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1. Name of conveying party(ies):
   1. Chih Chieh Yeh; 2. Wen Jer Tsai; 3. Tao Cheng Lu

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

3. Nature of conveyance:
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Execution Date: 26/03/02

4. Application number(s) or patent number(s):
   If this document is being filed together with a new application, the execution date of the application is: 26/03/02
   A. Patent Application No.(s)

   Additional numbers attached? ☐ Yes ☑ No

   B. Patent No.(s)

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5. Name and address of party to whom correspondence concerning document should be mailed:
   Name: Robert H. Chen
   Internal Address:

   Street Address: c/o Baker & McKenzie
   29th Floor 805 Third Avenue
   City: New York State: NY Zip: 10022

6. Total number of applications and patents involved: 1

7. Total fee (37 CFR 3.41) $40.00
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8. Deposit account number:

9. Signature.
   Ya-Chiao Chang (Reg. No. 43,407)
   Name of Person Signing
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   Date 3-26-2002

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PATENT
REEL: 012756 FRAME: 0109
ASSIGNMENT

In return for good and valuable consideration paid to the undersigned inventor(s) (hereafter called the "ASSIGNOR"), by:

Macronix International Co., Ltd.

No. 16 Li-Hsin Road

Science-Based Industrial Park

Hsinchu 300, TAIWAN, R.O.C.

(hereinafter ASSIGNEE), the receipt of which is hereby acknowledged, the undersigned ASSIGNOR(s) hereby sells, assigns and transfers to ASSIGNEE his entire right, title and interest to the invention entitled:

Nonvolatile Semiconductor Memory Cell With Electron-Trapping

Erase State and Methods for Operating The Same

for which application for Letters Patent of the United States was executed on even date herewith unless indicated otherwise below

*Filed On __________________________ Serial No. __________________________

and all Letters Patent of the United States to be obtained therefor on said application or any continuation, divisional, substitute, reissue or reexamination thereof for the full term or terms for which the same may be granted.

The ASSIGNOR(s) agrees to execute all papers necessary in connection with the application and any continuation, divisional, substitute, reissue or reexamination applications thereof or corresponding foreign applications, and also to execute separate assignments in connection with such applications as the ASSIGNEE may deem necessary or expedient and perform any act which may be necessary in connection with claims or provisions of the International Convention for Protection of Industrial Property or similar agreements.

The ASSIGNOR(s) agrees to execute all papers necessary in connection with any interference, litigation, or other legal proceeding, which may be declared concerning this application or any continuation, divisional, substitute, reissue or reexamination thereof, or corresponding foreign applications, and also to cooperate with the ASSIGNEE in every way possible in obtaining evidence and going forward with such interference, litigation, or other legal proceeding.

The ASSGNORS(s) agrees to perform all affirmative acts which may be necessary to obtain a grant of valid United States or foreign patents to the Assignee.

The ASSIGNOR(s) hereby authorizes and requests the Commissioner of Patents and the authorities of foreign country to issue any and all Letters Patents resulting from said application or any continuation, divisional, substitute, reissue or reexamination applications thereof, or foreign applications, to the said ASSIGNEE, as assignee of the entire interest, and hereby covenants that it has full right to convey the entire interest herein assigned, and that they have not executed and will not execute, any agreement in conflict herewith.
The ASSIGNOR(s) hereby agrees that this Assignment is binding on the heirs, assigns, representatives and successors of the ASSIGNOR(s) and extends to the successors, assigns and nominees of the ASSIGNEE.

The ASSIGNOR(s) hereby grant JAMES D. JACOBS, Reg. No. 24,299; DAVID I. ROCHE, Reg. No. 30,767; JOHN G. FLAIM, Reg. No. 37,323; ROBERT H. CHEN, Reg. No. 33,847; YA-CHIAO CHANG, Reg. No. 43,407; ANNA Y. TSANG, Reg. No. 48,003; EUNHEE PARK, Reg. No. 42,976; FRANK M. GASPARO, Reg. No. 44,700, the power to insert on this assignment any further identification which may be necessary or desirable in order to comply with the rules of the United States Patent and Trademark Office for recording of this document.

WITNESS my hand at Hsinchu, Taiwan R.O.C., this 26th day of March, 2002.

Chih Chieh Yeh
Chih Chieh Yeh

WITNESS my hand at Hsinchu, Taiwan R.O.C., this 26th day of March, 2002.

Wen Jer Tsai
Wen Jer Tsai

WITNESS my hand at Hsinchu, Taiwan R.O.C., this 26th day of March, 2002.

Tao Cheng Lu
Tao Cheng Lu