
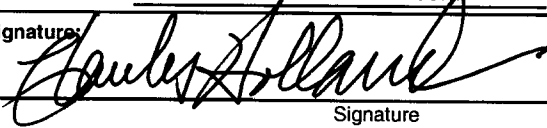


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U.S. DEPARTMENT OF COMMERCE  
United States Patent and Trademark Office

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<b>103087703</b>			
To the Director of the U.S. Patent and Trademark Office: Please record the attached documents or the new address(es) below.			
<b>1. Name of conveying party(ies):</b> Tomotoshi SATOH		<b>2. Name and address of receiving party(ies)</b> Name: <u>SHARP KABUSHIKI KAISHA</u> Internal Address: _____ Street Address: <u>22-22, Nagaike-cho, Abeno-ku</u> City: <u>Osaka-shi</u> State: <u>Osaka</u> Country: <u>JAPAN</u> Zip: <u>545-8522</u> Additional name(s) & address(es) attached: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
<b>3. Nature of conveyance/Execution Date(s):</b> Execution Date(s): <u>September 13, 2005</u> <input checked="" type="checkbox"/> Assignment <input type="checkbox"/> Merger <input type="checkbox"/> Change of Name <input type="checkbox"/> Security Agreement <input type="checkbox"/> Joint Research Agreement <input type="checkbox"/> Government Interest Assignment <input type="checkbox"/> Executive Order 9424, Confirmatory License <input type="checkbox"/> Other _____			
<b>4. Application or patent number(s):</b> A. Patent Application No.(s) _____ Additional numbers attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		<input checked="" type="checkbox"/> This document is being filed together with a new application. B. Patent No.(s) _____ <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
<b>5. Name and address to whom correspondence concerning document should be mailed:</b> Name: <u>Charles D. Holland</u> <u>MORRISON &amp; FOERSTER LLP</u> Internal Address: <u>Atty. Dkt.: 275412003600</u> Street Address: <u>755 Page Mill Road</u> City: <u>Palo Alto</u> State: <u>CA</u> Zip: <u>94304-1018</u> Phone Number: <u>(650) 813-5832</u> Fax Number: <u>(650) 494-0792</u> Email Address: <u>CHolland@mofo.com</u>		<b>6. Total number of applications and patents involved:</b> <u>1</u> <b>7. Total fee (37 CFR 1.21(h) &amp; 3.41)</b> \$ <u>40.00</u> <input type="checkbox"/> Authorized to be charged by credit card <input checked="" type="checkbox"/> Authorized to be charged to deposit account <input type="checkbox"/> Enclosed <input type="checkbox"/> None required (government interest not affecting title) <b>8. Payment Information</b> a. Credit Card Last 4 Numbers _____ Expiration Date _____ b. Deposit Account Number <u>03-1952</u> Authorized User Name <u>Charles D. Holland</u>	
<b>9. Signature:</b>  Signature <u>Charles D. Holland - 35,196</u> Name of Person Signing		September 14, 2005 Date Total number of pages including cover sheet, attachments, and documents: <u>3</u>	

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PATENT  
REEL: 017002 FRAME: 0082

62248 / 05R00776 / US 1/2

**ASSIGNMENT**

WHEREAS, the Assignor, comprising the following named inventor(s)

1. Tomotoshi SATOH

2.

3.

4.

5.

has invented and owns a certain invention entitled

MEMORY DEVICE

for which application for Letters Patent of the United States

☒ was executed on even date herewith, and

☐ was filed on \_\_\_\_\_ as U.S. Application Serial No. \_\_\_\_\_, and

WHEREAS, the Assignee:

SHARP KABUSHIKI KAISHA

of 22-22, Nagaike-cho, Abeno-ku, Osaka-shi, Osaka 545-8522 Japan

is desirous of acquiring the entire interest in, to and under said invention and the United States Letters Patent to be obtained therefor;

NOW, THEREFORE, TO ALL WHOM IT MAY CONCERN: Be it known that in consideration of the payment by ASSIGNEE to ASSIGNOR of the sum corresponding to One Dollar (\$1.00), the receipt of which is hereby acknowledged, and for other good and valuable consideration, ASSIGNOR hereby sells, assigns and transfers to ASSIGNEE the full and exclusive right, title and interest to said invention and all Letters Patent of the United States to be obtained therefor on said application or any continuation, division, renewal, substitute or reissue thereof for the full term or terms for which the same may be granted.

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ASSIGNOR hereby covenants that no assignment sale agreement charge or other encumbrance has been or will be entered into which would conflict with this assignment and sale;

ASSIGNOR further covenants that ASSIGNEE will, upon its request, be provided promptly with all pertinent facts and documents relating to said application, said invention and said Letters Patent as may be known and accessible to ASSIGNOR and will testify as to the same in any interference or litigation related thereto and will promptly execute and deliver to ASSIGNEE or its legal representative any and all papers, instruments or affidavits required to apply for, obtain, maintain and enforce said application, said invention and said Letters Patent which may be necessary or desirable to carry out the purposes hereof.

IN WITNESS WHEREOF, the parties have hereunto set their hands and seal

this 13th day of September, 2005.

1. Tomotoshi SATOH Tomotoshi Satoh
2. \_\_\_\_\_
3. \_\_\_\_\_
4. \_\_\_\_\_
5. \_\_\_\_\_

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