

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	NUNC PRO TUNC ASSIGNMENT
EFFECTIVE DATE:	06/30/2016
CONVEYING PARTY DATA	
Name	Execution Date
TOSHIBA LIFESTYLE PRODUCTS & SERVICES	06/30/2016
RECEIVING PARTY DATA	
Name:	TOSHIBA VISUAL SOLUTIONS CORPORATION
Street Address:	3-31-2776, MINAMI-CHO
City:	MISAWA-SHI, AOMORI
State/Country:	JAPAN
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	14948127
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DATE SIGNED:	01/18/2017
Total Attachments: 2	
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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"):

<u>Application No.</u>	<u>Filing Date</u>	<u>Title</u>
14/585,015	12/29/2014	Image Display Apparatus
14/927,345	10/29/2015	Medical Monitor, Electronic Apparatus, And Video Display Unit
14/625,558	02/18/2015	Image Display Apparatus
62/115,459	02/12/2015	Electronic Device, Electronic Device Control Method And Electronic Device Control System
14/958,692	12/03/2015	Electronic Device, Electronic Device Control Method And Electronic Device Control System
14/948,127	11/20/2015	Electronic Apparatus And Display Method By Electronic Apparatus
14/958,687	12/03/2015	Electronic Apparatus
14/465,542	08/21/2014	Image Displaying Apparatus And Image Displaying Method
14/462,301	08/18/2014	Display Apparatus And Display Method
14/463,473	08/19/2014	Display Apparatus, Method, And Storage Medium
14/553,646	11/25/2014	Electronic Device And Method Recorded-Program Processing Method
14/676,273	04/01/2015	Video Display Unit And Mounting Unit
14/878,752	10/08/2015	Graphical Display Device
14/535,151	11/06/2014	Electronic Device And Method Of Processing Display Screen

<u>Application No.</u>	<u>Filing Date</u>	<u>Title</u>
14/878,779	10/08/2015	Image Processing Apparatus
62/100,289	01/06/2015	Method And Apparatus For Video Signal Receiving
14/948,132	11/20/2015	Electronic Device And Display Control Method

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.