

08-13-2003



Docket No.: MXIC-P910351

HEET

U.S. DEPARTMENT OF COMMERCE  
Patent and Trademark Office

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102523614

To the Honorable Commissioner of Patents and Trademarks: Please send the attached original documents or copy thereof.

1. Name of conveying party(ies):

FU SHIUNG HSU  
CHEN CHIN LIU  
LAN TING HUANG

Additional names(s) of conveying party(ies)

☐ Yes ☒ No

3. Nature of conveyance:

☒ Assignment

☐ Merger

☐ Security Agreement

☐ Change of Name

☐ Other

Execution Date: June 30, 2003

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

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:

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:

08/12/2003 BTOM11 00000129 501600 10627000

01 FC:0021 40.00 BA

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:

50-1600

(Attach duplicate copy of this page if paying by deposit account)

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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

Name of Person Signing

Signature

July 25, 2003

3

Date

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

WHEN RECORDED, RETURN TO:

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

ASSIGNMENT

WHEREAS, WE, FU SHIUNG HSU, CHEN CHIN LIU and LAN TING HUANG, all residing in Taiwan, have invented certain new and useful improvements in:

METHOD FOR FORMING NON-VOLATILE MEMORY CELL  
WITH LOW-TEMPERATURE-FORMED DIELECTRIC  
BETWEEN WORD AND BIT LINES, AND NON-VOLATILE MEMORY ARRAY  
INCLUDING SUCH MEMORY CELLS

for which the said FU SHIUNG HSU has this 30th day of June, 2003 executed application papers for United States Letters Patent thereon;

for which the said CHEN CHIN LIU has this 30th day of June, 2003 executed application papers for United States Letters Patent thereon; and

the said LAN TING HUANG has this 30th day of June, 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, FU SHIUNG HSU, CHEN CHIN LIU and LAN TING HUANG 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 30th day of June, 2003.

Witness: Chin-chuan Yeh Fu Shiang Hsu  
(print name) FU SHIUNG HSU

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

this 30th day of June, 2003.

Witness: Chin-chuan Yeh Chen Chiu Liu  
(print name) CHEN CHIU LIU

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

this 30th day of June, 2003.

Witness: Chin-chuan Yeh Lan Ting Huang  
(print name) LAN TING HUANG