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

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To the Director of the U.S. Patent and Trademark Office: Please	record the attached documents or the new address(es) below.
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Yoshikazu SUGIYAMA	Name:_Renesa Technology Corp.
	Internal Address:
Execution Date(s) June 15, 2004	Street Address: 4-1, Marunouchi 2-chome,
Additional name(s) of conveying party(ies) attached? X Yes No	Chiyoda-ku
3. Nature of conveyance:	City: Tokyo
Assignment Merger	
Security Agreement Change of Name	State:
Government Interest Assignment	
Executive Order 9424, Confirmatory License	Country: Japan Zip:
Other	Additional name(s) & address(es) attached? Yes No
4. Application or patent number(s):	document is being filed together with a new application.
A. Patent Application No.(s)	B. Patent No.(s)
10/874, <u>459</u>	
Additional numbers atta	ached? Yes No
5. Name and address to whom correspondence	6. Total number of applications and patents
concerning document should be mailed:	involved: 1
Name: Robert C. Colwell	7. Total fee (37 CFR 1.21(h) & 3.41) \$ 40.00
Internal Address:	Authorized to be charged by credit card
TOWNSEND AND TOWNSEND AND CREW LLP	Authorized to be charged to deposit account
Street Address: Two Embarcadero Center,	Enclosed
Eighth Floor	None required (government interest not affecting title)
City: San Francisco	8. Payment Information
State: California Zip: 94111-3834	a. Credit Card Last 4 numbers Expiration Date
Phone Number: (415) 576-0200	b. Deposit Account Number 20-1430
Fax Number: (415) 576-0300	Authorized User Name_Townsend and
Email Address: rcc@townsend.com	Townsend and Crew LLP
9. Signature: (est (estud	10/15/00
Nobert C. Colwell	l Date
	Total number of pages including cover

Documents to be recorded (including cover sheet) should be faxed to (703) 306-5995, or mailed to:
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PATENT REEL: 015920 FRAME: 0851 Form PTO-1595
 Recordation Form Cover Sheet Patents Only
 Page 2

 Additional name(s) of conveying party(ies): (Continued from Page 1)

Masaki NODA Makoto KATAGISHI Yutaka IGARASHI

- 2. Additional name(s) and address(es) of receiving party(ies): (Continued from Page 1)
- Additional application number(s) or patent number(s): (Continued from Page 1)
 - A. Patent Application No.(s)

B. Patent No.(s)

60331438 v1

PATENT REEL: 015920 FRAME: 0852 10/874,459

ASSIGNMENT (離渡証)

W1675-01 (米)

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

MULTIMODE WIRELESS TERMINAL AND WIRELESS TRANSMITTER-RECEIVER UNIT

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 <i>ン</i>)	Date Signed (署名日)
1) Yoshihazu Sugiyama	June 15, 2004
2) Jmasahi (hofo	June 15, 2004
3) Maleoto Katagishi	15 June, 2004
3) <u>Makoto Katagishi</u> 4) Yutaha Igazashi	15 June, 2004
5)	
6)	
7)	
8)	
9)	
10)	
Pahort C. Cohvell	, ∙ pate
Robert C. Colwell	Total number of pages including cover

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PATENT REEL: 015920 FRAME: 0853

sheet, attachments, and documents:

RECORDED: 10/20/2004

Name of Person Signing