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Kiyonori Watanabe	Name: OKI ELECTRIC INDUSTRY CO., LTD.
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3. Nature of conveyance/Execution Date(s):	7.42 Tananan 4 ahama
Execution Date(s): May 11, 2007	7-12, Toranomon 1-chome, Minato-Ku, Tokyo
X Assignment Merger Change of Name	JAPAN
Security Agreement Joint Research Agreement	Cibu
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4. Application or patent number(s):	This document is being filed together with a new application.
A. Patent Application No.(s)	B. Patent No.(s)
This application	
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Name: Robert H. Berdo, Jr.	
RABIN & BERDO, PC	7. Total fee (37 CFR 1.21(h) & 3.41) \$ 40.00
Internal Address: Atty. Dkt.: TAI-156	Authorized to be charged by credit card
Street Address: 1101 14th St., NW Suite 500	Authorized to be charged to deposit account
	Enclosed
	None required (government interest not affecting title)
City: Washington	8. Payment Information
State: DC Zip: 20005	a. Credit Card Last 4 Numbers4591
Phone Number: (202) 371-8976	Expiration Date 08/31/07
Fax Number: (202) 408-0924	b. Deposit Account Number
Email Address: firm@rabinberdo.com/	Authorized User Name
9. Signature: Over the control of th	May 18, 2007
Signature /	Date
Robert H. Berdo, Jr 38,075	Total number of pages including cover

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PATENT

REEL: 019368 FRAME: 0424

Attorney Reference	
D STATES LETTERS PATENT	

ASSIGNMENT OF APPLICATION FOR UNITE Kiyonori WATANABE WHEREAS hereinafter referred to collectively as the assignor, has invented a certain improvement relating to SEMICONDUCTOR 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, _authorization being hereby given to the practitioners associated with the Customer Number 23995, insert parentheses here in (Application Serial) the application serial number of said application when known; I 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 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. WITNESS: ASSIGNOR: Kiyonori WATANABE

Rabin & Berdo, PC

RECORDED: 05/18/2007

PATENT REEL: 019368 FRAME: 0425