

# PATENT ASSIGNMENT

Electronic Version v1.1

Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
Yoichiro TARUI	01/08/2008
Ken-ichi OHTSUKA	01/08/2008
Masayuki IMAIZUMI	01/08/2008
RECEIVING PARTY DATA	
Name:	Mitsubishi Electric Corporation
Street Address:	7-3, Marunouchi 2-chome
Internal Address:	Chiyoda-ku
City:	Tokyo
State/Country:	JAPAN
Postal Code:	100-8310
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	12063875
CORRESPONDENCE DATA	
Fax Number:	(202)737-6776
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>	
Phone:	(202) 737-6770
Email:	mshakur@leydig.com
Correspondent Name:	Jeffrey A. Wyand
Address Line 1:	700 Thirteenth Street, N. W.
Address Line 2:	Suite 300
Address Line 4:	Washington, DISTRICT OF COLUMBIA 20005
ATTORNEY DOCKET NUMBER:	404129
NAME OF SUBMITTER:	Jeffrey A. Wyand
Total Attachments: 1	

CH \$40.00 12063875

**500465296**

**PATENT**  
**REEL: 020515 FRAME: 0696**



# ASSIGNMENT

In consideration of the sum of One Dollar (\$1.00), and other good and valuable consideration, the receipt of which is hereby acknowledged, the undersigned,

Yoichiro TARUI, Ken-ichi OHTSUKA, and Masayuki IMAIZUMI,  
all of c/o Mitsubishi Electric Corporation,

7-3, Marunouchi 2-chome, Chiyoda-ku, TOKYO 100-8310 JAPAN

hereby sells, assigns and transfers to  
Mitsubishi Electric Corporation,

7-3, Marunouchi 2-chome, Chiyoda-ku, TOKYO 100-8310 JAPAN

(hereinafter called the Assignee), its successors and assigns,  
the entire right, title, and interest in and to:

- (i) the application for United States Letters Patent entitled  
SEMICONDUCTOR DEVICE  
AND SEMICONDUCTOR DEVICE MANUFACTURING METHOD

which was executed by the undersigned on January 8, 2008,  
or was filed on \_\_\_\_\_ and accorded Serial No.  
\_\_\_\_\_ (hereinafter called the Application);

- (ii) any and all inventions and improvements which are described  
in the application;
- (iii) any and all United States Letters Patents which may be  
granted on the Application (hereinafter called the  
Patent);
- (iv) any and all divisions, continuations, substitutes,  
reexaminations, reissues, or extensions of the Application  
or Patent; and
- (v) all benefits under the International Convention for the  
Protection of Industrial Property.

It is hereby authorized that the above-mentioned Assignee  
insert in this instrument the filing date and serial number of  
said application.

It is hereby authorized and requested that the  
Commissioner of Patents issue any and all of said Letters Patent,  
when granted, to said Assignee.

Further, it is agreed that, when requested, without charge  
to but at the expense of said Assignee, the undersigned will  
execute all divisional, continuing, substitute, or reissue patent  
applications; execute all additional assignments and other  
writings, including reexamination papers; and provide all  
reasonable assistance requested by the Assignee to secure and  
maintain appropriate patent protection.

Signed at Tokyo, Japan  
this 8th day of January, 2008.

WITNESS(ES):

INVENTOR(S):

Yoichiro TARUI

Yoichiro TARUI

Ken-ichi OHTSUKA

Ken-ichi OHTSUKA

Masayuki IMAIZUMI

**PATENT**