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Form PTO-1595 (Rev. 08/05) OMB No. 0651-0027 (exp. 6/30/20	
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To the Director of the U.S. Patent and Trademark Office.	and address (es) below.		
Name of conveying party(ies):	2. Name and address of receiving party(ies)		
Shuji TANAKA (4/23/2007), Shuichi KIKUCHI	Name: SANYO ELECTRIC CO., LTD.		
(4/23/2007), Kiyofumi NAKAYA (4/23/2007), and Kazuhiro YOSHITAKE (4/24/2007)			
Additional name(s) of conveying party(ies) attached? Yes X No	Internal Address:		
	Street Address:		
3. Nature of conveyance/Execution Date(s):	2-5-5, Keihanhondori Moriguchi-shi, Osaka		
Execution Date(s): in parentheses after inventor name	570-8677		
X Assignment Merger Change of Name	JAPAN		
Security Agreement Joint Research Agreement	City:		
Government Interest Assignment	State:		
Executive Order 9424, Confirmatory License	Country: Zip:		
Other	Additional name(s) & address(es) Yes X No		
	attached?		
4. Application or patent number(s):	This document is being filed together with a new application.		
A. Patent Application No.(s)	B. Patent No.(s)		
11/708,682			
Additional numbers attached?	Yes X No		
5. Name and address to whom correspondence concerning document should be mailed:	6. Total number of applications and patents involved:		
Name: Barry E. Bretschneider			
MORRISON & FOERSTER LLP	7. Total fee (37 CFR 1.21(h) & 3.41) \$40.00		
Internal Address: Atty. Dkt.: 606402039100	Authorized to be charged by credit card		
Street Address: 1650 Tysons Blvd, Suite 300	X Authorized to be charged to deposit account		
	Enclosed		
	None required (government interest not affecting title)		
City: McLean	8. Payment Information		
State: VA Zip: 22102	a. Credit Card Last 4 Numbers		
Phone Number: (703) 760-7743	Expiration Date		
Fax Number: (703) 760-7777	b. Deposit Account Number 03-1952		
Email Address: BBretschneider@mofo.com	Authorized User Name Barry E. Bretschneider		
9. Signature:			
1 M/ hutter =	May 3, 2007		
Signature	Date		
Barry E. Bretschneider - 28,055	Total number of pages including cover		
Name of Person Signing	sheet, attachments, and documents:		

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Barry E. Bretschneider - 28,055 Name of Person Signing

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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 METHOD OF MANUFACTURING THE SAME

Attorney Docket No.: 60640-20391.00

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.: 11/708,682 Filing Date: February 21, 2007

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.

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- 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).

April 23, 2007	Shuji Tanaka
Date	Name: Shuji TANAKA
April 23, 2007	Shirshi Kilcueli
Date	Name: Shuichi KIKUCHI
April 23, 2007	Kiyofumi Nakaya
April 23, 2007 Date	<u>Kiyofumi Nakaya</u> Name: Kiyofumi NAKAYA
April 24. 2007	Harubina Proshitabo
April 24, 2007 Date	Name: Kazuhiro YOSHITAKE

Page 2 of 2

RECORDED: 05/03/2007