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U.S. DEPARTMENT OF COMMERCE
U.S. Patent and Trademark Office

OMB No. 0651-0027 (exp. 5/31/2002)	Docket No. <u>0756-2211</u>	
To the Honorable Commissioner of Patrats and Trader	marks: Please record the attached original documents or copy thereof.	
Name of conveying party(ies) Hideomi SUZAWA	2. Name and address of receiving party(ies)	
Koji ONO	Name: Semiconductor Energy Laboratory Co.	
Hideto OHNUMA Hirokazu YAMAGATA	No Internal Address:	
Shunpei YAMAZAKI Additional name(s) of conveying party(ies) action with the second sec	No Street Address: 398, Hase	
 Nature of conveyance: ☐ Assignment ☐ Merger ☐ Security Agreement ☐ Change of Nam 	Atsugi-shi	
	Jame City: <u>Kanagawa-ken</u> State: Zip:	
☑ Other Correct – See Section # 6	Country: Japan Postal Code: 243-00	
	Additional name(s) & address(es) attached? ☐ Yes ☒ N	
Execution Date: 11/29/2000; 11/29/2000; and 11/30/	2000 Additional name(s) & address(es) attached? Li Yes Li N	
4. Application number(s) or patent number(s);		
	w application, the execution date of the application is:	
A. Patent Application No.(s) 09/664,359	B. Patent No.(s)	
	ibers attached? ☐ Yes ☒ No	
Name and address of party to whom corresponden- concerning document should be mailed:		
Attorney Name: Eric J. Robinson	8. Total fee (37 CFR 3.41)\$40.00	
Firm Name: Nixon Peabody LLP Internal Address: Suite 800	☑ Enclosed	
Street Address: 8180 Greensboro Drive.	☐ Authorized to be charged to deposit account	
City: McLean State: VA Zip: 22102		
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Eric J. Robinson, Reg. No. 38,285	Deta	
Name of Person Signing	Signature	
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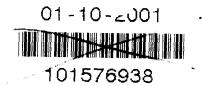
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PATENT 0756-2211

o the Honorable Commissioner of Patents

101	the Honorable Commissioner of I	Patents			
Plea	se record the attached original do	ocuments or copy thereo	of.		
1.		Name of conveying parties: Hideomi SUZUWA; Koji ONO; Hideto OHNUMA; Hirokazu YAMAGATA			
Add	itional name(s) of conveying part	and Shunpei YAMAZ	AIXI		
2.	Name and address of receivi		es (X) N	NO	
	Name: SEMICON	DUCTOR ENERGY I	ABORATORY	CO., LTD	
	Street Address: 398, Hase, State: Country:	Atsugi-shi Japan	City: Kanag Zip/Postal Cod	awa-ken	
Addi	tional name(s) & addresses(es) a	<u>-</u>		c. 243-0030	
3.	Name of Conveyance:		••		
	(X) Assignment	() Merger	()	Security Agreement	
	()Change of Name	() Other			
Assig Nove	nment Execution Date: Novemb mber 28, 2000	er 29, 2000; November	30, 2000, Noven	nber 29, 2000, November 29, 2000 and	
4.	Application number(s) or pate	ent number(s): 09/664,3	59		
	If this document is being filed	together with a new ap	plication, the exe	cution date of the application is:	
B.	A: Patent Application N Patent No.(s)	o.(s)	, , , , , , , , , , , , , , , , , , , ,	and of the application is	
Title:	SEMICONDUCTOR DEVICE	E AND METHOD OF	EADDIC ATTING	THILE CARME	
	onal numbers attached? Yes		PADRICATING	THE SAME	
5.	Name and address of party to v	whom correspondence c	oncerning docun	nent should be mailed:	
		NIXON PEABO 8180 Greensboro Dr McLean, Virgin	ive, Suite 800		
6.	Total number of applications as	nd patents involved: (One (1)		
7.	Total fee (37 C.F.R. § 3.41) of	\$40.00 is enclosed.			
8.	Deposit Account Number: 19-2	2380 (Attach de	uplicate copy of t	his page if paying by deposit account)	
		DO NOT USE TH	IIS SPACE		
9.	Statement and signature.				
a true o	To the best of my knowledge ar copy of the original document.	nd belief, the foregoing i	information is tri	e and correct and any attached copy is	
			1	0/-02-01	
Eric J.	Robinson, Reg. No. 38,285	Signature		Date	
	Total number of pages co	emprising cover sheet, a	ttachments and d	ocument: Three (3)	
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PATENT REEL: 012266 FRAME: 0847

NIXON PEABODY LLP

United States Patent Rights

Attorney Docket No. 0756-2211

ASSIGNMENT

Serial No. 09/664,359

Filed September 18,2000

WHEREAS, Hideomi SUZAWA, Koji ONO, Hideto OHNUMA, Hirokazu
YAMAGATA and Shunpei YAMAZAKL (hereinafter designated as the undersigned) has
(have) invented certain new and useful improvements in SEMICONDUCTOR DEVICE AND
METHOD OF FABRICATING THE SAME for which an application for Letters Patent of the
United States of America has been executed by the undersigned on
, and;

WHEREAS, <u>Semiconductor Energy Laboratory Co., Ltd.</u> of <u>398, Hase, Atsugi-shi, Kanagawa-ken 243-0036 Japan</u> 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 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.

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 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

PATENT REEL: 012266 FRAME: 0848 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.

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 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 $\frac{it/2i/2cx}{}$,	Name of Inventor Andrew Standard (SEAL) Hideomi SUZAWA		
	Name of Inventor <u>koji Uno</u> (SEAL) Koji ONO		
	Name of Inventor Hide to Chnuma (SEAL) Hideto OHNUMA		
	Name of Inventor Hirokazu YAMAGATA (SEAL)		
Date <u>///78/200</u> 0	Name of Inventor Shuppei YAMAZAKI		
(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)		

(signature)

(signature)

Witness

Witness

(name)

(name)

RECORDED: 10/19/2001

PATENT REEL: 012266 FRAME: 0849