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RABIN & CHAMPAGNE, P.C.

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RECORDATION COVER SHEET - PATENT APPLICATION

40.00  
FEE ENCLOSED: \$  
Please charge any further  
fee to our Deposit Account  
No. 18-0002

NAME OF CONVEYING PARTY : Kazuo ISHIBA & Kohei EGUCHI

NAME OF RECEIVING PARTY : OKI ELECTRIC INDUSTRY CO., LTD.

ADDRESS OF RECEIVING PARTY : 7-12, Toranomom 1-chome, Minato-ku  
Tokyo, Japan

NATURE OF CONVEYANCE : Assignment of U.S. patent application

CONVEYANCE EXECUTION DATE : February 10, 1999

PATENT APPLICATION NO. : Document filed concurrently with  
corresponding application

APPLICATION FILED TOGETHER  
WITH THIS DOCUMENT : Yes

APPLICATION EXECUTION DATE : February 10 and 18, 1999

CORRESPONDENCE  
ADDRESS : RABIN & CHAMPAGNE, P.C.  
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ATTORNEY REFERENCE : FUJI 106

TOTAL NUMBER OF PATENTS  
AND APPLICATIONS INVOLVED : One

TOTAL FEE PAID : \$40.00

METHOD OF PAYMENT :  Enclosed  
 Authorized to be charged to  
deposit account

In the event there is attached hereto no check, or a check for an insufficient amount, please charge the fee to our Account No. 18-0002 and notify us accordingly.  
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.

Steven M. Rabin  
(Registration No. 29,102)

3/16/99  
Date

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Total number of pages including cover sheet, attachments and documents

PATENT  
REEL: 9831 FRAME: 0210

03/22/1999 WILLIAMS 09267779 40.00 UP  
02 FC:582

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

WHEREAS Kazuo ISHIBA and Kohei EGUCHI of c/o Oki Electric Industry Co., Ltd., 7-12, Toranomom 1-chome, Minato-ku, Tokyo, Japan hereinafter referred to collectively as the assignor, has invented a certain improvement

relating to \_\_\_\_\_

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, Steven M. Rabin, Thomas M. Champagne, and Robert H. Berdo, Jr. of RABIN & CHAMPAGNE, P.C., 1725 K Street, N.W., Washington, D.C. 20006, 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, Toranomom 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.

EXECUTED, this 10th day of February, 1997.

WITNESSES:

ASSIGNOR:

Signature: Kazuo Ikeda

Signature: Kazuo Ishiba

Name: Kazuo IKEDA

Name: Kazuo ISHIBA

Address: c/o Oki Electric Industry Co., Ltd.

7-12, Toranomom 1-chome, Minato-ku, Tokyo, Japan

Signature: Kazuo Ikeda

Signature: Kohei Eguchi

Name: Kazuo IKEDA

Name: Kohei EGUCHI

Address: c/o Oki Electric Industry Co., Ltd.

7-12, Toranomom 1-chome, Minato-ku, Tokyo, Japan

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

**PATENT**