U.S. DEPARTMENT OF COMMERCE

U.S. Patent and Trademark Office Docket No. 740756-2987 103267425 To the Honorable Commissioner of Patents and Trademarks: Please record the attached original documents or copy thereof. 2. Name and address of receiving party: 1. Name of conveying party: (1) Gen FUJII Name: Semiconductor Energy Laboratory Co., Ltd. Additional name(s) of conveying party(ies) attached? ☐ Yes ☐ No Street Address: 398, Hase, 3. Nature of conveyance: State: Kanagawa-ken Zip: City: Atsugi-shi Merger ■ Assignment Postal Code: 243-0036 Country: Japan Security Agreement Change of Name ☐ Other Execution Date(s): 1st Inventor: June 20, 2006 4. Application number(s) or patent number(s); If this document is being filed together with a new application, the filing date of the application is: June 26, 2006 B. Patent No.(s) Patent Application No.(s) Additional numbers attached? Yes No 6. Total number of applications and patents involved: 1 5. Name and address of party to whom correspondence concerning document should be mailed: 7. Total fee (37 CFR 3.41).....\$40.00 Attorney Name: Jeffrey L. Costellia ☐ Enclosed Firm Name: Nixon Peabody LLP Authorized to be charged to deposit account Internal Address: Suite 900 8. Deposit account number: Street Address: 401 Ninth Street, N.W.

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9. Statement and signature.

To the best of my knowledge and belief, the foregoing information is true and co ect and any attached copy is a true copy of the original document.

Jeffrey L. Costellia

Name of Person Signing

11474474

City: Washington State: D.C. Zip: 20004

19-2380 (740756-2987)

(Attach duplicate copy of this page if paying by deposit account)

June 26, 2006 Date

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

Mail documents to be recorded with required cover sheet information to:

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PATENT REEL: 018033 FRAME: 0248

NIXON PEABODYLLP

United States Patent Rights

	Attorney Docket No.
ASSIGNMENT	
Serial No.	Filed
WHEREAS, Gen FUJII (hereinafter designated as the undersigned) has (have) invented certain new and useful improvements in SEMICONDUCTOR DEVICE AND MANUFACTURING METHOD OF THE SAME for which an application for Letters Patent of the United States of America has been executed by the undersigned on, and;	
WHEREAS, Semiconductor Energy Laborated Kanagawa-ken, 243-0036 Japan and its heirs, a (hereinafter designated as the Assignee) is desinterest in and to said invention and in and to	sirous of acquiring the entire right, title and

NOW, THEREFORE, in consideration of the sum of One Dollar (\$1.00) to the undersigned in hand paid, the receipt of which is hereby acknowledged, and other good and valuable consideration, the undersigned has (have) sold, assigned and transferred, and by these presents do sell, assign and transfer unto said Assignee the full and exclusive right to the said invention in the United States of America and its territories and for all foreign countries, dependencies and possessions and the entire right, title and interest in and to any and all Letters Patent(s) which may be granted therefor in the United States of America and its territories, dependencies and possessions, and in and to any and all divisions, reissues, continuations and extensions thereof for the full term or terms for which the same may be granted.

therefor in the United States of America;

The undersigned agree(s) to execute all papers necessary in connection with this application and any continuing, divisional or reissue applications thereof and also to execute separate assignments in connection with such applications as the Assignee may doem necessary or expedient.

The undersigned agree(s) to execute all papers necessary in connection with any interference which may be declared concerning this application or any continuation, division or reissue thereof or Letters Patent(s) or reissue patent issued thereon and to cooperate with the Assignee in every way possible in obtaining and producing evidence and proceeding with such interference.

The undersigned agree(s) to execute all papers and documents and to perform any act which may be necessary in connection with claims under or provisions of the International Convention for the Protection of Industrial Property or similar agreements.

The undersigned agree(s) to perform all affirmative acts which may be necessary to obtain a grant of a valid United States patent(s) to the Assignee and to vest all rights therein hereby conveyed to said Assignee as fully and entirely as the same would have been held by the undersigned if this Assignment and sale had not been made.

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The undersigned hereby authorize(s) and request(s) the Commissioner of Patents and Trademarks to issue any and all Letters Patents of the United States of America resulting from said application or any division or divisions or continuing or reissue applications thereof to the said Assignee, as Assignee of the entire interest, and hereby convenants that he has (they have) the full right to convey the entire interest herein assigned, and that he has (they have) not executed, and will not execute, any agreement in conflict herewith.

The undersigned hereby grant(s) the law firm of Nixon Peabody 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 U.S. Patent and Trademark Office for recordation of this document.

In witness thereof, this Assignment has been executed by the undersigned on the date(s) opposite the undersigned name(s).

Date 06/20/2006, Name of Inventor gen Fujii

(This assignment should preferably be acknowledged before a United States Consul or Notary Public. If not, then the execution by the Inventor(s) should be witnessed has (have) invented certain new and useful improvements in by at least two other persons who should sign here.)

Witness (name) (signature) Witness (name) (signature) Witness (name) (signature)

PATENT

RECORDED: 06/26/2006 REEL: 018033 FRAME: 0250