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Substitute Form PTO-1595 Attorney Docket No.: 12732-106001 Client's Ref. No.: US5830/6396

Commissioner for Patents: Please record the attached original docur	ment(s) or copy(ies).
1. Name of conveying party(ies):	Name and address of receiving party(ies):
Shunpei Yamazaki 7-10-02	Semiconductor Energy Laboratory Co., Ltd. 398 Hase Atsugi-shi Kanagawa-ken 243-0036 JAPAN
Additional name(s) attached? ☐ Yes 图 No	
3. Nature of conveyance:	
<ul><li>☑ Assignment</li><li>☐ Merger</li><li>☐ Security Agreement</li><li>☐ Change of Name</li><li>☐ Other:</li></ul>	Jog12 U.
Execution Date: July 1, 2002	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	on date of the application is: July 9, 2002
A. Patent Application No(s).:	B: Patent No(s).:
10,191517	
Additional numbers	attached? ☐ Yes ເ No
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
1425 K Street, N.W. 11th Floor	☐ Authorized to charge Deposit Account.
Washington, DC 20005-3500	8. Deposit Account No.: 06-1050
,, <u>a o e e e e e e e e e e e e e e e e e e </u>	Please apply any additional charges, or any credits, to our Deposit Account No. 06-1050.
DO NOT US	SE THIS SPACE
9. Statement and Signature: To the best of my knowledge an any attached copy is a true copy of the original docume	nd belief, the foregoing information is true and correct and ent.
John F. Hayden	Ham July 10, 2002
Reg. No. 37,640 Name of Person Signing Signature	
name of reison signing signature	V Date

07/22/2002 TBIAZ1 00000087 10191517 01 FC 581 40.00 Total number of pages including coversheet, attachments and document:  $\boldsymbol{2}$ 

## **ASSIGNMENT**

For valuable consideration, I, 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 LIGHT EMITTING DEVICE AND METHOD OF MANUFACTURING
THE SAME_filed, 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. Preliminary Statements and other lawful documents as the Assignee may
reasonably request to effectuate fully this assignment.

Name:

Shunpei YAMAZAKI

**RECORDED: 07/10/2002** 

Date:

REEL: 013099 FRAME: 0281

**PATENT**