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PATENTS ONE.

Form PTO-1595 (Rev. 03/01) RI
OMB No. 0651-0027 (exp. 5/31/2002)

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22278 U.S. PTO
10/941505
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To the Honorable Commissioner of Patents and Trademarks: Please record the attached original documents or copy thereof

<p>1. Name of conveying party(ies): Fujio MASUOKA (08/27/2004), Hiroshi SAKURABA (08/27/2004), Fumiyoishi MATSUOKA (08/27/2004) Syounosuke UENO (08/27/2004), Ryusuke MATSUYAMA (08/27/04), Shinji HORII (08/27/04), and Takuji TANIGAMI 08/27/04)</p> <p>Additional name(s) of conveying party(ies) attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</p>	<p>2. Name and address of receiving party(ies) Name: <u>Fujio MASUOKA</u> Internal Address: _____ Street Address: _____ 2-33-18, Higashikatsuyama, Aoba-ku City: <u>Sendai-shi, Miyagi</u> Country: <u>Japan</u> Zip: <u>981-0923</u> Additional name(s) & address(es) attached: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No</p>
<p>3. Nature of Conveyance: <input checked="" type="checkbox"/> Assignment <input type="checkbox"/> Merger <input type="checkbox"/> Security Agreement <input type="checkbox"/> Change of Name <input type="checkbox"/> Other _____ Execution Date: <u>see Box 1, conveying parties</u></p>	
<p>4. Application number(s) or patent number(s): <u>101941505</u> If this document is being filed together with a new application, the execution date of the new application is: <u>August 27, 2004</u> A. Patent Application No.(s): This application B. Patent No.(s): Additional numbers attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</p>	
<p>5. Name and address of party to whom correspondence concerning document should be mailed: Name: <u>Douglas G. Hodder</u> <u>MORRISON & FOERSTER LLP</u> Internal Address: <u>Atty. Dkt.: 259052005900</u> Street Address: <u>755 Page Mill Road</u> City: <u>Palo Alto</u> State: <u>CA</u> Zip: <u>94304</u></p>	<p>6. Total number of applications and patents involved: <u>1</u> 7. Total fee (37 CFR 3.41) \$ <u>40.00</u> <input type="checkbox"/> Enclosed <input checked="" type="checkbox"/> Authorized to be charged to deposit account <input type="checkbox"/> Authorized to be charged to credit card (Form 2038 enclosed) 8. Deposit account number: <u>03-1952</u> (Attach duplicate copy of this page if paying by deposit account)</p>
<p style="text-align: center;">DO NOT USE THIS SPACE</p>	
<p>9. Statement and signature. <i>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.</i> <u>Douglas G. Hodder - 41,840</u>  <u>September 14, 2004</u> Name of Person Signing Signature Date Total number of pages including cover sheet, attachments, and documents: <u>4</u></p>	

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RECORDATION FORM COVER SHEET
(continued)

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Additional Conveying Party(ies) (1. Continued):

Additional Assignees (2. Continued):

Assignee Name: SHARP KABUSHIKI KAISHA

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Street Address: 22-22, Nagaike-cho, Abeno-ku

City: Osaka-shi, Osaka Country: Japan Zip Code: 545-8522

Assignee Name: _____

Internal Address:

Street Address:

City: _____ State: _____ Zip Code: _____

Assignee Name: _____

Internal Address:

Street Address:

City: _____ State: _____ Zip Code: _____

Additional Applications and/or Patents (4. Continued):

Additional Patent Application Numbers
4A. Continued:

Additional Patent Numbers
4B. Continued:

Additional numbers attached? Yes No

ATTORNEY DOCKET NO.

ASSIGNMENT

Application No. _____ Filed _____

Insert Name(s) of Inventor(s) → WHEREAS, Fujio MASUOKA, Hiroshi SAKURABA, Fumiyoshi MATSUOKA,
Syounosuke UENO, Ryusuke MATSUYAMA, Shinji HORII and Takuji TANIGAMI

(hereinafter designated as the undersigned) has (have) invented certain new and useful improvements in _____

Insert Title of Invention → MEMORY CELL UNIT, NONVOLATILE SEMICONDUCTOR STORAGE DEVICE INCLUDING MEMORY
CELL UNIT, AND MEMORY CELL ARRAY DRIVING METHOD
for which an application for Letters Patent of the United States of America has been executed by the undersigned

Insert Date of Signing of Application → on _____ ; and

Insert Name of Assignee → WHEREAS, (1) Fujio MASUOKA
(2) SHARP KABUSHIKI KAISHA

Insert Address of Assignee → of (1) 2-33-18, Higashikatsuyama, Aoba-ku, Sendai-shi, Miyagi 981-0923 Japan
(2) 22-22, Nagaike-cho, Abeno-ku, Osaka-shi, Osaka 545-8522 Japan

its heirs, successors, legal representatives and assigns (hereinafter designated as the Assignee) is desirous of acquiring the entire right, title and interest in and to said invention and in and to any Letters Patent(s) that may be granted therefor in the United States of America and

CHECK BOX IF APPROPRIATE → in any and all foreign countries.

NOW, THEREFORE, in consideration of the sum of Ten Dollars (\$10.00) to the undersigned in hand paid, the receipt of which is hereby acknowledged, and other good and valuable consideration, the undersigned has (have) sold, assigned and transferred, and by these presents does sell, assigned and transfer unto said Assignee the fill and exclusive right to the said invention in the United Sates of America, its territories, dependencies and possessions and the entire right, title and interest in and to any and all Letters Patent(s) which may be granted therefor in the United States of America, its territories, dependencies and possessions, and if the box above is designated, in any and all foreign countries;

and to any and all divisions, reissues, continuations and extensions thereof for the full term or terms for which the same may be granted.

The undersigned agree(s) to execute all papers necessary in connection with this application and any continuing, divisional or reissue applications thereof and also to execute separate assignments in connection with such applications as the Assignee may deem necessary or expedient.

The undersigned agree(s) to execute all papers necessary in connection with any interference which may be declared concerning this application or continuation, division or reissue thereof or Letters Patent(s) or reissue patent issue thereon and to cooperate with the Assignee in every way possible in obtaining and producing evidence and proceeding with such interference.

The undersigned agree(s) to execute all papers and documents and to perform any act which may be necessary in connection with claims or provisions of the International Convention for the Protection of Industrial Property or similar agreements.

The undersigned agree(s) to perform all affirmative acts which may be necessary to obtain a grant of a valid United States of America patent(s) or a grant of a valid United States of America and any foreign patent(s) to the Assignee and to vest all rights therein hereby conveyed to said Assignee as fully and entirely as the same would have been held by the undersigned if this Assignment and sale had not been made.

The undersigned hereby authorize(s) the request(s) the Patent and Trademark Office Officials in the United States of America and in any foreign countries to issue any and all Letters Patents resulting from said application or any continuing, divisional or reissue applications thereof to the said Assignee, as Assignee of the entire interest, and hereby covenants that he has (they have) the full right to convey the entire interest herein assigned, and that he has (they have) not executed, and will not execute, any agreement in conflict herewith.

The undersigned hereby grant(s) the law firm of Morrison & Foerster LLP 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 U.S. Patent and Trademark Office for recordation of this document.

The undersigned hereby covenant(s) that no assignment, sale, agreement or encumbrance has been or will be made or entered into which would conflict with this assignment.

Date August 27, 2004, Name of Inventor Fujio Masuoka
Fujio MASUOKA

Date August 27, 2004, Name of Inventor Hiroshi Sakuraba
Hiroshi SAKURABA

Date August 27, 2004, Name of Inventor Fumiyoshi Matsuoka
Fumiyoshi MATSUOKA

Date August 27, 2004, Name of Inventor Syounosuke Ueno
Syounosuke UENO

Date August 27, 2004, Name of Inventor Ryusuke Matsuyama
Ryusuke MATSUYAMA

Date August 27, 2004, Name of Inventor Shinji Horii
Shinji HORII

Date August 27, 2004, Name of Inventor Takuji Tanigami
Takuji TANIGAMI