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Attorney Docket No. 8040-1042

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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): Mitsubishi Denki Kabushiki Kaisha Additional name(s) of conveying party(ies) attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	2. Name and address of receiving party(ies) Name: Renesas Technology Corp. Address: 2-4-1, Marunouchi Chiyoda-ku, Tokyo 100-6334 JAPAN							
3. Nature of Conveyance: <input checked="" type="checkbox"/> Assignment <input type="checkbox"/> Merger <input type="checkbox"/> Security Agreement <input type="checkbox"/> Change of Name <input type="checkbox"/> Other: _____ Execution Date: June 10, 2005	Additional name(s) and address(es) attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No							
4. Application number(s) or parent number(s): _____ This document is being filed with a new application, the execution date of the application is: <table style="width:100%; border: none;"> <tr> <td style="width: 50%; border-right: 1px solid black; vertical-align: top;"> A. Patent Application No(s). </td> <td style="width: 50%; vertical-align: top;"> B. Patent No(s). 6,583,514 </td> </tr> </table> <p style="text-align: center;">Additional numbers attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</p>			A. Patent Application No(s).	B. Patent No(s). 6,583,514				
A. Patent Application No(s).	B. Patent No(s). 6,583,514							
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: <u>1</u> 7. Total fee (37 CFR 3.41) \$40.00 <input type="checkbox"/> Enclosed <input checked="" type="checkbox"/> Authorized to be charged to deposit account 8. Deposit Account No. 25-0120 (Attach duplicate copy of this page if paying by deposit account)							
DO NOT USE THIS SPACE								
9. Statement and signature. <i>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.</i> <table style="width:100%; border: none;"> <tr> <td style="width: 30%; border-bottom: 1px solid black;"> Benoit Castel </td> <td style="width: 40%; text-align: center; border-bottom: 1px solid black;"> </td> <td style="width: 30%; border-bottom: 1px solid black;"> July 13, 2005 </td> </tr> <tr> <td>Name of Person Signing</td> <td style="text-align: center;">Signature</td> <td>Date</td> </tr> </table> <p style="text-align: center;">Total number of pages including cover sheet, attachments, and documents: <u>2</u></p>			Benoit Castel		July 13, 2005	Name of Person Signing	Signature	Date
Benoit Castel		July 13, 2005						
Name of Person Signing	Signature	Date						

CH \$40.00 250120 6583514

Certificate of Transmission

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

Trisha Wright

11/14/05
2000-304708

8040-1042

ASSIGNMENT

WHEREAS, **Mitsubishi Denki Kabushiki Kaisha** owns right, title and interest, by virtue of an assignment recorded on March 12, 2002, on Reel 012670, frame 0806, in and to United States Patent No. 6,583,514, issued June 24, 2003;

AND WHEREAS, **Renesas Technology Corp.**, located and doing business at 2-4-1, Marunouchi, Chiyoda-ku, Tokyo 100-6334, Japan, hereinafter referred to as "assignee", is desirous of acquiring all of **Mitsubishi Denki Kabushiki Kaisha's** interest therein;

NOW THEREFORE, in consideration of the sum of ten dollars (\$10.00), the receipt whereof is acknowledged, and other good and valuable consideration, the owner, by these presents does sell, assign and transfer unto said assignee the entire right, title and interest in and to the said Patent aforesaid; the same to be held and enjoyed by the said assignee for its own use and behoof, and for its legal representatives and assigns, to the full end of the term for which said Patent is granted, as fully and entirely as the same would have been held by the owner had this assignment and sale not been made.

Mitsubishi Denki Kabushiki Kaisha

By 
Fumio OKUSA
Title Executive Vice President

Date June 10, 2005