Please record the attached original documents or copy thereof.

Name: Semiconductor Energy Laboratory Co., Ltd.

City: Kanagawa-ken State: Zip:

Additional name(s) & address(es) attached?

Yes
No

Country: Japan Postal Code: 243-0036

2. Name and address of receiving party(ies)

U.S. DEPARTMENT OF COMMERCE

o t No. <u>0756-8088</u>

U.S. Patent and Trademark Office

1. Name of
Shunpei YAI Hisao IKED Satoshi SEO Junichiro SA Yuji IWAKI

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1. Name of conveying puristions Shunpei YAMAZAKI Hisao IKEDA Satoshi SEO Junichiro SAKATA

Additional name	s) of	conveying	party(ies)	attached?	☐ Yes	⊠ No

Nature of conveyance	: :
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Assignment

Security Agreement

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Execution Date: July 2, 2007; July 11, 2007; July 11, 2007; July 13, 2007; July 13, 2007

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:_____

Patent Application No.(s)

B. Patent No.(s)

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5. Name and address of party to whom correspondence concerning document should be mailed: Attorney Name: Eric J. Robinson Firm Name: Robinson Intellectual Property Law Office Internal Address: PMB 955 Street Address: 21010 Southbank Street,

City: Potomac Falls State: VA Zip: 20165

7. Total number of applications and patents involved: 1

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August 17, 2007

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PATENT REEL: 019763 FRAME: 0289

IAP13 Rec'd PCT/PTO 17 AUG 2007 1 1 / 8 8 4 5 4 8

Attorney Do	ocket No.	

ASSIGNMENT

WHEREAS,	Shunpei	YAMAZAKI,	Hisao	IKEDA,	Satoshi	SEO,	Junichiro	<u>SAKATA</u>

Serial No.

and Yuji IWAKI

(hereinafter designated as the undersigned) has (have) invented certain new and useful improvements in COMPOSITE MATERIAL, LIGHT EMITTING ELEMENT, LIGHT EMITTING DEVICE AND ELECTRONIC APPLIANCE USING THE COMPOSITE MATERIAL for which an application for Letters Patent of the United States of America has been executed by the undersigned on , and;

WHEREAS, <u>Semiconductor Energy Laboratory Co., Ltd.</u> of <u>398</u>, <u>Hase, Atsugi-shi</u>, <u>Kanagawa-ken, 243-0036 Japan</u> and its heirs, successors, legal representatives and assigns (hereinafter designated as the Assignee) is desirous of acquiring the entire right, title and interest in and to said invention and in and to any Letters Patent(s) that may be granted therefor in the United States of America;

NOW, THEREFORE, in consideration of the 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 Assignee the full and exclusive right to the said invention in the United States of America and its territories and for all foreign countries, 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.

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 which 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

PATENT REEL: 019763 FRAME: 0290 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 ROBINSON INTELLECTUAL PROPERTY LAW OFFICE 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 thereof, this Assignment has been executed by the undersigned on the date(s) opposite the undersigned name(s).

Date 07/02/1007	Signature Shunpei YAMAZAKI
Date_07/11/2007	Signature Hisao Ikeda Name Hisao IKEDA
Date_07/11/2007	Signature Satoshi SEO Name Satoshi SEO
0 7/13/2007 Date	Signature Junichiro SAKATA
Date 07/13/2007	Signature Juji Kuski). Name Yuji IWAKI
MI Dublic If not then	Ild preferably be acknowledged before a United States Consul or the execution by the Inventor(s) should be witnessed has (have) useful improvements in by at least two other persons who should
Witness	Signature
Witness	Signature

RECORDED: 08/17/2007

Signature_____

PATENT REEL: 019763 FRAME: 0291