Substitute Form PTO-1595 Attorney Docket No.: 07977-269003 Client's Ref. No.: US4818D1D1

PATENTS ONLY

Commissioner for Patents: Please record the attached original docume	ent(s) or copy(ies).						
Name of conveying party(ies):	Name and address of receiving party(ies):						
Hajime Kimura	Semiconductor Energy Laboratory Co., Ltd.						
Additional name(s) attached? ☐ Yes 图 No	398 Hase Atsugi-shi						
3. Nature of conveyance:	Kanagawa-ken 243-0036 JAPAN						
 ☑ Assignment ☐ Merger ☐ Security Agreement ☐ Change of Name ☐ Other: 	JAPAN						
Execution Date: 02/27/2001	Additional names/addresses attached? ☐ Yes ☒ No						
Application number(s) or patent number(s):							
If this document is being filed with a new application, the execution date of the application is:							
A. Patent Application No(s).:	B: Patent No(s).:						
10/944,946							
Additional numbers attached? ☐ Yes 图 No							
Narne/address of party to whom correspondence concerning document should be mailed:	6. Total number of applications/patents involved: 1						
JOHN F. HAYDEN	7. Total fee (37 CFR §3.41): \$40						
Fish & Richardson P.C.	☐ Enclosed						
1425 K Street, N.W. 11th Floor	Authorized to charge Deposit Account.						
Washington, DC 20005-3500	8. Deposit Account No.: 06-1050						
Washington, Do 20000 0000	Please apply any additional charges, or any credits, to our Deposit Account No. 06-1050.						
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9. Statement and Signature: To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.							
Roberto J. Devoto Reg. No. 55,108 Name of Person Signing Signature	11/9/05 Date						
Total number of pages including coversheet, attachments and document: 4							

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PATENT REEL: 016990 FRAME: 0908

2003

FISH & RICHARDSON P.C.

ASSIGNMENT

For good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, the undersigned hereby assign(s), transfer(s) and set(s) over to:

Semiconductor Energy Laboratory Co., Ltd.

having the address:

398, Hase, Atsugi shi, Kanagawa ken 243-0036 Japan

(hereinafter designated as the "ASSIGNEE"), its successors and assigns, the entire right, title, and interest for the United States in the invention, and all applications for patent and any Letters Patent which may be granted therefor, including said application, and all United States Letters Patents which may be granted therefor, and all divisions, reissues, continuations and extensions thereof, the said interest being the entire ownership of said Letters Patent when granted to be held by said ASSIGNEE, its successors, assigns or their legal representatives, to the full end of the term for which said Letters Patent may be granted, as fully and entirely as the same would have been and enjoyed by Assignor(s) if this assignment had not been made, the application being known by the Title:

ELECTRO-OPTICAL DEVICE

Attorney Docket No: 07977/269001

for which the undersigned has/have executed an application for patent in the United States of America on the same day herewith. Where this instrument is not filed concurrently with the application, the following identifying information may be added after execution:

Serial No.

Filing Date: March 26, 2001

- 1. The undersigned hereby agree(s) to sign and execute any further documents and instruments which may be necessary, lawful and proper in the prosecution of said above named application or in the preparation and prosecution of any continuing, continuation in part, substitute, divisional, renewal, reviewed or reissue application or in any amendments, extension or interference proceedings, or otherwise to secure the title thereto to the ASSIGNEE.
- 2. The undersigned agree(s) to execute all papers and documents and perform any act which may be necessary in connection with claims or provisions of the International Convention for Protection of Industrial Property or similar agreements.

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3.	The	undersigned	agree to	perform	all	affirmative	acts	which	may	be
necessary to ob	tain a	grant of a va	lid Unite	d States p	ate	nt to the AS	SIGN	EE.		

- 4. The undersigned hereby authorize(s) and request(s) the Commissioner of Patents in the United States to issue any and all Letters Patents resulting from said application or any division or divisions or continuing applications thereof to the said ASSIGNEE.
- 5. The undersigned hereby grant(s) to the firm of Fish & Richardson 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 United States Patent and Trademark Office for recordation of this document.

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

02/27/2001	Hajime Kimura	
Date	Typed Name: Hajime KIMURA	_
Date	Typed Name:	
Date	Typed Name:	
This assignment two witnesses who also s	t may be signed before a U.S. Notary Public or sign here:	before at least
Date	Typed Name:	_
Date	Typed Name:	

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