### 502008931 07/31/2012

# PATENT ASSIGNMENT

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

#### **CONVEYING PARTY DATA**

Name	Execution Date
Munetoshi UEYAMA	07/27/2012

## **RECEIVING PARTY DATA**

Name:	Sharp Kabushiki Kaisha	
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City:	Osaka	
State/Country:	JAPAN	
Postal Code:	545-8522	

## PROPERTY NUMBERS Total: 1

Property Type	Number	
Application Number:	13576356	

### **CORRESPONDENCE DATA**

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ATTORNEY DOCKET NUMBER: 87427.10R01729US

NAME OF SUBMITTER: Sayaka Karasawa

Total Attachments: 1

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PATENT REEL: 028690 FRAME: 0806

502008931

ATTORNEY DOCKET NO.: 87427.10R01729US SOLE/JOINT INVENTION (U.S. Rights Only)

#### ASSIGNMENT

WHEREAS I/We, the below named inventor(s), [hereinafter referred to as Assignor(s)], have made an invention entitled:

#### BACKLIGHT DEVICE, LIQUID CRYSTAL DISPLAY DEVICE AND TELEVISION RECEIVER

for which I/WE executed an application for United States Letters Patent concurrently herewith; or filed a PCT International Application designating the United States on <u>January 18, 2011</u>, (PCT International Application No. <u>PCT/JP2011/050701</u>); and

WHEREAS, Sharp Kabushiki Kaisha, a corporation of Japan, whose post office address is 22-22, Nagaike-cho, Abeno-ku, Osaka-shi, Osaka 545-8522 Japan, (hereinafter referred to as Assignee), is 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 issue upon this application;

NOW THEREFORE, be it known that, for good and valuable consideration the receipt of which from Assignee is hereby acknowledged, I/WE, as Assignor(s), have sold, assigned, transferred, and set over, and do hereby sell, assign, transfer, and set over unto the Assignee, its lawful successors and assigns, MY/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 I/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, I/WE HEREBY further covenant and agree that I/WE will, without further consideration, communicate with Assignee, its successors and assigns, any facts known to ME/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, I/WE HEREBY authorize and request the attorneys I/WE have empower this application, to insert here in parenthesis (Application No, filed application number of said application when known,		empowered in the P filed	· · · · · · · · · · · · · · · · · · ·	
IN TESTIMONY WHEREOF, I/WE have				
Full Name of Sole or First Assignor Munetoshi UEYAMA	Assignor's Signature Muhenshi. Ue	yana	Date July 27, 2012	
Address			Citizenship	
c/o Sharp Kabushiki Kaisha				
22-22, Nagaike-cho, Abeno-ku, Osaka-shi, Osaka 545-8522 Japan			Japan	
Names of additional inventors attachedYes	⊠No			

PATENT REEL: 028690 FRAME: 0807

RECORDED: 07/31/2012