502609584 12/19/2013

PATENT ASSIGNMENT COVER SHEET

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EPAS ID: PAT2656023

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
MUNETOSHI UEYAMA	12/16/2013

RECEIVING PARTY DATA

Name:	Sharp Kabushiki Kaisha	
Street Address:	22-22, Nagaike-cho, Abeno-ku, Osaka-shi	
City:	Osaka	
State/Country:	JAPAN	
Postal Code:	545-8522	

PROPERTY NUMBERS Total: 1

Property Type	Number	
Application Number:	14127855	

CORRESPONDENCE DATA

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ATTORNEY DOCKET NUMBER:	87427.12R00585US
NAME OF SUBMITTER:	MIWA TYBURSKI
Signature:	/Miwa Tyburski/
Date:	12/19/2013

Total Attachments: 1

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PATENT REEL: 031823 FRAME: 0996 OF \$40.00 1412/855

ATTORNEY DOCKET NO.: 87427.12R00585US 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, 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>June 15, 2012</u>, (PCT International Application No. <u>PCT/JP2012/065316</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	I request the attorneys I/WE $ m hat$	ave empowered in t	
this application, to insert here in parenthesis (Application No, filed,) the filing date and
application number of said application when I	known.		
IN TESTIMONY WHEREOF, I/WI	have hereunto set our hand(s).	
Full Name of Sole or First Assignor	Assignor's Signature	11 .	Date 16/12/2013
Munetoshi UEYAMA	Munetoshi	veyana	16/12/2013
Address			Citizenship
c/o Sharp Kabushiki Kaisha			
22-22, Nagaike-cho, Abeno-ku, Osaka-shi, Osaka 545-8522 Japan			Japan
Names of additional inventors attached Ye	es 🛮 🖾 No		

PATENT REEL: 031823 FRAME: 0997

RECORDED: 12/19/2013