# PATENT ASSIGNMENT

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SUBMISSION TYPE:		NEW A	NEW ASSIGNMENT		
NATURE OF CONVEYANCE:			ASSIGNMENT		
CONVEYING PART	ΓΥ DATA				
		Execution Date			
Tatsuya SAKATA		09/17/2009			
Makoto MIYASHITA				09/17/2009	
Toyoki TAKAHASHI				09/17/2009	
Daiki ADACHI				09/17/2009	
Sachiko KOYAMA				09/18/2009	
RECEIVING PART	Y DATA				
Name:	SONY CORP	SONY CORPORATION			
Street Address:	1-7-1 KONAN	1-7-1 KONAN, MINATO-KU			
City:	ΤΟΚΥΟ				
State/Country:	JAPAN				
Property Type Application Number: 12		12601155	Number		
CORRESPONDEN Fax Number: <i>Correspondence w</i> Phone: Email: Correspondent Nan Address Line 1: Address Line 4:	(202)408 <i>ill be sent via US</i> 2024084 terri.mcr ne: E. Chap 901 NEV	<i>Mail when the i</i> 1000 nillan-solomon( man - FHFGD W YORK AVE N	f <i>ax attempt is unsuccessful.</i> @finnegan.com IW ICT OF COLUMBIA 20001		
ATTORNEY DOCK	ET NUMBER:	09812.	1228		
NAME OF SUBMITTER:		Michel	Michelle L. Daniels		
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JOINT INVENTION (U.S. Rights Only)

#### ASSINGNMENT

WHEREAS, We, the below named inventors, (hereinafter referred to as assignors, have made an invention entitled: A DISPLAY DEVICE for which we executed an application for United States Letters Patent concurrently herewith or on or filed application for United States Letters Patent on an Application No. \_\_\_\_\_); and

WHEREAS, <u>SONY CORPORATION</u>, a corporation of <u>JAPAN</u>, whose post office address is <u>1-7-1 KONAN</u>, <u>MINATO-KU</u>, <u>TOKYO</u>, <u>JAPAN</u> (hereinafter referred to as assignee), are desirous of securing the entire right, title, and interest in and to this invention, the application for United States Letters Patent on this invention and the Letters Patent to be issued upon this application;

NOW THEREFORE, be it known that, for good and valuable consideration the receipt of which from assignee is hereby acknowledged, we, as assignors, have sold, assigned, transferred, and set over, and do hereby sell, assign, transfer, and set over unto the assignee, its lawful successors and assigns, our entire right, title and interest in and to this invention and this application, and all divisions, and continuations thereof, and all Letters Patent of the United States which may be granted thereon, and all reissues thereof; and we hereby authorize and request the Commissioner of Patents and Trademarks of the United States to issue all Letters Patent for this invention to assignee, its successors and assigns, in accordance with the terms of this Assignment;

AND, WE HEREBY further covenant and agree that we will, without further consideration, communicate with assignee, its successors and assigns, any facts known to us respecting this invention and testify in any legal proceeding, sign all lawful papers when called upon to do so, execute and deliver all papers that may be necessary or desirable to perfect the title to this invention in said assignee, its successors and assigns, execute all divisional, continuation, and reissue applications, make all rightful oaths and generally do everything possible to aid assignee, its successors and assigns, to obtain and enforce proper patent protection for this invention in the United States, it being understood that any expense incident to the execution of such papers shall be borne by the assignee, its successors and assigns.

AND, WE HEREBY authorize and request the attorneys we have empowered in the Declaration and Power of Attorney in this application, to insert here in parentheses (Application No.\_\_\_\_\_, filed\_\_\_\_\_) the filling date and application number of said application when known.

> PATENT REEL: 023557 FRAME: 0736

IN TESTIMONY WHEREOF, we have hereunto set our hands.

#### **First Assignor**

Name: Tatsuya SAKATA Address: c/o SONY CORPORATION, 1-7-1 KONAN, MINATO-KU, TOKYO, JAPAN

Citizenship: Japanese

Signature: <u>Jatsurya Sakata</u> Date: <u>September 17, 2009</u>

#### Second Assignor

Name:	Makoto MIYASHITA
Address:	c/o SONY CORPORATION,
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Citizenship: Japanese

Signature:	makoto Mujashita
Date:	September 17, 2009

#### Third Assignor

Name: Toyoki TAKAHASHI Address: c/o SONY ENGINEERING CORPORATION, 9-17, NISHIGOTANDA 3-CHOME, SHINAGAWA-KU, TOKYO, JAPAN

Citizenship: Japanese

Signature: <u>Toyoki Takahashi</u> Date: <u>September 17. 2009</u>

### **Forth Assignor**

Name: Daiki ADACHI Address: c/o SONY ENGINEERING CORPORATION, 9-17, NISHIGOTANDA 3-CHOME, SHINAGAWA-KU, TOKYO, JAPAN

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## **Fifth Assignor**

Name: Sachiko KOYAMA Address: c/o SONY ENGINEERING CORPORATION, 9-17, NISHIGOTANDA 3-CHOME, SHINAGAWA-KU, TOKYO, JAPAN

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Date:	Septem ber	18,2009

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