

12-22-2003

Substitute Form PTO-1595
Attorney Docket No.: 12732-189001
Client's Ref. No.: US6847



102629398

RECORDATION FORM COVER SHEET PATENTS ONLY

Commissioner for Patents: Please record the attached original document(s) or copy(ies).	
1. Name of conveying party(ies): 12.16.03 (1) Hideaki Kuwabara; (2) Junya Maruyama; (3) Yumiko Ohno; (4) Toru Takayama; (5) Yuugo Goto; (6) Etsuko Arakawa; and (7) Shunpei Yamazaki Additional name(s) attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	2. Name and address of receiving party(ies): Semiconductor Energy Laboratory Co., Ltd. 398 Hase Atsugi-shi Kanagawa-ken 243-0036 JAPAN Additional names/addresses attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
3. Nature of conveyance: <input checked="" type="checkbox"/> Assignment <input type="checkbox"/> Merger <input type="checkbox"/> Security Agreement <input type="checkbox"/> Change of Name <input type="checkbox"/> Other: Execution Dates: (1) November 27, 2003; (2) December 3, 2003; (3) December 3, 2003; (4) December 4, 2003; (5) December 5, 2003; (6) November 27, 2003; and (7) December 2, 2003	31355 U.S. PTO 10/735767 121603
4. Application number(s) or patent number(s): 10735767 If this document is being filed with a new application, the execution dates of the application are: (1) November 27, 2003; (2) December 3, 2003; (3) December 3, 2003; (4) December 4, 2003; (5) December 5, 2003; (6) November 27, 2003; and (7) December 2, 2003 A. Patent Application No(s): New Application B. Patent No(s): Additional numbers attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
5. Name/address of party to whom correspondence concerning document should be mailed: JOHN F. HAYDEN Fish & Richardson P.C. 1425 K Street, N.W. 11th Floor Washington, DC 20005-3500	6. Total number of applications/patents involved: 1 7. Total fee (37 CFR §3.41): \$40 <input checked="" type="checkbox"/> Enclosed <input type="checkbox"/> Authorized to charge Deposit Account. 8. Deposit Account No.: 06-1050 Please apply any additional charges, or any credits, to our Deposit Account No. 06-1050.
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9. Statement and Signature: <i>To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.</i> John F. Hayden Reg. No. 37,640 Name of Person Signing	
 Signature	
December 16, 2003 Date	
Total number of pages including coversheet, attachments and document: 3	

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ASSIGNMENT

For valuable consideration, We, Hideaki KUWABARA of Isehara, Kanagawa, Japan, Junya MARUYAMA of Ebina, Kanagawa, Japan, Yumiko OHNO of Atsugi, Kanagawa, Japan, Toru TAKAYAMA of Atsugi, Kanagawa, Japan, Yuugo GOTO of Atsugi, Kanagawa, Japan, Etsuko ARAKAWA of Atsugi, Kanagawa, Japan and Shunpei YAMAZAKI of Setagaya, Tokyo, Japan hereby assign to Semiconductor Energy Laboratory Co., Ltd., a Japanese corporation having a place of business at:

398, Hase, Atsugi-shi, Kanagawa-ken 243-0036 Japan

and its successors and assigns (collectively hereinafter called "the Assignee"), the entire right, title and interest throughout the world in the inventions and improvements which are subject of an application for United States Patent signed by us this day, entitled SEMICONDUCTOR DEVICE AND METHOD FOR MANUFACTURING THE SAME filed on _____, and assigned U.S. Serial Number _____, and we authorize and request the attorneys appointed in said application to hereafter complete this assignment by inserting above the filing date and serial number of said application when known; this assignment including said application, any and all United States and foreign patents, utility models, and design registrations granted for any of said inventions or improvements, and the right to claim priority based on the filing date of said application under the International Convention for the Protection of Industrial Property, the Patent Cooperation Treaty, the European Patent Convention, and all other treaties of like purposes; and we authorize the Assignee to apply in all countries in our name or in its own name for patents, utility models, design registrations and like rights of exclusion and for inventors' certificates for said inventions and improvements; and we agree for ourselves and our respective heirs, legal representatives and assigns, without further compensation to perform such lawful acts and to sign such further applications, assignments, Preliminary Statements and other lawful documents as the Assignee may reasonably request to effectuate fully this assignment.

Signature: Hideaki Kuwabara
Name: Hideaki KUWABARA
Date: 11/27/2003

Signature: Junya Maruyama
Name: Junya MARUYAMA
Date: 12/03/2003

Signature: Yumiko Ohno
Name: Yumiko OHNO
Date: 12/03/2003

Signature: Toru Takayama
Name: Toru TAKAYAMA
Date: 12/04/2003

Signature: Yuugo Goto
Name: Yuugo GOTO
Date: 12/05/2003

Signature: Etsuko Arakawa
Name: Etsuko ARAKAWA
Date: 11/27/2003

Signature: Shunpei Yamazaki
Name: Shunpei YAMAZAKI
Date: 12/02/2003