

## PATENT ASSIGNMENT COVER SHEET

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<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT	
<b>NATURE OF CONVEYANCE:</b>	NUNC PRO TUNC ASSIGNMENT	
<b>EFFECTIVE DATE:</b>	06/30/2016	
<b>CONVEYING PARTY DATA</b>		
	<b>Name</b>	<b>Execution Date</b>
	TOSHIBA LIFESTYLE PRODUCTS & SERVICES CORPORATION	06/30/2016
<b>RECEIVING PARTY DATA</b>		
<b>Name:</b>	TOSHIBA VISUAL SOLUTIONS CORPORATION	
<b>Street Address:</b>	3-31-2776, MINAMI-CHO MISAWA-SHI	
<b>City:</b>	AOMORI	
<b>State/Country:</b>	JAPAN	
<b>PROPERTY NUMBERS Total: 1</b>		
	<b>Property Type</b>	<b>Number</b>
	Application Number:	14225200
<b>CORRESPONDENCE DATA</b>		
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<b>ATTORNEY DOCKET NUMBER:</b>	101986.0152P	
<b>NAME OF SUBMITTER:</b>	WILLIAM W. SCHAAL, REG. NO. 39018	
<b>SIGNATURE:</b>	/WILLIAM W. SCHAAL/	
<b>DATE SIGNED:</b>	11/23/2016	
<b>Total Attachments: 2</b>		
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### **ASSIGNMENT**

In consideration of good and valuable consideration, the receipt of which is hereby acknowledged, the undersigned, **TOSHIBA LIFESTYLE PRODUCTS & SERVICES CORPORATION**, a corporation, having a principal place of business at 25-1, Ekimae-honcho, Kawasaki-ku, Kawasaki-shi, Kanagawa, JAPAN ("Assignor"), does hereby sell, assign, and transfer to **TOSHIBA VISUAL SOLUTIONS CORPORATION** having an address of 3-31-2776, Minami-cho, Misawa-shi, Aomori, JAPAN ("Assignee"), and its successors, assigns, and legal representatives, the entire right, title, and interest, including the right of priority in and to, for the United States and all foreign countries, in and to any and all improvements that are disclosed in the application(s) for the United States patent(s) listed below, *nunc pro tunc*, effective as of June 30, 2016 (the "Effective Date"):

<b><u>Application No.</u></b>	<b><u>Filing Date</u></b>	<b><u>Title</u></b>
13/867,975	04/22/2013	Television Receiver, Method Of Controlling The Receiver, And Network Construction Device
13/867,970	04/22/2013	Television Receiver, Method Of Controlling The Receiver, And Network Construction Device
13/865,065	04/17/2013	Stereoscopic Video Signal Processing Apparatus And Method Thereof
13/271,977	10/12/2011	Television Stand And Electronic Apparatus
14/735,387	06/10/2015	Display Device
14/030,818	03/22/2013	Electronic Apparatus
14/225,200	03/25/2014	Image Display Device

and in and to said application(s) and all divisional applications, continuation applications, continued prosecution applications, continuation-in-part applications, substitute applications, renewal applications, reissue applications, reexaminations, extensions, and all other patent applications that have been or shall be filed in the United States and all foreign countries on any of said improvements; and in and to all original patents, reissued patents, reexamination certificates, and extensions that have been or shall be issued in the United States and all foreign countries on said improvements; and in and to all rights of priority resulting from the filing of said United States application(s);

agree that said Assignee may apply for and receive a patent or patents for said improvements in its own name; and that, when requested, without charge to, but at the expense of, said Assignee,

its successors, assigns, and legal representatives, to carry out in good faith the intent and purpose of this Assignment, the undersigned will execute all divisional applications, continuation applications, continued prosecution applications, continuation-in-part applications, substitute applications, renewal applications, reissue applications, reexaminations, extensions, and all other patent applications on any and all said improvements; execute all rightful oaths, assignments, powers of attorney, and other papers; communicate to said Assignee, its successors, assigns, and representatives all facts known to the undersigned relating to said improvements and the history thereof; generally assist said Assignee, its successors, assigns, or representatives in securing and maintaining proper patent protection for said improvements and for vesting title to said improvements, and all applications for patents and all patents on said improvements, in said Assignee, its successors, assigns and legal representatives; and covenant with said Assignee, its successors, assigns, and legal representatives that no assignment, grant, mortgage, license, or other agreement affecting the rights and property herein conveyed has been made to others by the undersigned, and that full right to convey the same as herein expressed is possessed by the undersigned; and

intend that this Assignment be deemed effective as of the Effective Date.

Dated: June 30, 2016

Toshiba Lifestyle Products & Services Corporation

By: 

Name: Yasunori OGAWA

Title: Group Manager, Intellectual Property Group  
Engineering Planning Dept.