04/15/2015 503264945

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT3311563

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
AKIHISA IWAMOTO	03/16/2015
MASAMI OZAKI	03/17/2015
TOMOHIKO NISHIMURA	03/18/2015
KOHJI SAITOH	03/17/2015
MASAKI UEHATA	03/17/2015
JUN NAKATA	03/25/2015

RECEIVING PARTY DATA

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

PROPERTY NUMBERS Total: 1

Property Type	Number	
Application Number:	14435783	

CORRESPONDENCE DATA

Fax Number: (571)313-7421

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.

Phone: 5713137440

Email: mflorimonte@kbiplaw.com **KEATING & BENNETT, LLP Correspondent Name:** 1800 ALEXANDER BELL DRIVE Address Line 1:

Address Line 2: SUITE 200

Address Line 4: RESTON, VIRGINIA 20191

ATTORNEY DOCKET NUMBER:	70404.2542/SH	
NAME OF SUBMITTER:	MAURA FLORIMONTE	
SIGNATURE:	/AMD/mf/	
DATE SIGNED:	04/15/2015	
This document serves as an Oath/Declaration (37 CFR 1.63).		

REEL: 035413 FRAME: 0842

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Total Attachments: 4

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Attorney Docket No. 70404.

COMBINED DECLARATION/ASSIGNMENT FOR UTILITY OR DESIGN APPLICATION

Title DISPLAY DEVICE AND METHOD OF DRIVING THE SAME		
As a below named INVENTOR/ASSIGNOR, I hereby declare that:		
This declaration The attached application, or		
is directed to:		
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 \S 1.56.		
WHEREAS, Sharp Kabushiki Kaisha (hereinafter referred to as "ASSIGNEE") having places of business at: 22-22. Nagaike-cho. Abeno-ku. Osaka-shi. Osaka 545-8522. Japan, 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: Akihisa IWAMOTO Date: 16/Mar/2015		
Signature: akihisa Iwamoto		
LEGAL NAME OF SECOND INVENTOR/ASSIGNOR		
Inventor: Masami OZAKI Date:		
Signature:		

LEGAL NAME OF THIRD INVENTOR/ASSIGNOR	
Inventor: Tomohiko NISHIMURA	Date:
Signature:	
LEGAL NAME OF FOURTH INVENTOR/ASSIGNOR	
Inventor: Kohji SAITOH	Date:
Signature:	
LEGAL NAME OF FIFTH INVENTOR/ASSIGNOR	
Inventor: Masaki UEHATA	Date:
Signature:	
LEGAL NAME OF SIXTH INVENTOR/ASSIGNOR	
Inventor: Jun NAKATA	Date: 25 / March / 2015
Signature: Jun Nakata	•

COMBINED DECLARATION/ASSIGNMENT FOR UTILITY OR DESIGN APPLICATION

Title	DISPLAY DEVICE AND METHOD OF DRIVING THE SAME			
As a be	elow named INVENTOR/ASSIGNOR, I hereby declare that:			
This de	eclaration 🔲 The attached application, or			
is dire	is directed to: United States application or PCT international application number PCT/JP2013/77717 filed on October 11, 2013			
The ab	ove-identified application was made or authorized to be made by me.			
I believ	ve that I am the original inventor or an original joint inventor of a claimed invention in the application.			
I herek	by state that I have reviewed and understand the contents of the above-identified specification, including the			
I ackno	owledge the duty to disclose information which is material to patentability as defined in 37 CFR § 1.56.			
Osaka	EAS, Sharp Kabushiki Kaisha nafter referred to as "ASSIGNEE") having places of business at: 22-22, Nagaike-cho, Abeno-ku, Osaka-shi, 545-8522, Japan, is desirous of acquiring the entire right, title, and interest in, to, and under said invention by 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.				
LEGAI	NAME OF FIRST INVENTOR/ASSIGNOR			
Invent	tor: Akihisa IWAMOTO Date:			
Signat	cure:			
	L NAME OF SECOND INVENTOR/ASSIGNOR			
Inven	tor: Masami OZAKI Date: 17 / March / 20/5			
Signat	cure: A Marami Dyaki			

LEGAL NAME OF THIRD INVENTOR/ASSIGNOR		
Inventor: Tomohiko NISHIMURA	Date:	18/March /2015
Signature: Tomofiiko Nishimwa		
LEGAL NAME OF FOURTH INVENTOR/ASSIGNOR		
Inventor: Kohji SAITOH	Date:	17/March /2015
Signature: Mohi Switch		,
LEGAL NAME OF FIFTH INVENTOR/ASSIGNOR		
Inventor: Masaki UEHATA	Date:	17/march/2015
Signature: Musaki Vehata		
LEGAL NAME OF SIXTH INVENTOR/ASSIGNOR		
Inventor: _Jun NAKATA	Date:	<u></u>
Signature:		

PATENT REEL: 035413 FRAME: 0847

RECORDED: 04/15/2015