

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
Stylesheet Version v1.2

EPAS ID: PAT4603065

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
NORITAKA KISHI	09/02/2017
HIROYUKI FURUKAWA	08/31/2017
KATSUYA OTOI	08/29/2017
KAZUYOSHI YOSHIYAMA	09/04/2017
TAMOTSU SAKAI	09/04/2017
NAOKO GOTOH	09/01/2017
RECEIVING PARTY DATA	
Name:	SHARP KABUSHIKI KAISHA
Street Address:	1, TAKUMI-CHO, SAKAI-KU
City:	SAKAI CITY, OSAKA
State/Country:	JAPAN
Postal Code:	590-8522
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	15559883
CORRESPONDENCE DATA	
Fax Number:	(571)313-7421
<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>	
Phone:	5713137440
Email:	cdalakuras@kbiplaw.com
Correspondent Name:	KEATING & BENNETT, LLP
Address Line 1:	1800 ALEXANDER BELL DR.
Address Line 2:	SUITE 200
Address Line 4:	RESTON, VIRGINIA 20191
ATTORNEY DOCKET NUMBER:	70404.3648/SH
NAME OF SUBMITTER:	CHRISTY DALAKURAS
SIGNATURE:	/AMD/cd/
DATE SIGNED:	09/20/2017
This document serves as an Oath/Declaration (37 CFR 1.63).	

PATENT

Total Attachments: 6

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COMBINED DECLARATION/ASSIGNMENT FOR UTILITY OR DESIGN APPLICATION

Title	DISPLAY DEVICE AND DRIVE METHOD THEREFOR
<p>As a below named INVENTOR/ASSIGNOR, I hereby declare that:</p> <p>This declaration <input type="checkbox"/> The attached application, or</p> <p>is directed to: <input checked="" type="checkbox"/> United States application or PCT international application number <u>PCT/JP2016/058642</u> filed on <u>March 18, 2016</u>.</p> <p>The above-identified application was made or authorized to be made by me.</p> <p>I believe that I am the original inventor or an original joint inventor of a claimed invention in the application.</p> <p>I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims.</p> <p>I acknowledge the duty to disclose information which is material to patentability as defined in 37 CFR § 1.56.</p> <p>WHEREAS, <u>Sharp Kabushiki Kaisha</u> (hereinafter referred to as "ASSIGNEE") having places of business at: <u>1, Takumi-cho, Sakai-ku, Sakai City, Osaka 590-8522, Japan</u>, is desirous of acquiring the entire right, title, and interest in, to, and under said invention and any Letters Patent that may be granted therefore in the United States and in any and all foreign countries;</p> <p>NOW, THEREFORE, TO ALL WHOM IT MAY CONCERN: Be it known that in consideration of the payment by ASSIGNEE to ASSIGNOR of the sum of One Dollar (\$1.00), the receipt of which is hereby acknowledged, and for other good and valuable consideration, ASSIGNOR hereby sells, assigns, and transfers to ASSIGNEE the full and exclusive right, title, and interest to the said invention and all Letters Patent of the United States to be obtained therefore on said application or any continuation, division, renewal, substitute, or reissue thereof for the full term or terms for which the same may be granted; and all Letters Patent and applications therefore through the world, including all the rights accruing by virtue of the International Convention for the Protection of Industrial Property or other relevant International Treaties and Arrangements.</p> <p>ASSIGNOR hereby covenants that no assignment, sale, agreement, or encumbrance has been or will be made or entered into which would conflict with this assignment and sale;</p> <p>ASSIGNOR further covenants that ASSIGNEE will, upon its request, be provided promptly with all pertinent facts and documents relating to said application, said invention, and said Letters Patent as may be known and accessible to ASSIGNOR and will testify as to the same in any interference or litigation related thereto and will promptly execute and deliver to ASSIGNEE or its legal representative any and all papers, instruments, or affidavits required to apply for, obtain, maintain, and enforce said application, said invention, and said Letters Patent which may be necessary or desirable to carry out the purposes hereof.</p> <p>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.</p>	
LEGAL NAME OF FIRST INVENTOR/ASSIGNOR	
Inventor: <u>Noritaka KISHI</u>	Date: <u>21 September / 2017</u>
Signature: <u>Noritaka Kishi</u>	
LEGAL NAME OF SECOND INVENTOR/ASSIGNOR	
Inventor: <u>Hiroyuki FURUKAWA</u>	Date: _____
Signature: _____	

LEGAL NAME OF THIRD INVENTOR/ASSIGNOR	
Inventor: <u>Katsuya OTOI</u>	Date: _____
Signature: _____	
LEGAL NAME OF FOURTH INVENTOR/ASSIGNOR	
Inventor: <u>Kazuyoshi YOSHIYAMA</u>	Date: _____
Signature: _____	
LEGAL NAME OF FIFTH INVENTOR/ASSIGNOR	
Inventor: <u>Tamotsu SAKAI</u>	Date: _____
Signature: _____	
LEGAL NAME OF SIXTH INVENTOR/ASSIGNOR	
Inventor: <u>Naoko GOTOH</u>	Date: _____
Signature: _____	

COMBINED DECLARATION/ASSIGNMENT FOR UTILITY OR DESIGN APPLICATION

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As a below named INVENTOR/ASSIGNOR, I hereby declare that:	
This declaration <input type="checkbox"/> The attached application, or	
is directed to: <input checked="" type="checkbox"/> United States application or PCT international application number <u>PCT/JP2016/058642</u> filed on <u>March 18, 2016</u>	
The above-identified application was made or authorized to be made by me.	
I believe that I am the original inventor or an original joint inventor of a claimed invention in the application.	
I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims.	
I acknowledge the duty to disclose information which is material to patentability as defined in 37 CFR § 1.56.	
WHEREAS, <u>Sharp Kabushiki Kaisha</u> (hereinafter referred to as "ASSIGNEE") having places of business at: <u>1, Takumi-cho, Sakai-ku, Sakai City, Osaka 590-8522, Japan</u> , is desirous of acquiring the entire right, title, and interest in, to, and under said invention and any Letters Patent that may be granted therefore in the United States and in any and all foreign countries;	
NOW, THEREFORE, TO ALL WHOM IT MAY CONCERN: Be it known that in consideration of the payment by ASSIGNEE to ASSIGNOR of the sum of One Dollar (\$1.00), the receipt of which is hereby acknowledged, and for other good and valuable consideration, ASSIGNOR hereby sells, assigns, and transfers to ASSIGNEE the full and exclusive right, title, and interest to the said invention and all Letters Patent of the United States to be obtained therefore on said application or any continuation, division, renewal, substitute, or reissue thereof for the full term or terms for which the same may be granted; and all Letters Patent and applications therefore through the world, including all the rights accruing by virtue of the International Convention for the Protection of Industrial Property or other relevant International Treaties and Arrangements.	
ASSIGNOR hereby covenants that no assignment, sale, agreement, or encumbrance has been or will be made or entered into which would conflict with this assignment and sale;	
ASSIGNOR further covenants that ASSIGNEE will, upon its request, be provided promptly with all pertinent facts and documents relating to said application, said invention, and said Letters Patent as may be known and accessible to ASSIGNOR and will testify as to the same in any interference or litigation related thereto and will promptly execute and deliver to ASSIGNEE or its legal representative any and all papers, instruments, or affidavits required to apply for, obtain, maintain, and enforce said application, said invention, and said Letters Patent which may be necessary or desirable to carry out the purposes hereof.	
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.	
LEGAL NAME OF FIRST INVENTOR/ASSIGNOR	
Inventor: <u>Noritaka KISHI</u> Date: _____	
Signature: _____	
LEGAL NAME OF SECOND INVENTOR/ASSIGNOR	
Inventor: <u>Hiroyuki FURUKAWA</u> Date: <u>31, August, 2017</u>	
Signature: <u>Hiroyuki Furukawa</u>	

LEGAL NAME OF THIRD INVENTOR/ASSIGNOR	
Inventor: <u>Katsuya OTOI</u>	Date: _____
Signature: _____	
LEGAL NAME OF FOURTH INVENTOR/ASSIGNOR	
Inventor: <u>Kazuyoshi YOSHIYAMA</u>	Date: <u>4, September, 2017</u>
Signature: <u>Kazuyoshi Yoshiyama</u>	
LEGAL NAME OF FIFTH INVENTOR/ASSIGNOR	
Inventor: <u>Tamotsu SAKAI</u>	Date: <u>4th, September, 2017</u>
Signature: <u>Tamotsu Sakai</u>	
LEGAL NAME OF SIXTH INVENTOR/ASSIGNOR	
Inventor: <u>Naoko GOTOH</u>	Date: <u>1st, September, 2017</u>
Signature: <u>Naoko Goto</u>	

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<p>LEGAL NAME OF FIRST INVENTOR/ASSIGNOR</p> <p>Inventor: <u>Noritaka KISHI</u> Date: _____</p> <p>Signature: _____</p>	
<p>LEGAL NAME OF SECOND INVENTOR/ASSIGNOR</p> <p>Inventor: <u>Hiroyuki FURUKAWA</u> Date: _____</p> <p>Signature: _____</p>	

LEGAL NAME OF THIRD INVENTOR/ASSIGNOR	
Inventor: <u>Katsuya OTOI</u>	Date: <u>29 / August / 2017</u>
Signature: <i>Katsuya Otoi</i>	
LEGAL NAME OF FOURTH INVENTOR/ASSIGNOR	
Inventor: <u>Kazuyoshi YOSHIYAMA</u>	Date: _____
Signature: _____	
LEGAL NAME OF FIFTH INVENTOR/ASSIGNOR	
Inventor: <u>Tamotsu SAKAI</u>	Date: _____
Signature: _____	
LEGAL NAME OF SIXTH INVENTOR/ASSIGNOR	
Inventor: <u>Naoko GOTOH</u>	Date: _____
Signature: _____	