

12-05-2001

FORM PTO-1596

1-31-92

RE



U.S. DEPARTMENT OF COMMERCE

Patent and Trademark Office

DOCKET NO.: 4006-138

101906802

To the Honorable Commissioner of Patents and Trademarks: Please record the attached original documents or copy thereto:

1. Name of conveying party(ies):

Tung-Cheng KUO

11/28/01

Additional name(s) of conveying party(ies) attached?

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

Name: Macronix International Co., Ltd.

Internal Address:

Street Address: No. 16, Li Hsin Road, Science-Based Industrial Park

City: Hsinchu

State or Area: Taiwan

Zip/Postal Code:

Country: R.O.C.

3. Nature of conveyance:

☒ Assignment☐ Merger☐ Security Agreement☐ Change of Name☐ Other

Execution Date: November 5, 2001

Additional name(s) & address(es) attached?

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

If the document is being filed together with a new application, the execution date of the application is: November 5, 2001

A. Patent Application No(s).

B. Patent No(s).

Additional numbers attached?

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

Name:

LOWE HAUPTMAN GILMAN & BERNER

Internal Address:

Street Address: 1700 Diagonal Road, Suite 310

City: Alexandria

State: VA

ZIP: 22314

6. Total number of applications and patents involved: one

7. Total fee (37 CFR 3.41)

\$40.00

☒ Credit Card payment form enclosed☐ Authorized to be charged to deposit account

8. Deposit account number: 07-1337

DO NOT USE THIS SPACE

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.*Benjamin J. Hauptman
Reg. No. 29,310

Signature

November 28, 2001

Date

Total number of pages comprising cover sheet: 3

CMB No. 0851-0011 (exp. 4/94)

11/29/2001 SZEWDIE1 00000035 09994767

02 FD:581

40.00 EP

PATENT
REEL: 012330 FRAME: 0104

ASSIGNMENT

This assignment agreement is applicable to an invention entitled (Invention Title) METHOD FOR OPERATING THE NON-VOLATILE MEMORY WITH SYMMETRICAL DUAL-CHANNELS

The PATENT RIGHTS referred to in this agreement are:

(check one) ☒ a patent application for this invention, executed by the ASSIGNOR(S) concurrently with this assignment.

☐ U.S. patent application Serial No. _____, filed _____

☐ a U.S. patent application based on PCT International Application No. _____ filed on (date) _____ (U.S. patent application Serial No. _____, if known).

☐ U.S. patent No. _____, issued _____.

The PATENT RIGHTS also include all divisions reissues, continuations and extensions of the patents and patent applications identified above.

The PATENT RIGHTS assigned under this agreement are:

(check one) ☒ U.S. patent rights only.

☐ Worldwide patent rights. In this case, the assignee shall have the right to claim the benefit of the filing date of any U.S. or foreign patent application for this invention.

The ASSIGNOR(S) referred to in this agreement is (or are) the inventor(s) whose signatures appear on page 2 of this Assignment and any Supplemental Sheet(s).

The ASSIGNEE referred to in this agreement is:

(Name of Assignee) MACRONIX INTERNATIONAL CO., LTD.

(Address) No. 16, LI HSIN ROAD, SCIENCE-BASED INDUSTRIAL PARK, HSINCHU, TAIWAN, R.O.C.

The ASSIGNEE is:

(check one) ☐ An individual.

☐ A Partnership.

☒ A Corporation of TAIWAN, R.O.C. (specify state or country)

☐ (other) _____

The ASSIGNOR(S), in consideration of \$10.00 paid by the ASSIGNEE, and other good and valuable consideration, receipt of which is acknowledged, hereby assign(s) the following rights to the ASSIGNEE, its successors and assigns:

the full and exclusive right to the invention;

the entire right, title and interest in and to the PATENT RIGHTS;

the right to sue and recover for any past infringement; and

the right to claim priority under 35 USC 119, 35 USC 120, or any other applicable provisions, based on any earlier patent applications for this invention.

THIS IS PAGE 2 OF AN ASSIGNMENT FROM THE INVENTOR(S) TO

ASSIGNEE: MACRONIX INTERNATIONAL CO., LTD.

INVENTION TITLE: METHOD FOR OPERATING THE NON-VOLATILE
MEMORY WITH SYMMETRICAL DUAL-CHANNELS

As to all U.S. patent applications assigned under this agreement, the ASSIGNOR(S) hereby authorize(s) and request(s) the Commissioner of Patents and Trademark to issue all Letters Patent to the ASSIGNEE as the assignee of the entire right, title and interest, for the sole use and enjoyment of said ASSIGNEE, its successors and assigns.

Further, the ASSIGNOR(S) agree(s) to communicate to said ASSIGNEE, or its representatives, any fact known to the ASSIGNOR(S) with respect to said invention, and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuation, substitute, renewal, reexamination and reissue applications, execute all necessary assignment papers to cause and all Letter Patent to be issued to said ASSIGNEE, make all rightful oaths and generally do everything necessary or desirable to aid said ASSIGNEE, its successors and assigns, to obtain and enforce proper protection for said invention.

The ASSIGNOR(S) authorize(s) the attorneys and agents who have the power of attorney in this application to check any appropriate boxes and to insert the Serial Number and filing date in this document after it has been executed.

Tung-Cheng KUO

Name of sole or first inventor

Tung - Cheng KUO

Signature

2001 / 11 / 05

Date

Name of second inventor, if any

Signature

Date

Name of third inventor, if any

Signature

Date

Name of fourth inventor, if any

Signature

Date

Name of fifth inventor, if any

Signature

Date

Name of sixth inventor, if any

Signature

Date

Name of seventh inventor, if any

Signature

Date

Name of eighth inventor, if any

Signature

Date