

02-17-2000

Docket No. 0756-2069

To the Honorable Commissioner of Patent and Trademarks. Please record the attached original documents or copy thereof.

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1.	Name of conveying party(ies): Shunpei YAMAZAKI			
	Additional name(s) of conveying party(ies) attached?Yes X No			
2.	Name and address of receiving party(ies):			
	Name: Semiconductor Energy Laboratory Co., Ltd. Address: 398, Hase, Atsugi-shi			
	Kanagawa-ken 243-0036 Japan			
	Additional name(s) & addresses(es) attached? Yes _X_No			
3.	Name of Conveyance: X Assignment Merger Security Agreement Change of Name Other			
	Execution Date:			
4.	Application number(s) or patent number(s):			
	If this document is being filed together with a new application, the execution date of the application is:			
	A. Patent Application No. 09/440,633 B. Patent No.(s)			
	Additional numbers attached? Yes _X_ No			
5.	Name and address of party to whom correspondence concerning document should be mailed:			
<i>.</i>	Name and address of party to whom correspondence concerning document should be malied.			
	Name: Sixbey, Friedman, Leedom & Ferguson, P.C.			
	Street Address: 8180 Greensboro Drive, Suite 800			
	City: McLean State: Virginia ZIP: 22102			
6.	Total number of applications and patents involved:1_			
7.	Total fee (37 CFR 3.41):\$ 40.00			
	 X Enclosed X Authorized to charge any deficiency in the payment of the required fee(s) or credit any overpayment to Deposit Account No. 19-2380. 			
8.	Deposit Account Number: 19-2380 (Attach duplicate copy of this page if paying by deposit account)			
2/14	1/2000 MMMMUL 00000011 09440633 DO NOT USE THIS SPACE			
- F (C1561 40.00 OP DO NOT USE THIS SPACE			
9.	Statement and signature.			
cop	To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true by of the original document.			
	Eric J. Robinson 2-3-2000			
	me of Person Signing Signature Date			

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

ATTORNEY DOCKET NO. 0756-2069

ASSIGNMENT

	Serial No. 09/440,633	Filed 11/16/99
	WHEREAS, Shunpei YAMAZAKI	
Insert Name(s) of Inventor(s)		
Insert Title of Invention	(hereinafter designated as the undersigned) has (I	nave) invented certain new and useful improvements in
Insert Date of Signing of Application	•	United States of America has been executed by the undersigned on ; and
Insert Name of Assignce		
Insert Address of Assignce	of <u>398, Hase, Atsugi</u> -shi, Ka	
	•	assigns (hereinafter designated as the Assignee) is desirous of d to said invention and in and to any Letters Patent(s) that may be
	NOW, THEREFORE, in consideration of the	e 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 Assignce 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, 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.

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PATENT REEL: 010549 FRAME: 0337

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 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 of Sixbey, Friedman, Lecdom & 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).

Can An

Date 01/21/20	Name of Inventor	we Janko	(SEAL)
	Shunpei YAMAZAKI	(signature)	
Date	, Name of Inventor	(signature)	(SEAL)
Date	, Name of Inventor	(signature)	(SEAL)
	, Name of Inventor		
	, Name of Inventor		
by the Inventor(s) should be wi	ferably be acknowledged before a United States Co tnessed by at least two other persons who should si		en the execution
Witness	(name)	(signature	
Witness	(name)	(signsture)
Wimess			

(name)

RECORDED: 02/09/2000

PATENT REEL: 010549 FRAME: 0338

(signature)