To the Director of the United States Patent and Trademark Office: Please record the attached original documents or copy thereof.

1. Name of conveying party(ies):
   - Tetsuya ISHIMARU
   - Takanori YAMAZOE

2. Name and address of receiving party(ies):
   - Name: Renesas Technology Corp.
   - Address: 4-1, Marunouchi 2-chome, Chiyoda-ku
   - City: Tokyo
   - Country: Japan

3. Nature of conveyance:
   - Assignment
   - Other

4. Application number(s) or patent numbers(s):
   - If this document is being filed together with a new application, the execution date of the application is: October 18 & 19, 2004

5. Name and address of party 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/Prov.: VA
   - Country: US

6. Total number of applications and patents involved: 1

7. Total fee (37 CFR 3.41): $40.00
   - Enclosed - Any excess or insufficiency should be credited or debited to deposit account
   - Authorized to be charged to deposit account

8. Deposit account number: 50-1165
   (Attach duplicate copy of this page if paying by deposit account)

   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.
   - Mitchell W. Shapiro
   - Name of Person Signing
   - December 3, 2004

Total number of pages including cover sheet, attachments, and
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Director of the United States Patent and Trademark Office
P.O. Box 1450, Alexandria, VA 22313-1450

PATENT
REEL: 016051 FRAME: 0863
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 Renesas Technology Corp.
a corporation organized under the laws of Japan,
located at 4-1, Marunouchi 2-chome, Chiyoda-ku, Tokyo, Japan
receipt of which is hereby acknowledged I do hereby sell and assign to said Renesas Technology Corp.
its successors and assigns, all my right, title and interest, in and for the United States of America, in and to

NONVOLATILE SEMICONDUCTOR MEMORY 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 Renesas Technology Corp.
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 Renesas Technology Corp.

Signed on the date(s) indicated aside our signatures:

INVENTOR(S)
(発明者フルネームサイン)

1) Tetsuya Ishimaru
   10/18/2004

2) Takanori Yamazoe
   10/19/2004

3)

4)

5)

6)

7)

8)

9)

10)

Date Signed
(署名日)

RECORDED: 12/03/2004

PATENT
REEL: 016051 FRAME: 0864