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To the Director of the United States Patent and Trademark Office: Please attach original documents or copy thereof.

1. Name of conveying party(ies):
HUNG-YU CHIU
MING-SHANG CHEN
WENPIN LU
UWAY TSENG
11.13.03

Additional names(s) of conveying party(ies) Yes No

2. Name and address of receiving party(ies):
Name: **Macronix International Co., Ltd.**
Internal Address: _____
Street Address: **16 Li-Hsin Road, Science-Based**
Industrial Park, Hsinchu, Taiwan, Republic of China
City: _____ State: _____ ZIP: _____
Additional name(s) & address(es) attached? Yes No

22386 U.S. PTO
10/714128
111303

3. Nature of conveyance:
 Assignment Merger
 Security Agreement Change of Name
 Other _____
Execution Date: **October 31, 2003**

4. Application number(s) or patent numbers(s): *10714128*
If this document is being filed together with a new application, the execution date of the application is: _____
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: _____
11/20/2003 6TON11 00000133 501600 10714128
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**
 Enclosed - Any excess or insufficiency should be credited or debited to deposit account
 Authorized to be charged to deposit account
8. Deposit account number:
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9. Statement and signature.
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.
Kenton R. Mullins *[Signature]* **November 13, 2003**
Name of Person Signing Signature **2** Date

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

WHEN RECORDED, RETURN TO:

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

ASSIGNMENT

WHEREAS, WE, HUNG-YU CHIU, MING-SHANG CHEN, WENPIN LU and UWAY TSENG, all residing in Taiwan, have invented certain new and useful improvements in:

**METHOD OF FABRICATING A MEMORY DEVICE
HAVING A SELF-ALIGNED CONTACT**

for which the said HUNG-YU CHIU has this 31st day of October, 2003 executed application papers for United States Letters Patent thereon;

the said MING-SHANG CHEN has this 31st day of October, 2003 executed application papers for United States Letters Patent thereon;

the said WENPIN LU has this 31st day of October, 2003 executed application papers for United States Letters Patent thereon; and

the said UWAY TSENG has this 31st day of October, 2003 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 (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;

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, HUNG-YU CHIU, MING-SHANG CHEN, WENPIN LU and UWAY TSENG 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 therefor;

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.,

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

this 31th day of Oct, 2002.

Witness: Chin-Chuang Yeh Hung-Yu Chiu
(print name) HUNG-YU CHIU

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

this 31th day of Oct, 2002.

Witness: Chin-Chuang Yeh Ming-Shang Chen
(print name) MING SHANG CHEN

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

this 31th day of Oct, 2002.

Witness: Chin-Chuang Yeh Wenpin Lu
(print name) WENPIN LU

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

this 31th day of Oct, 2002.

Witness: Chin-Chuang Yeh Uway Tseng
(print name) UWAY TSENG