

11-04-2005

FR SHEET

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



CORRECTED

103113422

Attorney's Docket No. 030682-131

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):

Toshiyuki SADAKANE
Ken SAITO
Yoshio INOUE



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

Name: Renesas Technology Corp.

Address:

4-1, Marunouchi 2-chome
Chiyoda-ku, Tokyo
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: March 30, 2005

Additional name(s) & addresses attached? Yes No

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

If this document is being filed together with a new application, the execution date of the application is: _____

A. Patent Application No.(s)
11/111,720

B. Patent No.(s)

Additional numbers attached? Yes No

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

Name: James A. LaBarre
Address:

Buchanan Ingersoll PC
Including attorneys from Burns, Doane, Swecker & Mathis
Customer Number 2 1 8 3 9
P.O. Box 1404
Alexandria, VA 22313-1404

6. Total number of applications and patents involved:

7. Total fee (37 CFR 3.41).....\$ _____

- Enclosed
- Authorized to be charged to deposit account
- Credit card. Form PTO-2038 is attached.

8. Deposit account number:

02-4800

(Attach duplicate copy of this page if paying by deposit account.)

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.

James A. LaBarre
Name of Person Signing

28,632
Reg. No.

Signature

October 31, 2005
Date

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

Mail documents to be recorded with required cover sheet information to:
Director of the United States Patent and Trademark Office / Mail Stop Assignment Recordation Services
P.O. Box 1450 / Alexandria, VA 22313-1450

11/01/2005 SZEWDIE1 00000118 11111720

01 FC:8021

40.00 DP

ASSIGNMENT

THIS ASSIGNMENT, by:

Toshiyuki SADAKANE, Ken SAITO and Yoshio INOUE, all of
c/o Renesas Technology Corp., 4-1, Marunouchi 2-chome, Chiyoda-ku,
TOKYO JAPAN

(hereinafter referred to as "the Assignor(s)"), respectively, witnesseth:

WHEREAS, the Assignor(s) has(have) invented certain new and useful improvements in:
ROUTING ANALYSIS METHOD, LOGIC SYNTHESIS METHOD AND CIRCUIT PARTITIONING

METHOD FOR INTEGRATED CIRCUIT, set forth in an
application for Letters Patent of the United States, [] which is a provisional application to
be filed herewith; [X] which is a non-provisional application having an oath or declaration
executed on even date herewith prior to filing of application; [] bearing Application
No. 11/111,720, and filed on April 22, 2005; and

WHEREAS, Renesas Technology Corp.
a corporation duly organized under and pursuant to the laws of Japan and having its principal
place of business at: 4-1, Marunouchi 2-chome, Chiyoda-ku, TOKYO JAPAN

(hereinafter referred to as "the
Assignee"), is desirous of acquiring the entire right, title, and interest in and to said
inventions, the right to file applications on said inventions and the entire right, title and
interest in and to any applications, including provisional applications for Letters Patent of the
United States or other countries claiming priority to said application, and in and to any Letters
Patent or Patents, United States or foreign, to be obtained therefor and thereon.

NOW, THEREFORE, in consideration of One Dollar (\$1.00) and other good and sufficient
consideration, the receipt of which is hereby acknowledged, the Assignor(s) has(have) sold,
assigned, transferred, and set over, and by these presents does(do) sell, assign, transfer, and
set over, unto the Assignee, its successors, legal representatives, and assigns the entire right,
title, and interest in and to the above-mentioned inventions, the right to file applications on
said inventions and the entire right, title and interest in and to any applications for Letters
Patent of the United States or other countries claiming priority to said applications, and any
and all Letters Patent or Patents of the United States of America and all foreign countries that
may be granted therefor and thereon, and in and to any and all applications claiming priority to
said applications, divisions, continuations, and continuations-in-part of said applications, and
reissues and extensions of said Letters Patent or Patents, and all rights under the International
Convention for the Protection of Industrial Property, the same to be held and enjoyed by the
Assignee, for its own use and behalf and the use and behalf of its successors, legal
representatives, and assigns, to the full end of the term or terms for which Letters Patent or
Patents may be granted as fully and entirely as the same would have been held and enjoyed by the
Assignor(s) had this sale and assignment not been made;

AND for the same consideration, the Assignor(s) hereby covenant(s) and agree(s) to and with the Assignee, its successors, legal representatives, and assigns, that, at the time of execution and delivery of these presents, the Assignor(s) is(are) the sole and lawful owner(s) of the entire right, title, and interest in and to the inventions set forth in said applications and said applications, including provisional applications, above-mentioned, and that the same are unencumbered, and that the Assignor(s) has(have) good and full right and lawful authority to sell and convey the same in the manner herein set forth;

AND for the same consideration, the Assignor(s) hereby covenant(s) and agree(s) to and with the Assignee, its successors, legal representatives, and assigns that the Assignor(s) will, whenever counsel of the Assignee, or the counsel of its successors, legal representatives, and assigns, shall advise that any proceeding in connection with said inventions or said applications for Letters Patent or Patents, or any proceeding in connection with Letters Patent or Patents for said inventions in any country, including interference proceedings, is lawful and desirable, or that any application claiming priority to said application, division, continuation, or continuation-in-part of any applications for Letters Patent or Patents, or any reissue or extension of any Letters Patent or Patents to be obtained thereon, is lawful and desirable, sign all papers and documents, take all lawful oaths, and do all acts necessary or required to be done for the procurement, maintenance, enforcement, and defense of letters Patent or Patents for said inventions, without charge to the Assignee, its successors, legal representatives, and assigns, but at the cost and expense of the Assignee, its successors, legal representatives, and assigns;

AND the Assignor(s) hereby authorize(s) and request(s) the attorneys of BURNS, DOANE, SWECKER & MATHIS, L.L.P. of Alexandria, Virginia, to insert in the spaces provided above the filing date, application number, and attorney docket number of said application when known.

AND the Assignor(s) hereby request(s) the Commissioner of Patents to issue any and all said Letters Patent of the United States to the Assignee, as the Assignee of said inventions and the Letters Patent to be issued for the sole use and behalf of the Assignee, its successors, legal representatives, and assigns.

Date March 30, 2005 Name of Assignor Toshiyuki Sadakane
Toshiyuki SADAKANE

Date March 30, 2005 Name of Assignor Ken Saito
Ken SAITO

Date March 30, 2005 Name of Assignor Yoshio Inoue
Yoshio INOUE

Date _____ Name of Assignor _____

Date _____ Name of Assignor _____

Date _____ Name of Assignor _____

Date _____ Name of Assignor _____

Date _____ Name of Assignor _____