PATENT ASSIGNMENT

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
Yasushi SHIRAISHI	02/22/2007

RECEIVING PARTY DATA

Name:	Oki Electric Industry Co., Ltd.	
Street Address:	7-12, Toranomon 1-chome, Minato-ku	
City:	Tokyo	
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PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	11678619

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Total Attachments: 1

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PATENT REEL: 018938 FRAME: 0758

Attorney Reference US053241
ASSIGNMENT OF APPLICATION FOR UNITED STATES LETTERS PATENT
WHEREAS <u>Yasushi SHIRAISHI, c/o Oki Electric Industry Co., Ltd. 7-12, Toranomon 1-chome,</u>
rereinafter referred to collectively as the assignor, has invented a certain improvement elating toSEMICONDUCTOR DEVICE
] 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, February 26, 2007 authorization being hereby given to my attorneys, David L. Tarnoff, Yoshio
Miyagawa, Patrick A. Hilsmier, Todd M. Guise, John C. Robbins, David J. McCrosky of SHINJYU GLOBAL IP COUNSELORS, LLP, 1233 Twentieth Street, N.W. Suite 700, Washington, D.C. 20036, and Steven J. Roberts of SHINJYU GLOBAL IP, South Forest Bldg., 11 th Fl., 1-4-19, Minamimori-machi, Kita-ku, Dsaka, 530-0054 Japan, to insert here in parentheses (Application Serial No. 11/678,619) the application serial number of said application when known; J said application having been filed under the Patent Cooperation Treaty on, 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 aid application, including any and all divisions and continuations thereof, and in and to said invention and my and all patents which may be granted therefor, including any and all renewals, reissues and rolongations thereof; NOW THIS WITNESSETH, that for and in consideration of One Dollar (\$1.00), and other good and aluable consideration paid by said assignee to said assignor, the receipt of which is hereby acknowledged, aid assignor hereby assigns, sells and transfers to said assignee, and said assignee's successors and ssigns, 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 uccessors 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 dvantages in anywise arising from or appertaining thereto, for and during the term or terms of any and all uch patents when granted, including any and all renewals, reissues and prolongations thereof, for the use no benefit of said assignee, and said assignee's successors and assigns, in as ample and beneficial a nanner as the said assigner might or could have held and enjoyed the same, if this assignment had not been nade.
AND said assignor hereby agrees to perform, upon the request of said assignee, or said assignee's uccessors or assigns, any and all acts relating to the obtaining or to the asserting of said patents, including my and all renewals, reissues and prolongations thereof. AND said assignor authorizes and requests the Commissioner of Patents and Trademarks to issue etters Patent on said application, and on any and all divisions and continuations thereof, a 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 arther identification which may be necessary or desirable in order to comply with the rules of the United tates Patent and Trademark Office for recordation of this document: GLOBAL IP COUNSELORS, LLP and SHINJYU GLOBAL IP
Il practitioners at Customer Number <u>22919</u> . AND Assignors acknowledge an obligation of assignment of this invention to Assignee at the time the evention was made. EXECUTED, February 22, 2007

ASSIGNOR:

Signature: Yazushi Shinaishi

Name: Yasushi SHIRAISHI

SHINJYU GLOBAL IP

Signature: Nortaka anzai

RECORDED: 02/27/2007

WITNESS:

PATENT REEL: 018938 FRAME: 0759