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To the Honorable Commissioner of Patents and Trademarks: Please record the attached original documents or copy thereof.

1. Name of Conveying Party(ies):
Hitachi, Ltd.
Mitsubishi Electric Corporation

2. Name and address of receiving party(ies)
Name: **Renesas Technology Corp.**
Address: **2-4-1, Marunouchi, Chiyoda-ku**
Tokyo 100-6334
JAPAN

Additional name(s) of conveying party(ies) attached?

☐ Yes ☒ No

3. Nature of Conveyance:

☒ Assignment ☐ Merger
☐ Security Agreement ☐ Change of Name
☐ Other: _____

Execution Date: **June 30, 2005**

Additional name(s) and address(es) attached?

☐ Yes ☒ No

4. Application number(s) or patent number(s): _____

This document is being filed with a new application, the execution date of the application is:

A. Patent Application No(s).
10/348,896

B. Patent No(s).

Additional numbers attached? ☐ Yes ☒ No

5. Name and address of party to whom correspondence concerning document should be mailed:

Customer No.: 00466
YOUNG & THOMPSON
Second Floor
745 South 23rd Street
Arlington, VA 22202
Phone: 703-521-2297
Fax: 703-685-0573

6. Total number of applications and patents involved:
1

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

☐ Enclosed

☒ Authorized to be charged to deposit account

8. Deposit Account No. **25-0120**

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9. Statement and signature.

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.

Benoit Castel

Name of Person Signing

Benoit Castel
Signature

July 13, 2005

Date

Total number of pages including cover sheet, attachments, and documents: **2**

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I hereby certify that this correspondence is being facsimile transmitted to the United States Patent and Trademark Office on July 13, 2005.

Trisha Wright
Trisha Wright

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8040-1043

ASSIGNMENT

WHEREAS, we Hitachi, Ltd. and Mitsubishi Electric Corporation (hereinafter "assignors") own all rights, title and interest, by virtue of an assignment recorded on May 20, 2003, on Reel 013671, frame 0468, in and to United States Patent Application Serial No. 10/348,896, filed January 23, 2003;

AND WHEREAS, Renesas Technology Corp., (hereinafter "assignee") located and doing business at 2-4-1, Marunouchi, Chiyoda-ku, Tokyo 100-6334, Japan, is desirous of acquiring all of the assignors' interest therein;

NOW THEREFORE, be it known by all whom it may concern, that for and in consideration of good and valuable consideration to assignors in hand paid, the receipt of which is hereby acknowledged, the assignors have assigned, sold, and set over, and by these presents do hereby assign, sell and set over unto the said assignee their full rights to the said invention in the United States and their entire right, title and interest in and to any and all patents which may be granted therefor in the United States, for its sole use and behoof, and for the use and behoof of its legal representatives, to the full end of the term for which said patents may be granted, as fully and entirely as the same would have been held by the assignors had this assignment and sale not been made.

The assignors hereby authorize and request the Commissioner of Patents and Trademarks to issue said United States patents to said assignee.

Hitachi, Ltd.

By 

Yasuo SAKUTA, Patent Attorney

Title Executive Officer,Intellectual Property Group
(Authorized Signing Officer)Date June 30, 2005

Mitsubishi Electric Corporation

By 

Fumio OKUSA

Title Executive Vice PresidentDate June 30, 2005**PATENT****REEL: 016518 FRAME: 0334**

US pending applications

Assignment

Whereas, Semiconductor Leading Edge Technologies, Inc., a Japanese corporation, having a place of business at 16-1 Onogawa, Tsukuba-shi, Ibaraki-ken, Japan, hereinafter called Assignor, is the owner and assignee of record of the pending applications listed on the attached Schedule A; and

Whereas, NEC Electronics Corporation, a Japanese corporation, having a place of business at 1753 Shimonumabe, Nakahara-ku, Kawasaki, Kanagawa, Japan, hereinafter called Assignee, desires to acquire the Assignor's entire right, title, and interest in said applications listed on the attached Schedule A;

Now therefore, for valuable consideration, receipt whereof is hereby acknowledged; Assignor hereby sells, assigns and transfers to Assignee, its successors and assigns, its entire right, title and interest including rights to recover for past infringement in the applications listed on the attached Schedule A, including continuations, divisions and reissues thereof;

IN WITNESS WHEREOF, Assignor has executed this Assignment by proper persons duly authorized.

Date: June 16, 2005

Semiconductor Leading Edge
Technologies, Inc.

Hironori Sakurai

Name: Hironori Sakurai

Title: Director, General Manager,
Research Planning Promotion
Dept.

Schedule A.

US Patent Applications

Serial No.	Filing Date (Y/M/D)
10/979326	2004/11/3
11/015016	2004/12/20
11/055633	2005/2/11