

## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1  
 Stylesheet Version v1.2

EPAS ID: PAT3185693

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
YOICHI TANIMURA	01/07/2015
YASUTAKA SHIMAMOTO	01/07/2015
HIROSHI GOMI	12/26/2014
DAIJIRO YAMAGUCHI	12/26/2014
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	SHARP KABUSHIKI KAISHA
<b>Street Address:</b>	22-22, NAGAIKE-CHO, ABENO-KU
<b>City:</b>	OSAKA-SHI, OSAKA
<b>State/Country:</b>	JAPAN
<b>Postal Code:</b>	545-8522
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
<b>Application Number:</b>	29511565
<b>CORRESPONDENCE DATA</b>	
<b>Fax Number:</b>	(703)816-4100
<i>Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent using a fax number, if provided; if that is unsuccessful, it will be sent via US Mail.</i>	
<b>Phone:</b>	703-816-4027
<b>Email:</b>	ptomail@nixonvan.com
<b>Correspondent Name:</b>	H. WARREN BURNAM, JR.
<b>Address Line 1:</b>	901 N. GLEBE ROAD, 11TH FLOOR
<b>Address Line 4:</b>	ARLINGTON, VIRGINIA 22203
<b>ATTORNEY DOCKET NUMBER:</b>	HWB-790-2478
<b>NAME OF SUBMITTER:</b>	H. WARREN BURNAM, JR.
<b>SIGNATURE:</b>	/H. Warren Burnam, Jr./
<b>DATE SIGNED:</b>	01/16/2015
This document serves as an Oath/Declaration (37 CFR 1.63).	
<b>Total Attachments: 4</b>	
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source=790-2478\_dec\_assign#page3.tif

source=790-2478\_dec\_assign#page4.tif

Doc code: Oath

Document Description: Oath or declaration filed

Attorney Docket Number	HWB-790-2478
First Named Inventor	TANIMURA, Yoichi

**INVENTOR'S DECLARATION AND ASSIGNMENT FOR UTILITY OR DESIGN PATENT APPLICATION (37 CFR 1.63)  
USING AN APPLICATION DATA SHEET (37 CFR 1.76)**

☐ Declaration Submitted With Initial Filing

**OR**

☒ Declaration Submitted After Initial Filing (surcharge (37 C.F.R. § 1.16(f)) required)

**TELEVISION SET**

(Title of the Invention)

As a below named inventor, I hereby declare that:

This declaration is directed to:

☐ the attached application, or

☒ United States Application Number 29/511,565 filed December 11, 2014, or

☐ PCT International application number filed on

The above-identified application was made or authorized to be made by me.

I believe I am the original inventor or an original joint inventor of a claimed invention in the application.

I hereby acknowledge that any willful false statement made in this declaration is punishable under 18 U.S.C. 1001 by fine or imprisonment of not more than five (5) years, or both.

WHEREAS, the undersigned (hereinafter ASSIGNOR), has made an invention in the Application identified above.

WHEREAS, Sharp Kabushiki Kaisha (hereinafter ASSIGNEE), a corporation of the State of Japan, having an office and place of business at 22-22, Nagaiki-cho, Abeno-ku, , Osaka-shi, Osaka, Japan 545-8522, is desirous of acquiring an interest therein;

NOW, THEREFORE, in consideration of Ten Dollars (\$10.00) and/or other good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, the said ASSIGNOR by these presents hereby sells, assigns, and transfers unto the said ASSIGNEE, its successors, assigns, and legal representatives, ASSIGNOR'S entire right, title and interest in the United States of America and all foreign countries, in and to the invention as described in the aforesaid application, and to the said application and to all subsequent applications based thereon including any and all continuations, divisions, reissues, and substitutes of said application, and all resulting patents, together with the right of priority under the International Convention for the Protection of Industrial Property, Inter-American Convention Relating to Patents, Designs and Industrial Models, and any other international agreements to which the United States of America adheres, and the ASSIGNOR hereby authorizes and requests the Commissioner of Patents and Trademarks to issue said Letters Patent to ASSIGNEE, for its interest as ASSIGNEE, its successors, assigns, and legal representatives. It is understood and agreed that ASSIGNEE'S attorneys Nixon & Vanderhye P.C. have represented only ASSIGNEE and will continue to represent only ASSIGNEE with respect to this invention;

ASSIGNOR hereby agrees to transfer a like interest upon request of said ASSIGNEE, its successors, assigns, and legal representatives, and without further remuneration, in and to any improvements, and applications for patents based thereon, growing out of or related to the said invention;

ASSIGNOR hereby agrees to execute any papers by ASSIGNEE, its successors, assigns, and legal representatives, deemed essential to ASSIGNEE'S full protection and title in and to the invention hereby transferred; and

ASSIGNOR hereby agrees, upon request of ASSIGNEE, and without further remuneration, to execute any and all papers desired by ASSIGNEE, for the filing and granting of foreign applications and the perfecting of title thereto in ASSIGNEE.

**AGREED and executed as noted below:**

**Legal Name of Additional Joint Inventor, if any:**

(E.g., Given Name (first and middle (if any)) and Family Name or Surname)

Hiroshi

GOMI

Inventor's  
Signature:

Hiroshi Gomi

Date:

December 26, 2014

Witnessed by:

Name:

Kazuhito IWAI

Signature of witness:

Kazuhito Iwai

Date:

December 26, 2014

I/We acknowledge the duty to disclose information which is material to the patentability of this application as defined in 37 CFR §1.56.

2442707

**PATENT**  
**REEL: 034733 FRAME: 0892**

Attorney Docket Number	HWB-790-2478
First Named Inventor	TANIMURA, Yoichi

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**Legal Name of Additional Joint Inventor, if any:**

(E.g., Given Name (first and middle (if any)) and Family Name or Surname)

Daijiro

YAMAGUCHI

Inventor's  
Signature:

Daijiro Yamaguchi

Date:

December 26, 2014

Witnessed by:

Name:

Kazuhito IWAI

Signature of witness:

Kazuhito Iwai

Date:

December 26, 2014

Doc code: Oath

Document Description: Oath or declaration filed

Attorney Docket Number	HWB-790-2478
First Named Inventor	TANIMURA, Yoichi

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**AGREED and executed as noted below:**

**LEGAL NAME OF INVENTOR/JOINT INVENTOR:**

(E.g., Given Name (first and middle (if any)) and Family Name or Surname)

YASUTAKA

SHIMAMOTO

Inventor's Signature:

*Yasutaka Shimamoto*

Date:

*January 7, 2015*

Witnessed by:

Name:

*Kazuhito Iwai*

Signature of witness:

*Kazuhito Iwai*

Date:

*January 7, 2015*

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2442707

**PATENT**  
**REEL: 034733 FRAME: 0894**

Doc code: Oath

Document Description: Oath or declaration filed

Attorney Docket Number	HWB-790-2478
First Named Inventor	TANIMURA, Yoichi

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**LEGAL NAME OF INVENTOR/JOINT INVENTOR:**

(E.g., Given Name (first and middle (if any)) and Family Name or Surname)

Yoichi

TANIMURA

Inventor's Signature:

Date:

*Yoichi Tanimura*

*7. January. 2015*

Witnessed by:

Name:

*Kazuhito IWAI*

Signature of witness:

*Kazuhito Iwai*

Date:

*January 7, 2015*

I/We acknowledge the duty to disclose information which is material to the patentability of this application as defined in 37 CFR §1.56.

2442707

RECORDED: 01/16/2015

**PATENT**  
**REEL: 034733 FRAME: 0895**