

05-26-2005

Form PTO-1595 (Rev. 09/04)
OMB No. 0651-0027 (exp. 6/30/2005)U.S. DEPARTMENT OF COMMERCE
and States Patent and Trademark Office

RECOI



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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)/Execution Date(s):

(1) Chi-Ming Chen
(2) Chang-Ting Chen

(1) 05-03-2005

Execution Date(s) (2) 05-03-2005

Additional name(s) of conveying party(ies) attached? ☐ Yes ☒ No

3. Nature of conveyance:

- ☒ Assignment ☐ Merger
☐ Security Agreement ☐ Change of Name
☐ Government Interest Assignment
☐ Executive Order 9424, Confirmatory License
☐ Other _____

2. Name and address of receiving party(ies)

Name: Macronix International Co., Ltd.

Internal Address: _____

Street Address: No. 16 Li-Hsin RoadScience-Based Industrial ParkCity: HsinchuState: HsinchuCountry: Taiwan, R.O.C. Zip: _____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)

05/24/2005 SMINASS1 00000059 11132635

06 FC:8021

40.00 OP

Additional numbers attached? ☐ Yes ☒ No

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

Name: Mark A. Haynes

Internal Address: _____

Street Address: Haynes Beffel & Wolfeld LLP

P.O. BOX 366

City: HALF MOON BAYState: CA Zip: 94019Phone Number: (650) 712-0340Fax Number: (650) 712-0263Email Address: mhaynes@hmbay.com6. Total number of applications and patents involved: 17. Total fee (37 CFR 1.21(h) & 3.41) \$ 40.00

- ☐ Authorized to be charged by credit card
☐ Authorized to be charged to deposit account
☒ Enclosed
☐ None required (government interest not affecting title)

8. Payment Information

a. Credit Card Last 4 Numbers _____
Expiration Date _____b. Deposit Account Number 50-0869Authorized User Name Mark A. Haynes9. Signature: Mark A. Haynes

Signature

Date

Mark A. Haynes

Name of Person Signing

Total number of pages including cover sheet, attachments, and documents: 3Documents to be recorded (including cover sheet) should be faxed to (703) 306-5995, or mailed to:
Mail Stop Assignment Recordation Services, Director of the USPTO, P.O. Box 1450, Alexandria, V.A. 22313-1450PATENT
REEL: 016591 FRAME: 0196

MXIC 1597-1
(P930070)**JOINT TO CORPORATE
ASSIGNMENT**

WHEREAS, the undersigned,

- | | |
|---|--|
| (1) Chi-Ming Chen 陳啓銘
5F.-2, No.19, Lane 277
ChanShin Rd., Hsinchu
300, Taiwan | (2) Chang-Ting Chen 陳張庭
7F.-4, No.8, Lane 175
Wuling Rd., Hsinchu
300, Taiwan |
|---|--|

hereinafter termed "Inventors", have invented certain new and useful improvements in

MEMORY DEVICE WITH RAPID WORD LINE SWITCH

and have executed an oath or declaration of inventorship for such non-provisional application on:

- (1) the 3rd day of May, 2004;⁵
(2) the 3rd day of May, 2004;⁵

(hereinafter termed "applications"); and

WHEREAS, **Macronix International Co., Ltd.**, a corporation of **Taiwan**, having a place of business at **No. 16, Li-Hsin Road, Science-Based Industrial Park, Hsinchu, Taiwan R.O.C.** (hereinafter termed "Assignee"), is desirous of acquiring the entire right, title and interest in and to said applications and the invention disclosed therein, and in and to all embodiments of the invention, heretofore conceived, made or discovered by said Inventors jointly or severally (all collectively hereinafter termed "said invention"), and in and to any and all patents, inventor's certificates and other forms of protection (hereinafter termed "patents") thereon granted in the United States and foreign countries.

NOW, THEREFORE, in consideration of good and valuable consideration acknowledged by said Inventors to have been received in full from said Assignee:

1. Said Inventors do hereby jointly and severally sell, assign, transfer and convey unto said Assignee the entire right, title and interest (a) in and to said applications and said invention; (b) in and to all rights to apply for foreign patents on said invention pursuant to the International Convention for the Protection of Industrial Property or otherwise; (c) in and to any and all applications filed and any and all patents granted on said invention in the United States or any foreign country, including each and every application filed and each and every patent granted on any application which is a divisional, substitution, continuation, or continuation-in-part of any of said applications; and (d) in and to each and every reissue or extensions of any of said patents.

2. Said Inventors hereby jointly and severally covenant and agree to cooperate with said Assignee to enable said Assignee to enjoy to the fullest extent the right, title and interest herein conveyed in the United States and foreign countries. Such cooperation by said Inventors

MXIC 1597-1
(P930070)

shall include prompt production of pertinent facts and documents, giving of testimony, execution of petitions, oaths, specifications, declarations or other papers, and other assistance all to the extent deemed necessary or desirable by said Assignee (a) for perfecting in said Assignee the right, title and interest herein conveyed; (b) for prosecuting any of said applications; (c) for filing and prosecuting substitute, divisional, continuing or additional applications covering said invention; (d) for filing and prosecuting applications for reissuance of any said patents; (e) for interference or other priority proceedings involving said invention; and (f) for legal proceedings involving said invention and any applications therefor and any patents granted thereon, including without limitation reissues and reexaminations, opposition proceedings, cancellation proceedings, priority contests, public use proceedings, infringement actions and court actions; provided, however, that the expense incurred by said Inventors in providing such cooperation shall be paid for by said Assignee.

3. The terms and covenants of this assignment shall inure to the benefit of said Assignee, its successors, assigns and other legal representatives, and shall be binding upon said Inventors, jointly and severally, the inventors' respective heirs, legal representatives and assigns.

4. Said Inventors hereby jointly and severally warrant and represent that said inventors have not entered and will not enter into any assignment, contract, or understanding in conflict herewith.

IN WITNESS WHEREOF, said Inventors have executed and delivered this instrument to said Assignee as of the date written below.

Chi-Ming Chen
CHI-MING CHEN 陳啓銘
Chang-Ting Chen
CHANG-TING CHEN 陳張庭

Date: 05/03/2005
Date: 05/03 / 2005