

U.S. PTO 11/986949 11/27/2007

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Atty Docket No: 0553-0640

	IN THE UNITED S	TATES PATENT AND	TRADEMARK	OFFICE
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Please record the attached original document or copy thereof. Total number of pages (wth) cover sheets.  I. Name of Conveying Party(ies): Nobuharu OHSAWA, Hideko INOUE and Satoshi SEO  2a. Name and Address of Receiving Party(ies): Name: Semiconductor Energy Laboratory Co., Ltd. Address: 398, Hase, Atsugi-shi, Kanagawa-ken 243-0036 Japan  2b. Name and Address of Receiving Party(ies): Name: Address  3. Nature of Conveyance X Assignment	P. O. Box 1450 Alexandria, VA 22313-1450	Express Mail Mailing Label No. EV 45944996  Date of Deposit November 27, 2007  I hereby certify that this correspondence is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 CFR1.10 on the date indicated above and is addressed to: Commissioner for Patents, 14ENT COVER SHIPPOT. Box 1450, Alexandria, VA 22313-1450  Name: TESSE Lopez.  (typed or printed)
Nobuharu OHSAWA, Hideko INOUE and Satoshi SEO  2a. Name and Address of Receiving Party(ies): Name: Semiconductor Energy Laboratory Co., Ltd. Address: 398, Hase, Atsuei-shi, Kanagawa-ken 243-0036 Japan  2b. Name and Address of Receiving Party(ies): Name: Address  3. Nature of Conveyance X Assignment  Merger Security Agreement Change of Name Other X Execution Date: 11/16/07  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: 11/16/07  4a. Patent Application No.(s)  4b. Patent No.(s)  Concerning Document Should be Mailed:  Edward D. Manzo, Esq. COOK, ALEX, McFARRON, MANZO, CUMMINGS & MEHLER, LTD. 20 West Adams Street, Suite 2850 Chicago, Illinois 60606  6. Total Number of Applications and Patents Involved:  7. Total Fee (37 CFR 3.41): \$40.00 7a. X Enclosed 7b. X Authorized to be Charged to Deposit Account For Any Deficiency (A duplicate copy of this page is attached)  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.  Mark J. Murphy Name of Person Signing Signature: Signature: Wark J. Murphy Name of Person Signing Signature: Signature: Adams Street, Suite 2850 Chicago, Illinois 60606  6. Total Number of Applications and Patents Involved:  7. Total Fee (37 CFR 3.41): \$40.00 7a. X Enclosed 7b. X Authorized to be Charged to Deposit Account For Any Deficiency (A duplicate copy of this page is attached)  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.  4a. Patent Application No.(s)  Date: November 5 20021  48.80 OP		
Name: Semiconductor Energy Laboratory Co., Ltd. Address: 398, Hase, Atsugi-shi, Kanagawa-ken 243-0036 Japan  2b. Name and Address of Receiving Party(ies): Name: Address  3. Nature of Conveyance X.Assignment Merger Security Agreement Change of Name Other At 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: 11/16/07  4a. Patent Application No.(s)  4b. Patent No.(s)  Name and Address of Receiving Party(ies): Name:  Address  Address	T	
X Assignment  Merger  Security Agreement Change of Name Other X Execution Date: 11/16/07  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: 11/16/07  4a. Patent Application No.(s)  4b. Patent No.(s)  Mark J. Murphy Name of Person Signing 11/29/28/28/39/30/34,223/39/84 11986949 Date: November 82/20071  7a. X Enclosed 7b. X Authorized to be Charged to Deposit Account For Any Deficiency (A duplicate copy of this page is attached)  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.  Mark J. Murphy Name of Person Signing 11/29/28/28/39/84 11986949 Date: November 82/20071  49.88 0P	Name: Semiconductor Energy Laboratory Co., Ltd. Address: 398, Hase, Atsugi-shi, Kanagawa-ken 243-0036 Japan  2b. Name and Address of Receiving Party(ies): Name:	COOK, ALEX, McFARRON, MANZO, CUMMINGS & MEHLER, LTD.  200 West Adams Street, Suite 2850 Chicago, Illinois 60606  6. Total Number of Applications and Patents
X Execution Date: 11/16/07  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: 11/16/07  4a. Patent Application No.(s)  4b. Patent No.(s)  4b. Patent No.(s)  Date: November 27/2007/1  (A duplicate copy of this page is attached)  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.  9. Mark J. Murphy  Name of Person Signing 11/29/2007 HMN Page 11/29/2007 1 40.00 0P	X AssignmentMergerSecurity AgreementChange of Name	7a. X Enclosed 7b. X Authorized to be Charged to Deposit Account For Any Deficiency
document is being filed together with a new application, the execution date of the application is: 11/16/07  4a. Patent Application No.(s)  4b. Patent No.(s)  Mark J. Murphy Name of Person Signing 11/29/2027 HMORTH Reg. No. 34,223  Date: November 27, 2007/21  Date: November 27, 2007/21  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.  Mark J. Murphy Name of Person Signing 11/29/2027 HMORTH Reg. No. 34,223  Date: November 27, 2007/21  All 1986949  Date: November 27, 2007/21		
4b. Patent No.(s)	document is being filed together with a new application, the execution date of the application is: 11/16/07	To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true
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PATENT REEL: 020240 FRAME: 0336

Attorney Docket	
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## **ASSIGNMENT**

Identity Of The Patent Application. I am the inventhat I am assigning. The patent application I am assigning LIGHT-EMITTING DEVICE which I executed herewith. If the patent application has a	; is entitled			
and bears a filing date of				
The Assignee and The Assignment. I assign my patent rights to Semiconductor Energy Laboratory Co., Ltd. a corporation organized according to the laws of Japan, having a place of business at 398, Hase, Atsugi-shi, Kanagawa-ken, 243-0036 Japan (hereinafter "the Assignee"). The rights I assign are my entire right, title and interest in the invention or improvements disclosed in the patent application and any and all other applications for United States Letters Patent which I may file, either solely or jointly with others, on the invention or improvements, including all continuations, divisionals, and continuations-in-part, and in any and all United States Letters Patent which may be obtained on any of said applications, and in any reissue or extension thereof. I also assign to the Assignee all priority rights under the International Convention. I agree to execute, at the request of the Assignee, all documents in connection with any application for United States letters patent therefor.				
Payment Received. I am making this assignment in valuable consideration. I acknowledge the receipt and suf	consideration of One Dollar and other good and ficiency of the consideration.			
Authorizations. I request the U.S. Commissioner of Patents and Trademarks to issue the Letters Patent to the Assignee. I authorize the attorney(s) of record in the application to insert in this assignment document the date and serial number of the application.				
Further Acts. I agree, upon the request and at the expense of the Assignee, to execute any divisional, continuation or substitute application for the invention or improvements, and any oath, declaration or affidavit relating thereto, and any application for the reissue or extension of any Letters Patent that may be granted upon the application. I agree to perform, upon request, any affirmative acts to obtain said Letters Patent of the United States and to vest in the Assignee all rights therein, so that the Letters Patent will be held and enjoyed by the Assignee, 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 held and enjoyed by me if this assignment had not been made.				
Interference. In the event that any application or Letters Patent that I now assign becomes involved in interference, I agree to cooperate to the best of my ability in the matters of preparing and executing the				
preliminary statement and giving and producing evidence in support thereof.				
Nobuhara Ohvawa	11/16/2007 Date			
Name: Nobuharu OHSAWA	Date			
Name: Hideko INOUE	11/16/2007 Date			
Satoshi Seo	11/16/2007			
Name: Satoshi SEO	Date			

PATENT REEL: 020240 FRAME: 0337

**RECORDED: 11/27/2007**