

10-28-2005

B/O FORM PTO-1595 (Rev. 4/00)

Department of Commerce Patent and Trademark Office



103109290

To the Commissioner for Patents. Please record the attached original documents or copies thereof.

## 1. Name of Conveying Party(ies):

Yoichi OKUBO  
Masaki SUTO  
Yasuhiro TAKEDA  
Masaru ADACHI

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

Name: Hitachi Kokusai Electric Inc.

Street Address: 3-14-20, Higashi-Nakano,  
Nakano-ku

112875 U.S. PTO  
11/255874

102405

## 3. Nature of Conveyance:

- ☒ Assignment ☐ Merger  
☐ Security Agreement ☐ Change of Name  
☐ Other:

Execution Date: 09/22/05; 09/28/05;  
09/22/05; 09/22/05

City, State, Zip: Tokyo 164-8511, Japan

☐ Additional name(s) and address(es) attached.

## 4. (A) Patent Application Number(s):

10/26/2005 DTESSEM1 00000048 11255874

05 FC:8021

40.00 DP

09/22/05;  
09/28/05;  
09/22/05;  
09/22/05

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

## 4. (B) Patent Number(s):

☐ Additional Numbers Attached.

Title:

Amplifier

Attorney Docket No.:

OKUB3003/EM

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

Name:

Eugene Mar

Total Number of Applications and Patents Involved:

1

7. Total Fee:  
(37 CFR 3.41)

\$40.00

23364

CUSTOMER NUMBER

Bacon & Thomas, PLLC  
625 Slaters Lane Fourth Floor  
Alexandria, VA 22314

☒ Enclosed☐ Authorized to be charged to deposit account

8. Deposit Account Number:

02-0200

## 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.

Richard E. Fichter, 26,382

October 24, 2005

Name of Person Signing

Signature

Date

Total number of pages including cover sheet, attachments and document: 3

PATENT  
REEL: 017133 FRAME: 0391

## ASSIGNMENT

WHEREAS, I (we), **Yoichi Okubo, Masaki Suto, Yasuhiro Takeda and Masaru Adachi** whose post office address(es) appear(s) below, hereinafter referred to as ASSIGNOR, is(are) the owner of certain new and useful improvements in **AMPLIFIER**

(hereinafter referred to as the INVENTION) for which an application for United States Letters Patent was

☒ executed on even date herewith

☐ executed on:

☐ filed on: Serial No.:

☐ established by PCT International Patent Application No.: filed:

designating the United States of America

WHEREAS, **Hitachi Kokusai Electric Inc.**

whose post office address is **3-14-20, Higashi-Nakano, Nakano-ku, Tokyo 164-8511, Japan**

hereinafter referred to as ASSIGNEE, is desirous of acquiring the entire right, title and interest in and to the same in the united States;

NOW, THEREFORE, for good and valuable consideration, receipt of which is hereby acknowledged, I (we), ASSIGNOR, by these presents do sell, assign and transfer unto said ASSIGNEE, the entire right, title, and interest in and to said INVENTION and application throughout the United States of America, including any and all Letters Patent granted on any division, continuation, continuation-in-part and reissue of said application.

ALSO, ASSIGNOR hereby agrees to execute any documents that legally may be required in connection with the filing, prosecution and maintenance of said application or any other patent application(s) in the United States for said INVENTION, including additional documents that may be required to affirm the rights of ASSIGNEE in and to said INVENTION, all without further consideration. ASSIGNOR also agrees, without further consideration and at ASSIGNEE's expense, to identify and communicate to ASSIGNEE at ASSIGNEE's request documents and information concerning the INVENTION that are within ASSIGNOR's possession or control, and to provide further assurances and testimony on behalf of ASSIGNEE that lawfully may be required of ASSIGNOR in respect of the prosecution, maintenance and defense of any patent application or patent encompassed within the terms of this instrument. ASSIGNOR's obligations under this instrument shall extend to ASSIGNOR's heirs, executors, administrators and other legal representatives.

ALSO, ASSIGNOR hereby authorizes and requests the Commissioner of Patents and Trademarks to issue any and all Letters Patent referred to above to ASSIGNEE, as the ASSIGNEE of the entire right, title and interest in and to the same, for ASSIGNEE's sole use and behoof; and for the use and behoof of ASSIGNEE's legal representatives and successors, to the full end of the term for which such Letters Patent may be granted, as fully and entirely as the same would have been held by ASSIGNOR had this assignment and sale not been made.

ASSIGNOR authorizes any member of the firm of Bacon & Thomas to insert or complete any information in this document needed to effect its recordal in the U.S. Patent and Trademark Office.

## ASSIGNMENT

Page: 2

|                                   |  |
|-----------------------------------|--|
| Assignor Name <b>Yoichi Okubo</b> | Address <b>3-14-20, Higashi-Nakano,<br/>Nakano-ku, Tokyo 164-8511, Japan</b> |
| Where Signed <b>Tokyo, Japan</b>  |  |
| Date <b>September 22, 2005</b>    | Signature <b>Yoichi Okubo</b>  |
| Witness (optional)                | Witness (optional)   |
| Print/Type Name                   | Print/Type Name  |
| Signature                         | Signature  |

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| Date <b>September 28, 2005</b>   | Signature <b>Masaki Suto</b>   |
| Witness (optional)               | Witness (optional)   |
| Print/Type Name                  | Print/Type Name  |
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| Date <b>September 22, 2005</b>     | Signature <b>Masaru Adachi</b>   |
| Witness (optional)                 | Witness (optional)   |
| Print/Type Name                    | Print/Type Name  |
| Signature                          | Signature  |