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Q	7/157941	RECORDATION FORM COVER SHEET	Docket: 0756-187
To the H	lonorable Assistant Commissioner for	Patent. Please record the attached original documents or copy thereof.	0
1.	Name of conveying parties: Shunpei	YAMAZAKI, Jun KOYAMA, Yurika SATOU	
Additiona	al name(s) of conveying party(ies) atta	iched? [] Yes [X] No	U.S. 1579
	Name and address of receiving party emiconductor Energy Laboratory Co.,	Ltd.	j∝525 09/.
	ddress: <u>398, Hase, Atsugi-shi, Kanaga</u>		
	al name(s) & addresses(es) attached?	State ZIP Yes No	
3.	Name of Conveyance:		
0.	[X] Assignment	[] Merger	
	[] Security Agreement [] Other		
	Execution Date: September 16, 1998	8	
4.	Application number(s) or patent num If this document is being filed toget Title: <u>SEMICONDUCTOR DEVICE AN</u>	her with a new application, the execution date of the application is: September 16, 1998	
	A: Patent Application No.(
	·····	Additional numbers attached? Yes No	
5.	Name: SIXBEY, FRIEDMAN, LEEDON		
	Street Address: <u>2010 Corporate Rid</u> City: <u>McLean</u>		
	oity. <u>Mictean</u>	State: <u>Virginia</u> ZIP <u>22102</u>	
6.	Total number of applications and pa	tents involved: <u>1</u>	
7.	Total fee (37 CFR 3.41):\$4(0.00	
	[X] Enclosed		
	[] Authorized to be cha	nged to deposit account	
8.	Deposit Account Number:	4	· · · · · · · · · · · · · · · · · · ·
9/28/199	8 PSTANDAC 00000044 192380 091	157941 (tach duplicate copy of this page if paying by deposit account)	
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9.	Statement and signature.	-	
9.	-	eljef, the foregoing information is true and correct and any attached copy is a true copy o	f the orig

<u>Gerald J. Ferguson, Jr.</u> Name of Person Signing

9/21/98 Date

 Signature
 Date

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

PATENT REEL: 9476 FRAME: 0174

SIXBEY, FRIEDMAN, LEEDOM & FERGUSON, P.C. United States Patent Rights

ATTORNEY DOCKET NO.

	ASSIGNMENT				
	Serial No	Filed			
	WHEREAS,	Shunpei YAMAZAKI,			
		Jun KOYAMA and			
Insert Name(s) of Inventor(s)		Yurika SATOU			
Insert Title of	(hereinafter designated as the undersigned) has (have) invented certain new and useful improvements in				
Invention	••••••••••••••••••••••••••••••••••••••	SEMICONDUCTOR DEVICE AND FABRICATION			
		METHOD THEREOF			
Insert Date of Signing of Application	for which an app	lication for Letters Patent of the United States of America has been executed by the undersigned on			
Insert Name of Assignce	WHEREAS, .	SEMICONDUCTOR ENERGY LABORATORY CO., LTD.			
Insert Address	of398	, Hase, Atsugi-shi, Kanagawa-ken 243-0036 Japan			
of Assignce					

its heirs, successors, legal representatives and assigns (hereinafter designated as the Assignee) is desirous of acquiring the entire right, title and interest in and to said invention and in and to any Letters Patent(s) that may be granted therefor in the United States of America;

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, 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, 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.

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 deem necessary or expedient.

The undersigned agree(s) to execute all papers necessary in connection with any interference v hich 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 Assignce and to vest all rights therein hereby conveyed to said Assignce as fully and entirely as the same would have been held by the undersigned if this Assignment and sale had not been made.

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 Sixbey, Friedman, Leedom & Ferguson, 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 U.S. Patent and Trademark Office for recordation of this document.

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

Date September 16, 1998	_, Name of Inventor _ Shan Conti	(SEAL)
	Shunpei YAMAZAKI (signatura)	
Date September 16, 1998	Jun KOYAMA	(SEAL)
Date September 16, 1998	_, Name of Inventor Yurika Satou Yurika SATOU (signature)	(SEAL)
Date	, Name of Inventor	(SEAL)
Date	, Name of Inventor	(SEAL)

(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 by at least two other persons who should sign here.)

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

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RECORDED: 09/22/1998