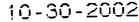


RECO.





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NAME OF CONVEYING PARTY

8-1-02

Yuichiro NOZAWA and Zenzo TOZUKA

NAME OF RECEIVING PARTY

Oki Electric Industry Co., Ltd.

ADDRESS OF RECEIVING PARTY

7-12, Toranomon 1-chome, Minato-ku, Tokyo 105, Japan

NATURE OF CONVEYANCE

Assignment of U.S. Patent Application

CONVEYANCE EXECUTION DATE

May 21, 2002

PATENT APPLICATION NO.

10/150,959

APPLICATION FILED TOGETHER

WITH THIS DOCUMENT

NO

APPLICATION EXECUTION DATE

May 21, 2002

CORRESPONDENCE

Oki America, Inc.

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1101 14th Street, N.W., Suite 555

Washington, D.C. 20005

ATTORNEY REFERENCE

02DCOAI011

TOTAL NUMBER OF PATENTS

AND APPLICATIONS INVOLVED

One

TOTAL FEE PAID

\$40.00

METHOD OF PAYMENT

Enclosed

[X]

Authorized to be charged to

deposit account 50-0945

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.

Junichi Mimura

(Registration No. 40,351)

(Customer No. 26071)

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

PATENT

REEL: 013422 FRAME: 0628

ASSIGNMENT OF APPLICATION FOR UNITED STATES LETTERS PATENT

WHEREAS Yuichiro NOZAWA and Zenzo TOZUKA of c/o Oki Electric Industry Co., Ltd.	
hereinafter referred to collectively as the assignor, has invented a certain improvement	
relating to: KEY SWITCH	
[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 my patent agent, Junichi Mimura of Oki America, Inc, 1101 14th Street, N.W., Suite 555, Washington, D.C. 20005 and attorney, Steven M. Rabin of RABIN & BERDO, P.C., 1101 14th Street, N.W., Suite 500 Washington, D.C. 20005, 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	
America being designated.	o.), the United States of
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 assigner, 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, May 2/	, 2002.
WITNESSES:	ASSIGNOR:
Signature: Hideasii Sestine	Signature: Incichilo Nogana
Name: Hideaki SEKINE	Name: Yuichiro NOZAWA
WITNESSES:	ASSIGNOR:
Signature: Hideahi Seking	Signature: Jozuka Tozuka
Name: Hideaki SEKINE	Name: Zenzo TOZUKA

PATENT
RECORDED: 08/06/2002 REEL: 013422 FRAME: 0629

OKI AMERICA, INC.