

Substitute Form PTO-1595 Attorney Docket No.: 07977/231001  
**RECORDATION FORM COVER SHEET**  
**PATENTS ONLY**

Assistant Commissioner for Patents: Please record the attached original document.

1. Name of conveying party(ies):  
**SHUNPEI YAMAZAKI**  
**HISASHI OHTANI**  
**HIDETO OHNUMA**  
**SATOSHI TERAMOTO**

Additional name(s) attached? ☐ Yes ☒ 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? ☐ Yes ☒ No

3. Nature of conveyance:  
☒ Assignment  
☐ Merger  
☐ Security Agreement  
☐ Change of Name  
☐ Other:

07-23-1998



100772163

Execution Date: 6/18/98 and 6/15/98 respectively

4. Application number(s) or patent number(s):  
If this document is being filed with a new application, the execution date of the application is:  
A. Patent Application No.(s): **09/030,727**  
B. Patent No.(s):

Additional numbers attached? ☐ Yes ☒ No

5. Name/address of party to whom correspondence concerning document should be mailed:

**Scott C. Harris, Reg. No. 32,030**  
**Fish & Richardson P.C.**  
**4225 Executive Square, Suite 1400**  
**La Jolla, CA 92037**

6. Total number of applications/patents involved: **1**

7. Total fee (37 CFR 3.41): **\$40**  
☒ Enclosed  
☐ Authorized to charge deposit account

8. Deposit account number: **06-1050**  
If the fee above is being charged to deposit account, a duplicate copy of this cover sheet is attached. Please apply any additional charges, or any credits, to our Deposit Account No. 06-1050.

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9. Statement and signature: *To the best of my knowledge and belief, the foregoing information is true and correct and the attached is the original document.*

**Scott C. Harris, Reg. No. 32,030**

Name of Person Signing

Signature

Date

Total number of pages including cover sheet, attachments, and document: **3**

Date of Deposit **7-17-98**

I hereby certify under 37 CFR 1.8(a) that this correspondence is being deposited with the United States Postal Service as **first class** mail with sufficient postage on the date indicated above and is addressed to the Assistant Commissioner for Patents, Washington, D.C. 20231.

**Patent**  
**REEL 9306 FRAME 0887**

FISH & RICHARDSON P.C.

ASSIGNMENT

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:

SEMICONDUCTOR ENERGY LABORATORY CO., LTD.

having the address:

398, Hase, Atsugi-shi, Kanagawa-ken 243-0036 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 Patents which may be granted therefor, 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 THEREOF

Attorney Docket No: 07977/231001

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. 09/030,727

Filing Date: February 23, 1998

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, reviewed or reissue application or in any amendments, extension or 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 or similar agreements.

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3. The undersigned agree 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 Patents 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 Fish & Richardson P.C. 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 whereof, executed by the undersigned on the date(s) opposite the undersigned name(s).


June 18, 1998

Date

  
Typed Name: Shunpei YAMAZAKI

June 18, 1998

Date

  
Typed Name: Hisashi OHTANI

June 18, 1998

Date

  
Typed Name: Hideto OHNUMA

June 15, 1998

Date

SATOSHI TERAMOTO  
Typed Name: Satoshi TERAMOTO

\_\_\_\_\_  
Date

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Typed Name:

\_\_\_\_\_  
Date

\_\_\_\_\_  
Typed Name:

\_\_\_\_\_  
Date

\_\_\_\_\_  
Typed Name: