### PATENT ASSIGNMENT

## Electronic Version v1.1 Stylesheet Version v1.1

SUBMISSION TYPE:	CORRECTIVE ASSIGNMENT
NATURE OF CONVEYANCE:	Corrective Assignment to correct the assignee (to add assignee) previously recorded on Reel 025441 Frame 0505. Assignor(s) hereby confirms the receiving party data: Sony Corporation and Tohoku University.

### **CONVEYING PARTY DATA**

Name	Execution Date
Tatsuo Uchida	11/12/2010
Takahiro Ishinabe	11/09/2010
Tohru Kawakami	11/09/2010
Kentaro Okuyama	11/11/2010
Harumi Sato	11/11/2010

### **RECEIVING PARTY DATA**

Name:	Sony Corporation
Street Address:	1-7-1 Konan
City:	Minato-ku, Tokyo
State/Country:	JAPAN

Name:	Tokoku University	
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City:	Miyagi	
State/Country:	JAPAN	

### PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	12916906

### **CORRESPONDENCE DATA**

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**PATENT** 

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### PATENT ASSIGNMENT

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NATURE OF CONVEYANCE: ASSIGNMENT	 SUBMISSION TYPE:	NEW ASSIGNMENT
<u> </u>	 NATURE OF CONVEYANCE:	ASSIGNMENT

### **CONVEYING PARTY DATA**

Name	Execution Date
Tatsuo Uchida	11/12/2010
Takahiro Ishinabe	11/09/2010
Tohru Kawakami	11/09/2010
Kentaro Okuyama	11/11/2010
Harumi Sato	11/11/2010

### RECEIVING PARTY DATA

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Street Address:	1-7-1 Konan Minato-ku	
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### PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	12916906

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12/2/2010

**REEL: 029275 FRAME: 0747** 

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**PATENT** 

12/2/2010

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### ASSIGNMENT

WHEREAS, the undersigned, to wit: <u>Tatsuo Uchida</u>, <u>Takahiro Ishinabe</u>, <u>Tohru Kawakami</u>, <u>Kentaro Okuyama</u> and <u>Harumi Sato</u>; (hereinafter "ASSIGNORS"), are the lawful owners of an invention entitled: <u>ILLUMINATING DEVICE AND DISPLAY UNIT</u> for which an international patent application which designates the United States was filed on <u>November 1</u>, 2010 having Application Serial No. 12/916,906

AND WHEREAS, SONY CORPORATION, a corporation duly organized and existing under the laws of Japan and having its principal office and place of business at 1-7-1 Konan, Minato-ku Tokyo, Japan, and TOHOKU UNIVERSITY, a corporation duly organized and existing under the laws of Japan and having its principal office and place of business at 2-1-1, Katahira, Aoba-ku, Sendai-shi, Miyagi, Japan, (hereinafter "ASSIGNEES") desires to acquire the entire right, title, and interest therein;

NOW, THEREFORE, in consideration of One Dollar (\$1.00) and other good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, said ASSIGNORS do hereby sell, assign, and transfer, and hereby set over unto ASSIGNEES, its successors, assigns and legal representatives, the full and exclusive right, title and interest to said invention in the United States of America and all foreign countries, including, without limitation, said invention as described in the aforesaid application, to be held and enjoyed by said ASSIGNEES, its successors and assigns, as fully and entirely as the same would have been held and enjoyed by said ASSIGNORS had this assignment and sale not been made, including, without limitation, all rights to the aforesaid application and to any United States Letters Patent therefor, when issued together with all improvements thereon and betterments thereof, all related applications including, but not limited to, divisions, continuations, continuations-in-part, reissues and reexaminations thereof and substitutions of or for said application, and all foreign rights including the right to make application for Letters Patent for said inventions in any and all foreign countries and the right to claim priority as to the filing date under the International Convention on the basis for the aforesaid application for United States Letters Patent; and ASSIGNORS hereby authorize and request the Commissioner of Patents to issue all Letters Patent issuing therefrom to ASSIGNEES, for its interest as ASSIGNEES, its successors, assigns and legal representatives.

ASSIGNORS hereby agree to execute any papers, provide any information and testify in any interference or litigation at the request of ASSIGNEES, its successors, assigns and legal representatives, when deemed essential to ASSIGNEE's, its successors', assigns' and legal representatives' full enjoyment, protection, enforcement and title in and to such invention and rights hereby transferred.

ASSIGNORS furthermore agree upon request of said ASSIGNEES, its successors, assigns and legal representatives, and without further remuneration, to execute any and all papers desired by said ASSIGNEES, its successors, assigns and legal representatives, for the filing and

granting of foreign applications and the perfecting of title thereto in said ASSIGNEES, its successors, assigns and legal representatives.

Signature	0 1	Date Signed		
J. U	Chida	Nov. 12, 200 2		
Name: Tatsuo	Uchida	Nov. 12, 2002 Nov. 12, 2010 J.V.		
2-1-	Tohoku University 1, Katahira, Aoba-ku, Sendai-shi agi, Japan			
Before me personally appeared the person whose name is subscribed to the foregoing instrument, and executed the foregoing instrument in my presence for the purpose contained therein, by signing his/her name hereto.				
Signature		Date Signed		

<u>Signature</u>		Date Signed
	hiro Ishinabe	Nov. 9th 2010
	c/o Tohoku University 2-1-1, Katahira, Aoba-ku, Sendai-shi Miyagi, Japan	
Before me personally appeared the person whose name is subscribed to the foregoing instrument, and executed the foregoing instrument in my presence for the purpose contained therein, by signing his/her name hereto.		
Signature		Date Signed

Signature		Date Signed	
John	Kawakami	nov. 9th	2010
Name: To	ohru Kawakami		
Address:	c/o Tohoku University 2-1-1, Katahira, Aoba-ku, Sendai- Miyagi, Japan	<u>shi</u>	
Before me personally appeared the person whose name is subscribed to the foregoing instrument, and executed the foregoing instrument in my presence for the purpose contained therein, by signing his/her name hereto.			
Signature		Date Signed	

Signature	Date Signed	
Kentaro Okurjama	11/11/2010	
Name: Kentaro Okuyama		
Address: c/o Sony Corporation		
1-7-1, Konan, Minato-ku		
Tokyo Janan		

Before me personally appeared the person whose name is subscribed to the foregoing instrument, and executed the foregoing instrument in my presence for the purpose contained therein, by signing his/her name hereto.

Signature	2	Date Signed
abeni	Humagai	november 15, 2010

Name: Akemi Kumagai

Signature	Date Signed	
Name: Harumi Sato	11/11.2010	
Address: c/o Sony Corporation 1-7-1, Konan, Minato-ku Tokyo, Japan	•	
	person whose name is subscribed to the foregoing strument in my presence for the purpose contained	
Signature	Date Signed	
akemi Humagai	Movember 15, 2010	

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PATENT REEL: 029275 FRAME: 0755

Name: Akemi Kumagai