

## PATENT ASSIGNMENT

Electronic Version v08

Stylesheet Version v02

SUBMISSION TYPE:	NEW ASSIGNMENT	<b>APPLICATION NUMBER</b> 11/306380															
NATURE OF CONVEYANCE:	ASSIGNMENT OF ASSIGNOR'S INTEREST																
CONVEYING PARTY DATA																	
<table border="1"><thead><tr><th>Name</th><th>Execution Date</th></tr></thead><tbody><tr><td>Akira Watanabe</td><td>2005-11-21</td></tr><tr><td>Yasuhiro Yamamoto</td><td>2005-11-22</td></tr></tbody></table>						Name	Execution Date	Akira Watanabe	2005-11-21	Yasuhiro Yamamoto	2005-11-22						
Name	Execution Date																
Akira Watanabe	2005-11-21																
Yasuhiro Yamamoto	2005-11-22																
RECEIVING PARTY DATA																	
<table border="1"><thead><tr><th>Name</th><th>Street Address</th><th>Internal Address</th><th>City</th><th>State/Country</th><th>Postal Code</th></tr></thead><tbody><tr><td>Oki Electric Industry Co., Ltd.</td><td>7-12, Toranomom 1-chome, Minato-ku</td><td></td><td>Tokyo</td><td>JAPAN</td><td>105-8460</td></tr></tbody></table>						Name	Street Address	Internal Address	City	State/Country	Postal Code	Oki Electric Industry Co., Ltd.	7-12, Toranomom 1-chome, Minato-ku		Tokyo	JAPAN	105-8460
Name	Street Address	Internal Address	City	State/Country	Postal Code												
Oki Electric Industry Co., Ltd.	7-12, Toranomom 1-chome, Minato-ku		Tokyo	JAPAN	105-8460												
CORRESPONDENCE DATA																	
FAX NUMBER: 2023153073																	
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>																	
When the customer number has been provided, the Office of Public Records will obtain the correspondence data from the official record on file at the USPTO.																	
CUSTOMER NUMBER: 022919																	
NAME OF PERSON SIGNING:	Steven Roberts																
DATE SIGNED:	2005-12-27																
Total Attachments: 2 source=assign1.tif source=assign2.tif																	

CH \$40.00 192042 11306380

800023332

PATENT  
REEL: 016939 FRAME: 0152

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

**WHEREAS** Akira WATANABE, c/o Miyagi Oki Electric Co., Ltd. 1, Okinodaira, Ohiramura, Kurokawa-gun, Miyagi 981-3603, Japan, and Yasuhiro YAMAMOTO, c/o Miyagi Oki Electric Co., Ltd. 1, Okinodaira, Ohiramura, Kurokawa-gun, Miyagi 981-3603, Japan  
hereinafter referred to collectively as the assignor, has invented a certain improvement relating to METHOD FOR MANUFACTURING A 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 my attorneys, **David L. Tarnoff, Yoshio Miyagawa, Patrick A. Hilsmier, Todd M. Guise, Kiyoe K. Kabashima, 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<sup>th</sup> Fl, 1-4-19, Minamimori-machi, Kita-ku, Osaka, 530-0054 Japan, 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 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.

EXECUTED, November 21, 2005

**WITNESS:**

**ASSIGNOR:**

Signature: Koichi Kaneko

Signature: Akira Watanabe

Name: Akira WATANABE

SHINJYU GLOBAL IP

ASSIGNMENT OF APPLICATION FOR UNITED STATES LETTERS PATENT

Page 2 of 2

EXECUTED, November 22, 2005

**WITNESS:**

**ASSIGNOR:**

Signature: Takahiro Yamamoto

Signature: Yasuhiro Yamamoto

Name: Yasuhiro YAMAMOTO

EXECUTED, \_\_\_\_\_

**WITNESS:**

**ASSIGNOR:**

Signature: \_\_\_\_\_

Signature: \_\_\_\_\_

Name: \_\_\_\_\_

EXECUTED, \_\_\_\_\_

**WITNESS:**

**ASSIGNOR:**

Signature: \_\_\_\_\_

Signature: \_\_\_\_\_

Name: \_\_\_\_\_

SHINJYU GLOBAL IP