

Substitute for Form PTO-1595

**RECORDATION FORM COVER SHEET
PATENTS ONLY**U.S. DEPARTMENT OF COMMERCE
U.S. Patent and Trademark Office**Attorney's Docket No. 1032674-000145**

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):

Mitsubishi Electric and Electronics U.S.A., Inc.

Additional name(s) of conveying party(ies) attached? ☐ Yes ☒ No**3. Nature of conveyance:**

- ☒ Assignment ☐ Merger
☐ Security Agreement ☐ Change of Name
☐ Other

Execution Date: January 12, 2006**2. Name and address of receiving party(ies):**

Name:

Renesas Technology America, Inc.

Address:

450 Holger Way
San Jose, CA 95134Additional 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)

10/044,616

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:

1

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

\$40.00 (8021)

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

8. Deposit account number:

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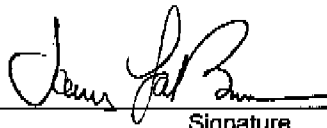
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9. Statement and Signature.

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.

James A. LaBarre
 Name of Person Signing

28,632
 Reg. No.


 Signature

2-1-06
 Date

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3

Mail documents to be recorded with required cover sheet information to:
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Attorney Docket No. 032674-145**ASSIGNMENT**

THIS ASSIGNMENT, by MITSUBISHI ELECTRIC AND ELECTRONICS U.S.A., INC., a corporation of Delaware and having its principal place of business at 5665 Plaza Drive Cypress, California 90630 (hereinafter referred to as "the Assignor"), witnesseth:

WHEREAS, the Assignor is the owner of certain new and useful improvements set forth in U.S. Patent Application No. 10/044,616, entitled METHODS AND APPARATUS FOR FEATURE RECOGNITION TIME SHIFT CORRELATION, by Assignment recorded in the U.S. Patent and Trademark Office on January 11, 2002 at Reel 012499 and Frame 0034; and

WHEREAS, RENESAS TECHNOLOGY AMERICA, INC., a corporation duly organized under and pursuant to the laws of Delaware and having its principal place of business at 450 Holger Way, San Jose, California 95134 (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, including extensions and revision thereof.

NOW, THEREFORE, for good and sufficient consideration, the receipt of which is hereby acknowledged, the Assignor has sold, assigned, transferred, and set over, and by these presents does 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 application, 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 behoof and the use and behoof 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 had this sale and assignment not been made;

AND for the same consideration, the Assignor hereby covenants and agrees to and with the Assignee, its successors, legal representatives, and assigns, that, at the time of execution and delivery of these presents, the Assignor is the sole and lawful owner 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 has good and full right and lawful authority to sell and convey the same in the manner herein set forth.

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AND for the same consideration, the Assignor hereby covenants and agrees to and with the Assignee, its successors, legal representatives, and assigns that the Assignor 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 hereby requests the Director of the United States Patent and Trademark Office 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 thereon for the sole use and behoof of the Assignee, its successors, legal representatives, and assigns.

Mitsubishi Electric and Electronics U.S.A., Inc.

Date: Jan 12, 2006

By: 

Title: Assistant Secretary