06-23-20	0Δ
	EET U.S. DEPARTMENT OF COMMERCE U.S. Patent and Trademark Office Docket No. 032416-3
To the Honorable Commis. 10277552	ached original documents or copy thereof.
1. Name of conveying party(ies):	address of receiving party(ies)
(1) Takayoshi KIHARA	Name: Oki Electric Industry Co., Ltd.
	Street Address: 7-12, Toranomon 1-chome,
Additional name(s) of conveying waster(ice) attached? \(\sigma\) \(\sigma\) \(\sigma\)	City: Minato-ku State: Tokyo Zip:
Additional name(s) of conveying party(ies) attached? ☐ Yes ☒ No 3. Nature of conveyance:	Country: Japan Postal Code:
☐ Security Agreement ☐ Change of Name	Additional name(s) & address(es) attached? ☐ Yes ☒ No
Other	
Execution Date(s):	Į.
1 st Inventor: May 28, 2004	
	6-14-04
4. Application number(s) or patent number(s);	
If this document is being filed together with a new applicatio	n, the filing date of the application is: May 28, 2004
A. Patent Application No.(s)	B. Patent No.(s)
	10011016
Additional numbers at	
5. Name and address of party to whom correspondence concerning document should be mailed:	6. Total number of applications and patents involved: 1
	7. Total fee (37 CFR 3.41)\$\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\
Attorney Name: Donald R. Studebaker	☐ Enclosed
Firm Name: Nixon Peabody LLP	
I1 Add Cuit- 000	☑ Authorized to be charged to deposit account
Internal Address: Suite 900	8. Deposit account number:
Street Address: 401 9th Street, N.W.	19-2380 (032416-3)
City: Washington State: D.C. Zip: 20004-2128	
City: wasnington State: D.C. Zip: 20004-2128	(Attach duplicate copy of this page if paying by deposit account)
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9. Statement and signature.	
	information is true and correct and any attached copy is a
true copy of the original document.	
Donald R. Studebaker	June 14, 2004
Name of Person Signing	Signature Date
Total number of pages including cov	er sheet, attachments, and documents:2
Mail documents to be recorded with rec	quired cover sheet information to:
Mail Stop Assignment Recordation Services, Director of the US Patent at	
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NVA298276.1

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PATENT REEL: 015482 FRAME: 0497

Attorney Reference	
ASSIGNMENT OF APPLICATION FOR UNITED STATES LETTERS PATENT	
WHEREAS Takayoshi KIHARA	
hereinafter referred to collectively as the assignor, has invented a certain improvement	
relating to DEVICE FOR REPRODUCING RECEIVED DATA FOR RADIO DATA COMMUNICATION AND	
A METHOD OF ADJUSTING FREQUENCY THEREFOR	
[] 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 my attorneys, Donald R. Studebaker of NIXON	
PEABODY LLP ,8180 Greensboro Drive Suite 800 McLean VA 22102, 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 7-12, Toranomon 1-chome, Minato-ku, Tokyo, 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.	
.4	
EXECUTED. May 28 ,2004.	
EXECUTED,	
WITNESS: ASSIGNOR:	
Signature: Josfithte Haneda Signature: Jakogoshi Kihara	
Name: Takayoshi KIHARA	

NIXSON PEABODY LLP

RECORDED: 06/14/2004

PATENT REEL: 015482 FRAME: 0498