

09-03-2004



FORM PTO-1595
(Rev. 10/02)

Docket No.: 50086-043

102829790
PATENT ONLY

U.S. DEPARTMENT OF COMMERCE
Patent and Trademark Office

To the Honorable Commissioner for Patents and Trademarks: Please record the attached original documents or copy thereto:

1. Name of Conveying Party(ies):
Kenichiro OHARA, Masashi OKI

8-27-04

Additional name(s) of conveying party(ies) attached? Yes No

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

Name: RENESAS TECHNOLOGY CORP.

Address: 4-1, Marunouchi 2-chome,
Chiyoda-ku,
Tokyo, Japan 100-6334

3. Nature of Conveyance:

- Assignment Merger
- Security Agreement Change of Name
- Other

Execution Date: August 25, 2004, August 25, 2004 (respectively)

Additional name(s) & address(es) attached? Yes No

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

If the document is being filed together with a new application, the execution date of the application is: August 25, 2004, August 25, 2004 (respectively)

A. Patent Application No(s).

B. Patent No(s).

Additional numbers attached? Yes No

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

Name: MCDERMOTT WILL & EMERY LLP

Internal Address:

Street Address: 600 13th Street, N.W.

City: Washington State: D. C. Zip: 20005-3096

6. Total number of applications and patents involved: 1

7. Total fee (37 CFR 3.41) \$40.00

- Enclosed
- Authorized to be charged to deposit account

8. Deposit account number:
500417

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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.

Keith E. George, 34,111

August 27, 2004

Name and Registration No. of Person Signing

Signature

Date

Total number of pages including cover sheet: 2

OMB No. 0651-0027 (exp. 6/30/2005)

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09/02/2004 MGETACHE 00000130 500417 10927124

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PATENT
REEL: 015743 FRAME: 0304

ASSIGNMENT

In consideration of the premises and other good and valuable consideration in hand paid, the receipt and sufficiency of which is hereby acknowledged, the undersigned,

- (1) Kenichiro OHARA residing at Tokyo, Japan (4) _____
- (2) Masashi OKI residing at Tokyo, Japan (5) _____
- (3) _____ (6) _____

who have made a certain new and useful invention, hereby sell, assign and transfer unto

Renesas Technology Corp. of 4-1, Marunouchi 2-chome, Chiyoda-ku, Tokyo
100-6334 Japan

its successors and assigns (hereinafter designated "ASSIGNEE") the entire right, title and interest for the United States of America as defined in 35 U.S.C. 100 in the invention entitled

"SIGNAL PROCESSING DEVICE AND CLASS D AMPLIFIER THAT CAN REDUCE RADIATION NOISE EVEN
IF THE NUMBER OF CHANNELS OF A DIGITAL AUDIO SIGNAL INPUTTED THERETO INCREASES"

(a) for which an application for United States Letters Patent was filed on _____, and identified by United States Serial No. _____; or

(b) for which an application for United States Letters Patent was executed on August 25, 2004

and the undersigned hereby authorize and request the United States Commissioner of Patents and Trademarks to issue any and all United States Letters Patent which may be granted therefor and any and all extensions, divisions, reissues, substitutes, renewals, continuations, or continuations-in-part thereof, and the right to all benefits under the International Convention for the Protection of Industrial Property to the said ASSIGNEE, for its interest as ASSIGNEE, its successors, assigns and legal representatives; the undersigned agree that the attorneys of record in said application shall hereafter act on behalf of said ASSIGNEE;

AND the undersigned hereby agree to transfer a like interest, and to render all necessary assistance in making application for and obtaining original, divisional, reissued or extended Letters Patent of the United States, upon request of the said ASSIGNEE, its successors, assigns and legal representatives, and without further remuneration, in and to any improvements, and applications for patent based thereon, growing out of or related to the said invention; and to execute any papers by the said ASSIGNEE, its successors, assigns and legal representatives, deemed essential to ASSIGNEE's full protection and title in and to the invention hereby transferred.

SIGNED on the dates indicated aside our signatures:

INVENTORS	DATE SIGNED
1) <u>Kenichiro Ohara</u> Name: <u>Kenichiro OHARA</u>	<u>August 25, 2004</u>
2) <u>Masashi Oki</u> Name: <u>Masashi OKI</u>	<u>August 25, 2004</u>
3) _____ Name: _____	_____
4) _____ Name: _____	_____
5) _____ Name: _____	_____
6) _____ Name: _____	_____

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