to said Assignee, as assignee of my entire right, title and interest, and I covenant that I have full 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 all divisional, reissue and continuation applications, and generally do everything possible to aid said Assignee, its successors and assigns, to obtain and enforce proper patent protection for said invention in all countries;

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

IN WITNESS WHEREOF, I have executed this instrument at 16 Li-Hsin Road, Science-Based Industrial Park, Hsinchu, Taiwan, R.O.C.,

this 7th day of October, 2004.

Witness:
(print name)

Hsiang-Lan Lung
HSIANG-LAN LUNG