9-27-00 RECORDATION FORM

101488554 ocket No.: 0756-2208

to the i	donorable Assistant Cor	nmissioner for Pai	ient. Please re	ecord the attached original	nal documents or c	opy thereof.	
1.	Name of conveying par	ty: Hiroshi SHIB	ATA, Atsuo I!	SOBE			O T
Additio	nal name(s) of conveyin						7.80
)	Name and address of re	eceiving party:					2.1.s
	Semiconductor Energy L		ď				9
	ddress: 398, Hase, Atsu			Janan			200
City	3 3 3 4 1100	State	7.	IP			
Additio	nal name(s) & addresses	(es) attached? []	Yes [] No		A ANGENIA - 14		
3.	Name of Conveyance:						
	-	nt	[] Merge	or .			
	Security A	nt Agreement	[]Chang	e of Name		0.1	
	[] Other					09/671	1760
	Execution Dates: Augu						
4	Application number(s)	or patent number(s).				
	If this document is being			lication the execution	date of the a nn licat	ion ie: Anonet 20-2	000
	Title: SEMICONDUC	TOR DEVICE AN	ID METHOD	OF MANUFACTUR	ing thereof	ion is. <u>August 29, 2</u>	000
		lication No.(s)			tent No.(s)		
			dditional numb	pers attached? [] Yes			
				[]	[] - · ·		
5.	Name and address of pa	arty to whom corr	espondence co	oncerning document sh	ould be mailed:		
	Name: NIXON PEABO	DDY LLP					
	Street Address: 8180 G	reensboro Drive,	Suite 800				
	City: McLean			State: Virginia	ZIP	22102	
4.	Total number of ourtice		incompleted 1				
6	Total number of applica	mons and patents	mvoived: 1	-			
**1	Total fee (37 CFR 3.41)· \$40.00					
	[X] Enclosed						
		ed to be changed t	to denosit acco	ount			
	į, j						
8.	Deposit Account Numb						
		(Atta	ch duplicate co	opy of this page if payi	ing by deposit accor	unt)	
***************************************		Miller and the second s	DO NO	T USE THIS SPACE			
9.	Statement and signature).					
	To the best of my knowle	dge and belief, the	foregoing infe	ormation is true and co	rrect and any attach	hed copy is a true cop	y of the original
do cum es	nt.						
			5 -	-	9/15	F. 4	
	Cobinson	<u> </u>			9-27-	90	
Name of	f Person Signing	Signa	ture		Date		
4	-2000 Bu Sand and Angla	69671780 number of pages	includino cove	er sheet lattachments la	nd document: 3		
		40.00 B	morading cove	once, unacimients, a	iki document3_		
4.1							

PATENT **REEL: 011146 FRAME: 0370**

NIXON PEABODY LLP

United States Patent Rights

Attorney Docket No.

Filed

ASSIGNMENT

Serial No._____

WHEREAS, Hiroshi SHIBATA and Atsuo ISOBE. (hereinafter designated as the						
undersigned) has (have) invented certain new and useful improvements in						
SEMICONDUCTOR DEVICE AND METHOD OF MANUFACTURING THEREOF 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. of 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 Convention for the Protection of Industrial Property or similar agreements.

PATENT REEL: 011146 FRAME: 0371 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 <u>26/29/</u>	<u>'2000,</u>	Name of Inventor-	Hivo≰ri oshi SHIBA		(SEAL)	
Date <u>৩৪/১৭/</u>	2000,	Name of Inventor	Atsuo suo ISOBE	Isone	(SEAL)	
Date	······································	Name of Inventor			—(SEAL)	
Date	······································	Name of Inventor			(SEAL)	
					ted States Consul or Notary Publ. Least two other persons who show	
Witness	(rame)		(signatu	re)		
Witness	(name)		(signatu	re)		
Wilness						

(signature)

(riame)

RECORDED: 09/27/2000

PATENT REEL: 011146 FRAME: 0372