

PATENT ASSIGNMENT

Electronic Version v1.1

Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT														
NATURE OF CONVEYANCE:	ASSIGNMENT														
CONVEYING PARTY DATA															
<table border="1"><thead><tr><th>Name</th><th>Execution Date</th></tr></thead><tbody><tr><td>Yuichi MORITA</td><td>11/15/2006</td></tr><tr><td>Shinzo ISHIBE</td><td>11/15/2006</td></tr><tr><td>Takashi NOMA</td><td>11/16/2006</td></tr><tr><td>Hisao OTSUKA</td><td>11/29/2006</td></tr><tr><td>Yukihiro TAKAO</td><td>12/02/2006</td></tr><tr><td>Hiroshi KANAMORI</td><td>11/22/2006</td></tr></tbody></table>	Name	Execution Date	Yuichi MORITA	11/15/2006	Shinzo ISHIBE	11/15/2006	Takashi NOMA	11/16/2006	Hisao OTSUKA	11/29/2006	Yukihiro TAKAO	12/02/2006	Hiroshi KANAMORI	11/22/2006	
Name	Execution Date														
Yuichi MORITA	11/15/2006														
Shinzo ISHIBE	11/15/2006														
Takashi NOMA	11/16/2006														
Hisao OTSUKA	11/29/2006														
Yukihiro TAKAO	12/02/2006														
Hiroshi KANAMORI	11/22/2006														
RECEIVING PARTY DATA															
Name:	Sanyo Electric Co., Ltd.														
Street Address:	2-5-5, Keihanhondori														
Internal Address:	Moriguchi-shi														
City:	Osaka														
State/Country:	JAPAN														
Postal Code:	570-8677														
PROPERTY NUMBERS Total: 1															
<table border="1"><thead><tr><th>Property Type</th><th>Number</th></tr></thead><tbody><tr><td>Application Number:</td><td>11529553</td></tr></tbody></table>	Property Type	Number	Application Number:	11529553											
Property Type	Number														
Application Number:	11529553														
CORRESPONDENCE DATA															
Fax Number: (703)760-7777 <i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>															
Phone: 703.760.7743															
Email: klibby@mofo.com															
Correspondent Name: Barry E. Bretschneider															
Address Line 1: Morrison & Foerster LLP															
Address Line 2: 1650 Tysons Blvd., Suite 300															
Address Line 4: McLean, VIRGINIA 22102															
ATTORNEY DOCKET NUMBER:	606402036800														

PATENT

500193653

REEL: 018632 FRAME: 0097

CH \$40.00 11529553

NAME OF SUBMITTER:

Barry E. Bretschneider

Total Attachments: 2

source=6064020368 Assign#page1.tif

source=6064020368 Assign#page2.tif

MORRISON & FOERSTER LLP

For good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, the undersigned hereby assign(s), transfer(s) and set(s) over to:

SANYO ELECTRIC CO., LTD.
2-5-5, Keihanhondori
Moriguchi-shi, Osaka 570-8677 JAPAN

(hereinafter designated as the "ASSIGNEE"), its successors and assigns, the entire right, title, and interest for the United States in the invention, and all applications for patent and any Letters Patent which may be granted therefor, including said application, and all United States Letters Patent which may be granted thereof, and all divisions, reissues, continuations and extensions thereof, the said interest being the entire ownership of said Letters Patent when granted to be held by said ASSIGNEE, its successors, assigns or their legal representatives, to the full end of the term for which said Letters Patent may be granted, as fully and entirely as the same would have been and enjoyed by Assignor(s) if this assignment had not been made, the application being known by the title:

SEMICONDUCTOR DEVICE AND MANUFACTURING METHOD OF THE SAME

Attorney Docket No.: 60640-20368.00

for which the undersigned has/have executed an application for patent in the United States of America on the same day herewith. Where this instrument is not filed concurrently with the application, the following identifying information may be added after execution:

Serial No.: 11/529,553

Filing Date: September 29, 2006

1. The undersigned hereby agree(s) to sign and execute any further documents and instruments which may be necessary, lawful and proper in the prosecution of said above-named application or in the preparation and prosecution of any continuing, continuation-in-part, substitute, divisional, renewal, reexamination or reissue application or in any amendments, extension of interference proceedings, or otherwise to secure the title thereto to the ASSIGNEE.

2. The undersigned agree(s) to execute all papers and documents and perform any act which may be necessary in connection with claims or provisions of the International Convention for Protection of Industrial Property of similar agreements.

3. The undersigned agree(s) to perform all affirmative acts which may be necessary to obtain a grant of a valid United States patent to the ASSIGNEE.

4. The undersigned hereby authorize(s) and request(s) the Commissioner of Patents in the United States to issue any and all Letters Patent resulting from said application or any division or divisions or continuing applications thereof to the said ASSIGNEE.

5. The undersigned hereby grant(s) to the firm of Morrison & Foerster LLP 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.

IN WITNESS WHEREBY, executed by the undersigned on the date(s) opposite the undersigned name(s).

November 15, 2006
Date

Yuichi Morita
Name: Yuichi MORITA

November 15, 2006
Date

Shinzo Ishibe
Name: Shinzo ISHIBE

November 16, 2006
Date

Takashi Noma
Name: Takashi NOMA

November 29, 2006
Date

Hisao Otsuka
Name: Hisao OTSUKA

December 2, 2006
Date

Yukihiro Takao
Name: Yukihiro TAKAO

November 22, 2006
Date

Hiroshi Kanamori
Name: Hiroshi KANAMORI