

07-27-2005

DS



Form PTO-1595 (Rev. 09/04)
OMB No. 0651-0027 (exp. 6/30/2005)

U.S. DEPARTMENT OF COMMERCE
United States Patent and Trademark Office



103048841

To the Director of the U.S. Patent and Trademark Office: Please record the attached documents or the new address(es) below.

7-22-05

1. Name of conveying party(ies)/Execution Date(s):

Isao OCHIAI

Execution Date(s): July 7, 2005

Additional name(s) of conveying party(ies) attached? Yes No

2. Name and address of receiving party(ies)

Name: SANYO ELECTRIC CO., LTD.

Internal Address:

Street Address:

2-5-5, Keihanhondori
Osaka, Moriguchi-shi
570-8677
JAPAN

City:

State:

Country: Zip:

Additional name(s) & address(es) attached: Yes No

3. Nature of Conveyance:

- Assignment
- Security Agreement
- Government Interest Assignment
- Executive Order 9424, Confirmatory License
- Other
- Merger
- Change of Name

4. Application or patent number(s):

A. Patent Application No.(s)
11/111,999

This document is being filed together with a new application.

B. Patent No.(s)

Additional numbers attached? Yes No

5. Name and address to whom correspondence concerning document should be mailed:

Name: Barry E. Bretschneider
MORRISON & FOERSTER LLP

Internal Address: Atty. Dkt.: 492322027200

Street Address: 1650 Tysons Blvd, Suite 300

City: McLean

State: VA Zip: 22102

Phone Number: (703) 760-7743

Fax Number: (703) 760-7777

Email Address: BBretschneider@mofo.com

6. Total number of applications and patents involved:

1

7. Total fee (37 CFR 1.21(h) & 3.41) \$ 40.00

- Authorized to be charged by credit card
- Authorized to be charged to deposit account
- Enclosed
- None required (government interest not affecting title)

8. Payment Information

a. Credit Card Last 4 Numbers Expiration Date

b. Deposit Account Number 03-1952
Authorized User Name Barry E. Bretschneider

9. Signature:

Signature

July 22, 2005

Date

Barry E. Bretschneider - 28,055

Name of Person Signing

Total number of pages including cover sheet, attachments, and documents:

4

07/27/2005 EC00PER 00000171 031952 11111999

01 FC:8021

40.00 DA

va-123929

PATENT
REEL: 016797 FRAME: 0265

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

And

Kanto SANYO Semiconductor Co., Ltd.

2468-1, 2-chome, Sengoku, Oizumi-machi
Ora-gun, Gunma, 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.: 49232-20272.00

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.: 11/111,999

Filing Date: April 22, 2005

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).

July 7, 2005
Date

Isao Ochiai
Typed Name: Isao OCHIAI