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Name of conveying party(les):	Name and address of receiving party(ies);		
Shunpei Yamazaki, Toshiji Hamatani and	Semiconductor Energy Laboratory Co., Ltd.		
Takeshi Fukada	398 Hase Atsugí-shi		
Additional name(s) attached? ☐ Yes 図 No	Kanagawa-ken 243-0036 JAPAN		
3. Nature of conveyance:	OTH THE		
⊡ Assignment □ Merger			
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Execution Date: 08/01/1997; 08/01/1997; and	Additional names/addresses attached? ☐ Yes 图 No		
07/31/1997			
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:		
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I hereby certify that this correspondence is being transmitted by facsimile to the Patent and Trademark Office on the date indicated below.

September 14, 2005 Date of Transmission

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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 Laboratoy Co., Ltd.

having the address:

398, Hase, Atsugi-shi, Kanagawa-ken 243 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:

THIN FILM SEMICONDUCTOR DEVICE AND METHOD OF MANUFACTURING THE SAME
Attorney Docket No: 07977/133001

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. 08/813,541 Filing Date: March 7, 1997

- 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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- 5. 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) opposits the undersigned name(s).

August 1, 1997 Date	Type Name: Shanpei YAMAZAKI
August 1, 1997 Date	Typed Name: Toshiji HAMATANI
<u>July 31, 1997</u> Date	Typed Name: Takeshi FUKADA

This assignment may be signed before a U.S. Notary Public or before at least two witnesses who also sign here:

Date	Typed Name:
Date	Typed Name:

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