

U.S. PTO

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OMB No 0651-0027 (exp 02/28/2009)U.S. DEPARTMENT OF COMMERCE  
United States Patent and Trademark Office

103615807

To the Director of the U.S. Patent and Trademark Office

Mention the old address(es) and the new address(es) below.

## 1. Name of conveying party(ies):

Kazuhito SAKOMIZU (12/13/2010) and Takashi NISHI (12/13/2010)

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

## 3. Nature of conveyance/Execution Date(s):

Execution Date(s) in parentheses after inventor name

- ☒ Assignment ☐ Merger ☐ Change of Name  
☐ Security Agreement ☐ Joint Research Agreement  
☐ Government Interest Assignment  
☐ Executive Order 9424, Confirmatory License  
☐ Other

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

Name: OKI ELECTRIC INDUSTRY CO., LTD.

Internal Address:

Street Address:

3-16-11, Nishi Shimbashi, Minato-ku

City: Tokyo

State:

Country: JAPAN Zip: 105-8460

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

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

A Patent Application No (s)  
This application☒ This document is being filed together with a new application.

B Patent No.(s)

Additional numbers attached? ☐ Yes ☒ No

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

Name: Robert H. Berdo, Jr.  
RABIN & BERDO, PCInternal Address: Atty Dkt - MAE-631  
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Email Address: firm@rabinberdo.com

## 6. Total number of applications and patents involved:

1

## 7. Total fee (37 CFR 1.21(h) &amp; 3.41) \$ 40.00

- ☐ Authorized to be charged to deposit account  
☐ Enclosed  
☐ None required (government interest not affecting title)

## 8. Payment Information

Deposit Account Number  
Authorized User Name

## 9. Signature:

Signature

January 12, 2011

Date

Robert H. Berdo, Jr. - 38,075  
Name of Person Signing

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

3

FEE ENCLOSED: \$ 40.00  
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PATENT  
REEL: 025670 FRAME: 0299

Attorney Reference \_\_\_\_\_

**ASSIGNMENT OF APPLICATION FOR UNITED STATES LETTERS PATENT**

WHEREAS Kazuhiro SAKOMIZU, and Takashi NISHI  
hereinafter referred to collectively as the assignor, has invented a certain improvement  
relating to ENCODING APPARATUS, DECODING APPARATUS, AND ENCODING AND DECODING  
SYSTEM

[X] the inventor(s) declaration for said application being executed concurrently with the execution of this  
instrument; said application to be filed in the United States Patent and Trademark Office;

[ ] said application having been filed in the United States Patent and Trademark Office on,  
\_\_\_\_\_ authorization being hereby given to the practitioners associated with the  
Customer Number 23995, to insert here in parentheses (Application Serial  
No. \_\_\_\_\_) the application serial number of said application when known;

[ ] said application having been filed under the Patent Cooperation Treaty on \_\_\_\_\_  
Serial No. \_\_\_\_\_, the United States of America being designated.

AND WHEREAS Oki Electric Industry Co., Ltd.  
of 3-16-11 Nishi Shimbashi, Minato-ku, Tokyo, 105-8460, Japan

hereinafter referred to as the assignee, is desirous of acquiring the entire right, title and interest in and to  
said application, including any and all divisions and continuations thereof, and in and to said invention and  
any and all patents which may be granted therefor, including any and all renewals, reissues and prolongations  
thereof;

NOW THIS WITNESSETH, that for and in consideration of One Dollar (\$1.00), and other good and  
valuable consideration paid by said assignee to said assignor, the receipt of which is hereby acknowledged,  
said assignor hereby assigns, sells and transfers to said assignee, and said assignee's successors and  
assigns, the full and exclusive right, title and interest in and to said application, including any and all divisions  
and continuations thereof, and in and to said invention and any and all patents which may be granted therefor,  
including any and all renewals, reissues and prolongations thereof; said assignee, and said assignee's  
successors and assigns, to have, hold, exercise and enjoy the said application, including any and all divisions  
and continuations thereof, and the said invention and any and all patents which may be granted therefor,  
including any and all renewals, reissues and prolongations thereof, with all the rights, powers, privileges and  
advantages in anywise arising from or appertaining thereto, for and during the term or terms of any and all  
such patents when granted, including any and all renewals, reissues and prolongations thereof, for the use  
and benefit of said assignee, and said assignee's successors and assigns, in as ample and beneficial a  
manner as the said assignor might or could have held and enjoyed the same, if this assignment had not been  
made.

AND said assignor hereby agrees to perform, upon the request of said assignee, or said assignee's  
successors or assigns, any and all acts relating to the obtaining or to the asserting of said patents, including  
any and all renewals, reissues and prolongations thereof.

AND said assignor authorizes and requests the Commissioner of Patents and Trademarks to issue  
Letters Patent on said application, and on any and all divisions and continuations thereof,  
to said assignee, and said assignee's successors and assigns, in accordance herewith.

AND Assignors hereby grant the following individuals the power to insert on this Assignment 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:

Rabin & Berdo, PC

All practitioners at Customer Number 23995.

AND Assignors acknowledge an obligation of assignment of this invention to Assignee at the time the  
invention was made.

EXECUTED, December 13, 2010

WITNESS:

ASSIGNOR:

Signature: Takahiro Yamasaki

Signature: Kazuhiro Sakomizu

Name: Kazuhiro SAKOMIZU

Rabin & Berdo, PC

ASSIGNMENT OF APPLICATION FOR UNITED STATES LETTERS PATENT

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EXECUTED, December 13, 2010

WITNESS:

ASSIGNOR:

Signature: Takashi Nishi

Signature: Takashi Nishi

Name: Takashi NISHI

RABIN & BERDO, P.C., Washington, D.C.