

Substitute Form PTO-1595 Attorney Docket No.: 12732-187001 Client's Ref. No.: US6799/6858

& SHEET

Commissioner for Patents: Please record the attached original docume	ent(s) or copy(ies).
Name of conveying party(ies):	2. Name and address of receiving party(ies):
Shunpei Yamazaki	Semiconductor Energy Laboratory Co., Ltd. Q
Additional name(s) attached? ☐ Yes ☒ No	398 Hase Atsugi-shi
3. Nature of conveyance:	H Kanagawa-ken 243-0036 ທ່ວວ JAPAN ⊃່ວ
☑ Assignment ☐ Merger ☐ Security Agreement ☐ Change of Name ☐ Other:	22264 L 10/73;
Execution Date: December 2, 2003	Additional names/addresses attached? ☐ Yes ☒ No
4. Application number(s) or patent number(s):	
If this document is being filed with a new application, the execution date of the application is: December 2, 2003	
A. Patent Application No(s).:	B: Patent No(s).:
New Application	10732807
Additional numbers attached? ☐ Yes ☒ 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. 1425 K Street, N.W.	☑ Enclosed ☐ Authorized to charge Deposit Account.
11th Floor	8. Deposit Account No.: 06-1050
Washington, DC 20005-3500	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.	
John F. Hayden Reg. No. 37,640 Name of Person Signing December 11, 2003 Date	
Total number of pages including coversheet, attachments and document: 2	

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12/17/2003 ECOOPER 00000048 10732807 01 FC:8021 40.00

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, FILM-FORMING METHOD AND MANUFACTURING APPARATUS THEREOF, AND CLEANING METHOD OF THE MANUFACTURING APPARATUS 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. Signature: Name: 102/2003 Date: Signature: Name: Date: Signature: Name: Date: Signature:

Name: Date:

RECORDED: 12/11/2003

PATENT REEL: 014786 FRAME: 0167