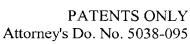
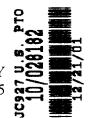
01-07-2002



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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE David GenLong Chow Serial No.: Not yet known Filed: (Filed herewith) For: FERROELECTRIC MEMORY DEVICE AND METHOD OF READING A FERROELECTRIC MEMORY **BOX ASSIGNMENTS** Commissioner of Patents and Trademarks Washington, DC 20231 Please record the attached original document or copy thereof and return the recorded instrument to the undersigned. Name of parties conveying an interest: David GenLong Chow 1. Name and address of party 2. Intel Corporation (a Delaware corporation) receiving an interest: 2200 Mission College Blvd. 12/31/2001 HDEMESS1 00000033 10028182 P.O. Box 58119 40.00 OP 01 FC:581 Santa Clara, California 95052-8119 Description of the interest conveyed: 3. X Assignment _ Change of Name _ Security Agreement _ Merger Other: December 20, 2001 Date of execution of attached document: Application number(s) or patent number(s). Additional sheet attached? 4. Yes ___ No ___ If this document is being filed together with a new application, the execution date of the application is: December 20, 2001

B. Patent No.

A. Patent Application No.

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

Walter D. Fields MARGER JOHNSON & McCOLLOM, P.C. 1030 S.W. Morrison Street Portland, Oregon 97205 Telephone: (503) 222-3613

- 6. Number of applications and patents involved: one
- 7. PTO Form 2038 authorizing credit card payment of the assignment recordal fee (\$40.00) is enclosed.
- 8. Any deficiency or overpayment should be charged or credited to deposit account number 13-1703.
- 9. 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.

Dated: December 21, 2001

Respectfully submitted,

MARGER JOHNSON & McCOLLOM, P.C.

Walter D. Fields

Registration No. 37,130

Total number of pages comprising cover sheet and attached assignment: 4

ASSIGNMENT

Assignor:

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Assignee:

Intel Corporation (a Delaware corporation)

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Title of

Invention:

FERROELECTRIC MEMORY DEVICE AND METHOD

OF READING A FERROELECTRIC MEMORY

U.S. Patent Application:

Application Serial No.:

Not yet known

Filing Date:

Filed herewith

U.S. Patent No.:

Issued:

For good and valuable consideration, the receipt of which is hereby acknowledged, the above-named Assignor hereby sells, assigns and transfers to Assignee, the full and exclusive right, title and interest in and to the above-identified invention, patent application and patent rights throughout the world, including foreign patent priority rights; said invention, application and letters patent in this or any foreign country, and all divisions, continuations, reissues and extensions thereof, to be held and enjoyed by Assignee, for its own use and benefit, and for its successors and assigns to the full end of the term for which letters patent may be granted in this or any foreign country, as fully and entirely as the same would have been held by Assignor had this assignment and sale not been made, and covenant that Assignor has full right so to do, and agree that Assignor will communicate to Assignee, or its successors and assigns, any facts known to Assignor respecting said invention, and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuing and reissue applications, make all rightful oaths, and do everything possible to aid Assignee, its successors and assigns to obtain and enforce proper patent protection for said invention in this or any foreign country.

In the event that the patent application filing date or serial number is not known at the time this document is executed, Assignor hereby grants permission to the attorneys of record in the patent application to fill in the filing date and/or serial number above, and to record this assignment after such information is added.

Executed at Santa Clara California, this 2 0 day of occurrent, 2001.

David G. Chow

Assignor

RECORDED: 12/21/2001