

Substitute Form PTO-1595 Attorney Docket No.: 12732-087001 Client's Ref. No.: US5381/5474/5502

SHEET 101932349

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Commissioner for Patents: Please record the attached original docum	nent(s) or copy(ies).
Name of conveying party(ies):	2. Name and address of receiving party(ies):
Satoshi Seo and Shunpei Yamazaki	Semiconductor Energy Laboratory Co., Ltd. 398 Hase Atsugi-shi Kanagawa-ken 243-0036 JAPAN
Additional name(s) attached? ☐ Yes 図 No	
3. Nature of conveyance:	
■ Assignment	
☐ Merger ☐ Security Agreement	
☐ Change of Name	
☐ Other:	
Execution Dates	Additional names/addresses attached? ☐ Yes 図 No
December 7, 2001 and December 13, 2001	
Application number(s) or patent number(s):	
If this document is being filed with a new application, the execution December 7, 2001 and December 13, 2001	on datesof the application is:
A. Patent Application No(s).:	B: Patent No(s).:
	attached? □ Yes ☑ No /0/02 606 4
Name/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
601 Thirteenth Street, NW Washington, DC 20005	☐ Authorized to charge Deposit Account.
	8. Deposit Account No.: 06-1050
	Please apply any additional charges, or any credits, to our Deposit Account No. 06-1050.
DO NOT US	SE THIS SPACE
a Statement and Signature: To the best of my knowledge ar	nd belief, the foregoing information is true and correct and
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John F. Hayden	December 21, 2001
Reg. No. 37,640 Signature	Date
Name of Person Signing	2 and desument 2
T	otal number of pages including coversheet, attachments and document: 2

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ASSIGNMENT

For valuable consideration, We, Satoshi SEO of Atsugi, Kanagawa, Japan and Shunpei YAMAZAKI of Setagaya, Tokyo, Japan hereby assign to Semiconductor Energy Laboratory Co., Ltd., a Japanese corporation having a place of business at:

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

and its successors and assigns (collectively hereinafter called "the Assignee"), the entire right, title and interest throughout the world in the inventions and improvements which are subject of an application for United States Patent signed by us this day, entitled <u>LUMINESCENT DEVICE</u> filed on _____, and assigned U.S. Serial Number _____, and we authorize and request the attorneys appointed in said application to hereafter complete this assignment by inserting above the filing date and serial number of said application when known; this assignment including said application, any and all United States and foreign patents, utility models, and design registrations granted for any of said inventions or improvements, and the right to claim priority based on the filing date of said application under the International Convention for the Protection of Industrial Property, the Patent Cooperation Treaty, the European Patent Convention, and all other treaties of like purposes; and we authorize the Assignee to apply in all countries in our name or in its own name for patents, utility models, design registrations and like rights of exclusion and for inventors' certificates for said inventions and improvements; and we agree for ourselves and our respective heirs, legal representatives and assigns, without further compensation to perform such lawful acts and to sign such further applications, assignments, Preliminary Statements and other lawful documents as the Assignee may reasonably request to effectuate fully this assignment.

Date:

Signature: Latoshi Seo

Name: Satoshi SEO

12/07/2001

RECORDED: 12/21/2001

Signature: Stany

Shunpei YAMAZAKI Name:

Date:

PATENT REEL: 012406 FRAME: 0215