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B/O FORM PTO 1595 (1/31/92)
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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):

(1) Takashi OGAWA
 (2) Shinichiro TAKATANI
 (3) Shigeki KOYA
 (4) Hiroyuki TAKAZAWA
 (5) Shinya OSAKABE
 (6) Akishige NAKAJIMA and
 (7) Yasushi SHIGENO

Additional names of conveying parties attached: Yes No

2. Name and Address of Receiving Party(ies):

Name: **Renesas Technology Corp.**
 Address: 4-1, Marunouchi 2-chome, Chiyoda-ku
 City: Tokyo
 Japan

3. Nature of Conveyance:

Assignment Merger
 Security Agreement Change of Name
 Other:

Execution Dates: (1)(2)(7) November 10, 2005; (3) November 14, 2005; (4) November 17, 2005; and (5)(6) November 22, 2005

4. (a) Patent Application Number(s):

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

Additional Numbers Attached.

4. (b) Patent Numbers:

5. Name and Address of Party to whom Correspondence Concerning this Document Should be Mailed:

Name: **Juan Carlos A. Marquez**

Address: **STITES & HARBISON, PLLC
 1199 North Fairfax Street
 Suite 900
 Alexandria, VA 22314**

6. Total Number of Applications and Patents Involved:

7. Total Fee: **\$40.00**
 (37 C.F.R. § 3.41)

Payment by credit card. Form PTO-2038 is attached.
 Authorized to be charged to deposit account.

8. Deposit Account Number: **12-0555**

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9. Statement and Signature:

To the best of my knowledge and belief, the foregoing is true and correct and any attached copy is a true copy of the original document.

Douglas E Jackson FOR
 #28,518

Juan Carlos A. Marquez, Registration No. 34,072

July 29, 2010

Total number of pages comprising cover sheet: 1

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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

SWITCHING ELEMENT, ANTENNA SWITCH CIRCUIT AND RADIO FREQUENCY MODULE USING THE SAME

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>Takashi Ogawa</u>	<u>11 / 10 / 2005</u>
2) <u>Junichiro Tatehara</u>	<u>11 / 10 / 2005</u>
3) <u>Shigchi Koga</u>	<u>11 / 14 / 2005</u>
4) <u>Hiroguchi Takayawa</u>	<u>11 / 17 / 2005</u>
5) <u>Shinya Osakabe</u>	<u>11 / 22 / 2005</u>
6) <u>Akiyoshi Nakajima A.N. 11/22/2005 Shigchi Nakajima</u>	<u>11 / 22 / 2005</u>
7) <u>Yasuki Shigeno</u>	<u>11 / 10 / 2005</u>
8) _____	_____
9) _____	_____
10) _____	_____