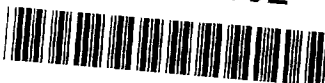


02-13-2002



REC

ET

02/01/02

...101981266



Commissioner for Patents: Please record the attached original document(s) or copy(ies).

1. Name of conveying party(ies): Katsumi Imai Additional name(s) attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		2. Name and address of receiving party(ies): Sanyo Electric Co., Ltd. 5-5, Keihanhondori 2-chome, Moriguchi-shi, Osaka 570-8677 Japan Additional names/addresses attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
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: 01/25/2002			
4. Application number(s) or patent number(s): If this document is being filed with a new application, the execution date of the application is: 01/25/2002 A. Patent Application No(s): B. Patent No(s): 10/061993 Additional numbers attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No			
5. Name/address of party to whom correspondence concerning document should be mailed: CHRIS T. MIZUMOTO Fish & Richardson P.C. 45 Rockefeller Plaza, Suite 2800 New York, New York 10111		6. Total number of applications/patents involved: 1	
		7. Total fee (37 CFR §3.41): \$40 <input checked="" type="checkbox"/> Enclosed <input type="checkbox"/> Authorized to charge Deposit Account.	
		8. Deposit Account No.: 06-1050 Please apply any additional charges, or any credits, to our Deposit Account No. 06-1050.	
<b>DO NOT USE THIS SPACE</b>			
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>			
Chris T. Mizumoto Reg. No. 42,899 Name of Person Signing		 Signature	February 1, 2002 Date
Total number of pages including coversheet, attachments and document: 4			

30081421.doc

02/12/2002 LMUELLER 00000113 10061993

01 FC:581

40.00 DP

**CERTIFICATE OF MAILING BY EXPRESS MAIL**

Express Mail Label No. EF045065488US

I hereby certify under 37 CFR §1.10 that this correspondence is being deposited with the United States Postal Service as Express Mail Post Office to Addressee with sufficient postage on the date indicated below and is addressed to the Commissioner for Patents, Washington, DC 20231.

February 1, 2002  
Date of Deposit

Signature

Francisco Robles  
Typed Name of Person Signing Certificate

**PATENT**  
**REEL: 012557 FRAME: 0654**

Assignment

譲渡

ここにその受領と充足性が確認された善良で価値ある  
配慮の故に、文末に署名した者は、

For good and valuable consideration, the receipt and  
sufficiency of which are hereby acknowledged, the  
undersigned hereby assign(s) over to:

SANYO ELECTRIC CO., LTD.

(住所)

Having the address:

5-5, Keihan Hondori 2-chome,  
Moriguchi-shi, Osaka, Japan

(以下「譲渡人」と呼ぶ)と、その承継人および譲受人  
に対して、

(発明の名称)

(hereinafter designated as the "ASSIGNEE"), its suc-  
cessors and assigns, the entire right, title, and inter-  
est for the United States in the invention, and all  
applications for patent and any Letters Patent which  
may be granted thereof, including said application,  
and all United States Letters Patents which may be  
granted thereof, and all divisions, reissues, continu-  
ations, and extensions thereof, the said interest being  
the entire ownership of said Letters Patent when  
granted to be held by said ASSIGNEE, its successors,  
assigns, or their 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 enjoyed by assignor(s) if this assignment  
had not been made, the application being known by  
the title:

LOGARITHMIC AMPLIFIER

Attorney Docket no.:

弁理士登録番号：  
という名称で知られ、以下に署名した者が以下に記した日  
にアメリカ合衆国特許を申請した発明のアメリカ合衆国  
におけるすべての権利、権原および利益、ならびにその発  
明に対して行われるすべての特許申請とそれらによって  
得られる特許状ならびにそれらの分割、再申請、継続およ  
び延長を譲渡するものであり、さらにその利益は、当該特  
許状が譲受人、承継人、さらにその譲受人らまたは彼らの  
法的代理人に与えられたときに、当該特許状の全所有権を  
この譲渡が行われなかった場合に譲渡人に当該特許状が  
与えられることにより譲渡人が受けたであろう期間の最  
後の日まで、完全無欠に授けられるものとする。この書状  
が、申請と同時に登録されない場合は、以下の記載情報が  
執行後に追加されるものとする。

for the which the undersigned has/have executed a  
application for patent in the United States of  
America on the same day herewith. Where this  
instrument is not filed concurrently with the applica-  
tion, the following identifying information may be  
added after execution:

シリアル・ナンバー

登録年月日：

Serial No.

Filing Date:

# Assignment

## 譲渡

1. 文末に署名した者は、上記の申請、またはその継続出願、一部継続出願、さしかえ出願、分割出願、更新出願、再審査出願、または再発行出願、またはあらゆる修正、抵触審査手続の延長、又はその他権原を譲受人が確保するために必要なあらゆる文書を署名、執行することに同意する。

2. 文末に署名した者は、工業所有権の保護に関する国際条約または同様な条約のクレームまたは条項に関連して必要となるすべての文書を署名、執行し、必要な行為を行うことに同意する。

3. 文末に署名した者は、譲受人に有効な米国特許を取得させるために必要なすべての積極的な行為を実行することに同意する。

4. 文末に署名した者は、アメリカ合衆国の特許庁長官に対して、当該特許申請またはそれに基づくすべての分割、継続申請から生じるすべての特許状を当該譲受人に発行するように、請願する。

5. 文末に署名した者は、本状の登記に当りアメリカ合衆国特許庁の規則に従って必要であり、望ましいような識別情報をこの譲渡書に挿入する権利をフィッシュ・アンド・リチャードソン法律事務所、に委任するものとする。

1. The undersigned hereby agree(s) to sign and execute any further documents and instruments which may be necessary, lawful and proper in the prosecution of said above-nmaed application or in the preparation and prosecution of any continuing, continuation-in-part, substitute, divisional, renewal, reexamination or reissue application or in any amendments, extension of interference proceedings, or otherwise secure the title thereto to the ASSIGNEE.

2. The undersigned hereby agree(s) to execute all papers and documents and perform any act which may be necessary in connection with claims or provisions of the International Convention for Protection of Industrial Property of similar agreements.

3. The undersigned hereby agree(s) to perform all affirmative acts which may be necessary to obtain a grant of a valid United States patent to the ASSIGNEE.

4. The undersigned hereby authorize(s) and request(s) teh Commisioner of Patents in the United States to issue any and all Letters Patents resulting from the said application or any division or divisions or continuing application thereof to the ASSIGNEE.

5. The undersigned hereby grant(s) to the firm of Fish & Richardson P.C. the power to insert on this agreement any further identification which may be necessary or desirable in order to comply with the rules of the United States patent and Trademark Office for recordation of this document.

Assignment

譲渡

以上を確認のうえで、下記の者が下記の氏名に並んで記された日に各自、署名して本書を発効させるものである。

IN WITNESS THEREBY, executed by the undersigned on the date(s) opposite the undersigned Name(s)

年月日 氏名(横書):

Date  
January 25,  
2002

Typed Name Katsumi Imai

*Katsumi Imai*

年月日 氏名(横書):

Date

Typed Name

年月日 氏名(横書):

Date

Typed Name

年月日 氏名(横書):

Date

Typed Name

年月日 氏名(横書):

Date

Typed Name

年月日 氏名(横書):

Date

Typed Name

以上を確認のうえで、下記の者が下記の氏名に並んで記された日に各自、署名して本書を発効させるものである。

This assignment may be signed before a U.S. notary Public or before at least two witnesses who also sign here:

年月日 氏名(横書):

Date

Typed Name

年月日 氏名(横書):

Date

Typed Name