

FORM PTO-1619A
Expires 06/30/99
OMB 0651-0027

05-24-2002



102101812

U.S. Department of Commerce
Patent and Trademark Office
PATENT

10/146876
JC996 U.S. S. 05/17/02

RECORDATION FORM COVER SHEET PATENTS ONLY

TO: The Commissioner of Patents and Trademarks: Please record the attached original document(s) or copy(ies).

Submission Type

New *05/17/02*

Resubmission (Non-Recordation)
Document ID# _____

Correction of PTO Error
Reel # _____ Frame # _____

Corrective Document
Reel # _____ Frame # _____

Conveyance Type

Assignment Security Agreement

License Change of Name

Merger Other _____

U.S. Government
(For Use ONLY by U.S. Government Agencies)

Departmental File Secret File

Conveying Party(ies)

Mark if additional names of conveying parties attached Execution Date
Month Day Year

Name (line 1) ERH-KUN LAI *10/146876* 5/1/2002

Name (line 2) _____

Second Party

Name (line 1) CHIEN-HUNG LIU 5/1/2002

Name (line 2) _____

Receiving Party

Mark if additional names of receiving parties attached

Name (line 1) MACRONIX INTERNATIONAL CO., LTD. If document to be recorded is an assignment and the receiving party is not domiciled in the United States, an appointment of a domestic representative is attached. (Designation must be a separate document from Assignment.)

Name (line 2) _____

Address (line 1) No. 16, Li-Hsin Rd., Science-Based Industrial Park

Address (line 2) _____

Address (line 3) Hsinchu Taiwan, R.O.C. _____
City State/Country Zip Code

Domestic Representative Name and Address

Enter for the first Receiving Party only.

Name _____

Address (line 1) _____

Address (line 2) _____

Address (line 3) _____

Address (line 4) _____

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05/20/2002 MGEEREM1 00000046 10146876
02 FC:581 40.00 DP

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Correspondent Name and Address Area Code and Telephone Number

Name

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Address (line 2)

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Pages Enter the total number of pages of the attached conveyance document including any attachments. #

Application Number(s) or Patent Number(s) Mark if additional numbers attached

Enter either the Patent Application Number or the Patent Number (DO NOT ENTER BOTH numbers for the same property).

Patent Application Number(s)			Patent Number(s)		
<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>

If this document is being filed together with a new Patent Application, enter the date the patent application was signed by the first named executing inventor. Month Day Year

Patent Cooperation Treaty (PCT)

Enter PCT application number **only** if a U.S. Application Number has not been assigned.

PCT <input type="text"/>	PCT <input type="text"/>	PCT <input type="text"/>
PCT <input type="text"/>	PCT <input type="text"/>	PCT <input type="text"/>

Number of Properties Enter the total number of properties involved. #

Fee Amount Fee Amount for Properties Listed (37 CFR 3.41): \$

Method of Payment: Enclosed Deposit Account

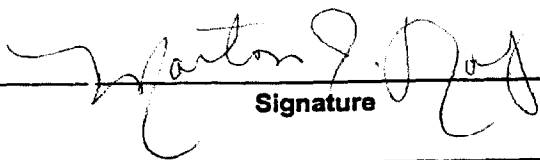
Deposit Account (Enter for payment by deposit account or if additional fees can be charged to the account.)

Deposit Account Number: #

Authorization to charge additional fees: Yes No

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. Charges to deposit account are authorized, as indicated herein.

Morton J. Rosenberg 

Name of Person Signing Signature Date

RECORDATION FORM COVER SHEET
CONTINUATION
PATENTS ONLY

PTO
10/16/02
05/17/02

Conveying Party(ies)

Mark if additional names of conveying parties attached

Enter additional Conveying Parties

Name (line 1) SHOU-WEI HUANG

Execution Date
Month Day Year

5/1/2002

Name (line 2)

Execution Date
Month Day Year

Name (line 1) SHYI-SHUH PAN

5/1/2002

Name (line 2)

Execution Date
Month Day Year

Name (line 1) YING-TZOO CHEN

5/1/2002

Name (line 2)

Receiving Party(ies)

Mark if additional names of receiving parties attached

Enter additional Receiving Party(ies)

Name (line 1)

If document to be recorded is an assignment and the receiving party is not domiciled in the United States, an appointment of a domestic representative is attached. (Designation must be a separate document from Assignment.)

Name (line 2)

Address (line 1)

Address (line 2)

Address (line 3)

City

State/Country

Zip Code

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City

State/Country

Zip Code

Application Number(s) or Patent Number(s)

Mark if additional numbers attached

Enter either the Patent Application Number or the Patent Number (DO NOT ENTER BOTH numbers for the same property).

Patent Application Number(s)

Patent Number(s)

ASSIGNMENT DEED

This assignment agreement is applicable to an invention entitled (invention title) Method of utilizing fabrication process of floating gate spacer to build twin-bit MONOS/SONOS memory

This PATENT RIGHT 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 _____
- U.S. Patent No. _____, issued _____

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. Patent Application identified above.

The ASSIGNOR(S) referred to in this agreement is (or are):

- (Full name of sole or 1st inventor) Erh-Kun LAI
- (Address) No. 14, Lane 411, Youyuan N. Rd., Lungjing Shiang, Taichung, Taiwan 434, R.O.C.
- (Full name of 2nd joint inventor, if any) Chien-Hung LIU
- (Address) 1F, No. 8, Alley 20, Lane 156, Sec. 1, Kangning Rd., Taipei, Taiwan, R.O.C.
- (Full name of 3rd joint inventor, if any) Shou-Wei HUANG
- (Address) No. 40, Lane 187, Jungjeng Rd., Zhong Zheng Dist., Keelung, Taiwan, R.O.C.
- (Full name of 4th joint inventor) Shyi-Shuh PAN
- (Address) No. 251, Jianmin Rd., King Ya Dist., Kaohsiung, Taiwan, R.O.C.
- (Full name of 5th joint inventor, if any) Ying-Tzoo CHEN
- (Address) No. 21, Heshing Rd., Ling Ya Dist., Tianliu Shiang, Kaohsiung, Taiwan, R.O.C.
- (Full name of 6th joint inventor, if any) _____
- (Address) _____

The First ASSIGNEE referred to in this agreement is :

- (Name of Assignee) MACRONIX INTERNATIONAL CO., LTD.
- (Address) No. 16, Li-Hsin Rd., Science-Based Industrial Park, Hsinchu, Taiwan, R.O.C.

The Second ASSIGNEE referred to in this agreement is :

- (Name of Assignee) _____
- (Address) _____

The Third ASSIGNEE referred to in this agreement is :

- (Name of Assignee) _____
- (Address) _____

The First ASSIGNEE is :

- (Check one) an individual
- a partnership
- a Corporation of Taiwan, R.O.C. (State or Country)

The Second ASSIGNEE is :

- (Check one) an individual
- a partnership
- a Corporation of _____ (State or Country)

The Third ASSIGNEE is :

- (Check one) an individual
- a partnership
- a Corporation of _____ (State or Country)

The ASSIGNOR(S), in consideration of \$1.00 paid by the ASSIGNEE, and other good and valuable consideration, receipt of which is acknowledged, have and do hereby assign the following to each ASSIGNEE; their successors and assigns:

- the full and exclusive right to the invention;
- an equal interest in and to the entire right, title and interest in and to the PATENT RIGHTS; and the right to claim priority under 35 U.S.C. 119, based on any earlier foreign applications for this invention.

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 Trademarks to issue all Letters Patent to the ASSIGNEE(S) as the ASSIGNEE(S) of an equal interest in the entire right, title and interest, for the sole use and enjoyment of said ASSIGNEE(S), their successors and assigns.

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

cont'd...

Erh-Kun Lai

ERH-KUN LAI (LAI
IS FAMILY NAME)

5/1/2002

(Signature of sole or 1st inventor)

(Date)

Chien-Hung Liu

CHIEN-HUNG LIU
(LIU IS FAMILY NAME)

5/1/2002

(Signature of 2nd inventor, if any)

(Date)

Shou-Wei Huang

SHOU-WEI HUANG
(HUANG IS FAMILY NAME)

5/1/2002

(Signature of 3rd inventor, if any)

(Date)

SHYI-SHUH PAN

SHYI-SHUH PAN (PAN
IS FAMILY NAME)

5/1/2002

(Signature of 4th joint inventor)

(Date)

YING TZOO CHEN

YING-TZOO CHEN
(CHEN IS FAMILY
NAME)

5/1/2002

(Signature of 5th inventor, if any)

(Date)

(Signature of 6th inventor, if any)

(Date)