

PATENT ASSIGNMENT

Electronic Version v1.1

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SUBMISSION TYPE:

NEW ASSIGNMENT

NATURE OF CONVEYANCE:

ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
Keiji Mita	11/12/2008

RECEIVING PARTY DATA

Name:	SANYO Electric Co., Ltd.
Street Address:	2-5-5, Keihanhondori
City:	Moriguchi-shi, Osaka
State/Country:	JAPAN
Postal Code:	570-8677

Name:	SANYO Semiconductor Co., Ltd.
Street Address:	1-1-1, Sakata, Oizumi-machi
City:	Ora-gun, Gunma
State/Country:	JAPAN
Postal Code:	370-0596

Name:	SANYO Semiconductor Manufacturing Co., Ltd.
Street Address:	Koh 3000, Chiya
City:	Ojiya-shi, Niigata
State/Country:	JAPAN
Postal Code:	947-8502

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	12198614

CORRESPONDENCE DATA

Fax Number: (703)760-7777

Correspondence will be sent via US Mail when the fax attempt is unsuccessful.

PATENT

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REEL: 021871 FRAME: 0920

CH \$40.00 12198614

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ATTORNEY DOCKET NUMBER:

606402045600

NAME OF SUBMITTER:

Barry E. Bretschneider

Total Attachments: 2

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MORRISON & FOERSTER_{LLP}

For good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, the undersigned hereby assigns, transfers and sets over to:

**SANYO Electric Co., Ltd.
2-5-5, Keihanhondori
Moriguchi-Shi, Osaka 570-8677 Japan**

**SANYO Semiconductor Co., Ltd.
1-1-1, Sakata, Oizumi-Machi, Ora-Gun,
Gunma 370-0596 Japan**

**SANYO Semiconductor Manufacturing Co., Ltd.
Koh 3000, Chiya
Ojiya-Shi, Niigata 947-8502
Japan**

(hereinafter designated as the "ASSIGNEES"), 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 therefore, 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 ASSIGNEES, 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
THEREOF**

Attorney Docket No.: 60640-20456.00

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.: 12/198,614

Filing Date: August 26, 2008

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 ASSIGNEES.

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 ASSIGNEES

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).

Nov. 12, 2008
Date

Keiji MITA
Typed Name: Keiji MITA