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09/958567

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Attorney Docket No. 18940/38233
PATENT

RECORDATION OF ASSIGNMENT OF PATENTS

Box Assignments
Assistant Commissioner of
Patents and Trademarks
Washington, D.C. 20231

11-27-01

12-10-2001



101911213

Attn: Assignment Branch - Patents

Sir:

It is requested that the Assignment Branch record the properties listed below.

1. CONVEYING PARTY: Masami Yakabe
Name
2. RECEIVING PARTY: Sumitomo Metal Industries, Ltd.
Name
1-8, Fuso-cho, Amagasaki, Hyogo 660-0891 Japan
Address
3. INTEREST CONVEYED: Assignment
- EXECUTION DATE: October 19, 2001
4. PROPERTY(IES): Serial No. 09/958,567

5. CORRESPONDENCE ADDRESS:

Barnes & Thornburg
750 17th Street, N.W., Suite 900
Washington, D.C. 20006
(202) 289-1313

11/19/2001 11:00:00 09/958567

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6. FEE CALCULATION: 1 x \$40 = \$ 40

7. A check in the amount of \$ 40 made payable to the Commissioner of Patents and Trademarks is attached hereto.
8. Should there be any over- or under-payment, authorization to apply or charge the Deposit Account of Barnes & Thornburg, No. 02-1010 (18940/38233) therefore is hereby granted.
9. The undersigned states that to the best of my knowledge and belief, the information contained on this cover sheet is true and correct and any copy submitted herewith is a true copy of the original document.

Total number of pages including cover sheet, attachments and documents: 2

Respectfully submitted,

BARNES & THORNBURG

[Signature]
Perry Palan
Reg. No. 26,213
(202) 289-1313

11/27/2001
Date

ASSIGNMENT - U.S. PATENT RIGHTS

For good and valuable consideration, the sufficiency and receipt of which is hereby acknowledged, as a below named inventor, I hereby sell and assign to SUMITOMO METAL INDUSTRIES, LTD., a Japanese corporation (hereinafter called **ASSIGNEE**) of Osaka, Japan its successors and assigns or other legal representatives all my rights, title and interest, in and for the United States of America, in and to the invention entitled:

LOGARITHMIC A/D CONVERTER, A LOGARITHMIC A/D CONVERSION METHOD, A LOGARITHMIC D/A CONVERTER, A LOGARITHMIC D/A CONVERSION METHOD, AND A PHYSICAL QUANTITY MEASURING SYSTEM

the specification of which was filed as PCT/JP01/00998 on February 13, 2001 and was 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, 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 **ASSIGNEE**, its successors, assigns or other legal representatives, to the full end of the 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 **ASSIGNEE**.

INVENTOR:	Masami YAKABE
Citizenship:	Japan
Post Office Address/	c/o SUMITOMO METAL INDUSTRIES, LTD., Electronics Engineering Laboratories, 1-8, Fuso-cho, Amagasaki, Hyogo 660-0891 Japan
Residence:	6-9-7-104, Minami tukaguchi-cho, Amagasaki, Hyogo 661-0012 Japan

Oct. 19, 2001
(Date)

Masami Yakabe
(Signature of
Inventor)

Michiyuki Masuda
(Witness) Michiyuki MASUDA