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DEPARTMENT OF COMMERCE
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RECORDATION
PATENT

103443251

Docket No. XA-10843

To the Director of the U.S. Patent and Trademark Office: Please record the attached documents at the following address(es) below.

1. Name of conveying party(ies)/Execution Date(s):
ITOH, Kiyoo
TAKEMURA, Riichiro

Execution Date(s): August 16 and 20, 2007
Additional name(s) of conveying party(ies) attached? Yes No

2. Name and address of receiving party(ies)
Name: Hitachi, Ltd.
Address: 6-6, Marunouchi 1-chome
Chiyoda-ku

City: Tokyo
State: _____
Country: Japan Zip: 100-8280

Additional name(s) & address(es) attached? Yes No

3. Nature of conveyance:
 Assignment Merger
 Security Agreement Change of Name
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 Executive Order 9424, Confirmatory License
 Other _____

4. Application or patent number(s): This document is being filed together with a new application.
A. Patent Application No.(s)
11/768,824 filed June 26, 2007
B. Patent No.(s)

Additional numbers attached? Yes No

5. Name and address to whom correspondence concerning document should be mailed:
Name: Mitchell W. Shapiro
Registration No.: 31,568
Address: Miles & Stockbridge P.C.
1751 Pinnacle Drive
Suite 500
City: McLean
State: Virginia Zip: 22102
Phone Number: 703-610-8652
Fax Number: 703/610-8686
Email Address: mwshapiro@milesstockbridge.com

6. Total number of applications and patents involved: 1
7. Total fee (37 CFR 1.21(h) & 3.41) \$40.00
 Authorized to be charged to deposit account
 Enclosed - Any excess or insufficiency should be credited or debited to deposit account

8. Payment Information
a. Credit Card Last 4 Numbers _____
Expiration Date _____
b. Deposit Account Number 50-1165
Authorized User Name Mitchell W. Shapiro

9. Signature: Mitchell W. Shapiro
Mitchell W. Shapiro
Name of Person Signing

Date September 4, 2007
Total Number of pages including cover sheet, attachments, and documents: 2

Documents to be recorded (including cover sheet) should be faxed to (703) 306-5995, or mailed to:
Mail Stop Assignment Recordation Services, Director of the USPTO, P.O. Box 1450, Alexandria, VA 22313-1450

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PATENT
REEL: 019809 FRAME: 0537

ASSIGNMENT

(譲 渡 証)

As a below named inventor, I hereby declare that:

IN CONSIDERATION of the sum of One Dollar (\$1.00) or the equivalent thereof, and other good and valuable consideration paid to me citizen of Japan by HITACHI, LTD., a corporation organized under the laws of Japan, located at 6-6, Marunouchi 1-chome, Chiyoda-ku, Tokyo 100-8280, Japan, receipt of which is hereby acknowledged I do hereby sell and assign to said HITACHI, LTD., its successors and assigns, all my right, title and interest, in and for the United States of America, in and to

SEMICONDUCTOR DEVICE

invented by me (if only one is named below) or us (if plural inventors are named below) and described in the application for United States Letters Patent therefor, executed on even date herewith, and all United States Letters Patent which may be granted therefor, and all divisions, continuations and extensions thereof, the said interest being the entire ownership of the said Letters Patent when granted, to be held and enjoyed by said HITACHI, LTD., its successors, assigns or other legal representatives, to the full end of term for which said Letters Patent may be granted, as fully and entirely as the same would have been held and enjoyed by me or us if this assignment and sale had not been made;

And I hereby agree to sign and execute any further documents or instruments which may be necessary, lawful, and proper in the prosecution of the above-named application or in the preparation and prosecution of any continuing, continuation-in-part, substitute, divisional, renewal, reviewed or reissue applications or in any amendment, extension, or interference proceedings, or otherwise to secure the title thereto in said assignee;

And I do hereby authorize and request the Commissioner of Patents to issue said Letters Patent to said HITACHI, LTD.,

Signed on the date(s) indicated aside signatures:

INVENTOR(S)
(発明者フルネームサイン)

Date Signed
(署名日)

1) Kiyoo Itoh (Kiyoo ITOH)

8/16/2007

2) Riichiro Takemura (Riichiro TAKEMURA)

8/20/2007

3) _____

4) _____

5) _____

6) _____

7) _____

8) _____
