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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):

Hideyuki MATSUOKA
Kenchi ITO
Takeshi SAKATA
Kiyoo ITOH

11-19-03

Additional names(s) of conveying party(ies) Yes No

2. Name and address of receiving party(ies):

Name: Renesas Technology Corp.

Address: 4-1, Marunouchi 2-chome

Chiyoda-ku

City: Tokyo

State/Prov.: _____

Country: Japan

ZIP: _____

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

16834 U.S. PTO
10/7/15448
11-903

3. Nature of conveyance:

- Assignment Merger
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Execution Date: 10/6, 6, 7, and 7/2003

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: 10/6, 6, 7, 7/2003

Patent Application No. Filing date

B. Patent No.(s)

11/21/2003 EHAILE1 00000102 10715448

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Additional numbers Yes No

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: United States ZIP: 22102

6. Total number of applications and patents involved:

1

7. Total fee (37 CFR 3.41):.....\$ 40.00

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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

Signature

November 19, 2003

Date

2

Total number of pages including cover sheet, attachments, and

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

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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)

Date Signed
(署名日)

1) <u>Hideyuki Matsuo</u>	<u>10/6/2003</u>
2) <u>Kenichi Ito</u>	<u>10/6/2003</u>
3) <u>Takeshi Sakata</u>	<u>10/7/2003</u>
4) <u>Kiyoko Itoh</u>	<u>10/7/2003</u>
5) _____	_____
6) _____	_____
7) _____	_____
8) _____	_____
9) _____	_____
10) _____	_____