502718709 03/12/2014

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT2765313

SUBMISSION TYPE:	NEW ASSIGNMENT	
NATURE OF CONVEYANCE:	ASSIGNMENT	
CONVEYING PARTY DATA		
	Name	Execution Date
YUKO KIZU		03/07/2014
MACHIKO ITO		03/10/2014
YUKIO KIZAKI		03/07/2014
HONAM KWON		03/07/2014
HIDEYUKI FUNAKI		03/07/2014
KAZUHIRO SUZUKI		03/07/2014
RISAKO UENO		03/07/2014
MITSUYOSHI KOBAYASHI		03/07/2014
HIROTO HONDA		03/05/2014

RECEIVING	PARTY D	ΑΤΑ
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Name:	KABUSHIKI KAISHA TOSHIBA
Street Address:	1-1, SHIBAURA 1-CHOME
City:	MINATO-KU, TOKYO
State/Country:	JAPAN

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	14206365

CORRESPONDENCE DATA

Fax Number:	(703)	413-2220
<i>Correspondence will be sent US Mail.</i>	to the	e-mail address first; if that is unsuccessful, it will be sent via
Phone:	(703)	413-3000
Email:	awor	den@oblon.com
Correspondent Name:	OBLO	ON, SPIVAK, ET AL.
Address Line 1:	1940	DUKE STREET
Address Line 4:	ALE>	(ANDRIA, VIRGINIA 22314
ATTORNEY DOCKET NUMBER	R:	432047US20RD
NAME OF SUBMITTER:		ALVA WORDEN
SIGNATURE:		/Alva Worden/
DATE SIGNED:		03/12/2014

502718709

	This document serves as an Oath/Declaration (37 CFR 1.63).
Total Attachments: 9	
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DECLARATION (37 CFR 1.63) FOR UTILITY OR DESIGN APPLICATION USING AN APPLICATION DATA SHEET (37 CFR 1.76) AND ASSIGNMENT FOR SINGLE ASSIGNEE

Title of	LIQUID CRYSTAL OPTICAL DEVICE, SOLID STATE IMAGING		
Invention	DEVICE, PORTABLE INFORMATION TERMINAL, AND DISPLAY		
As the helow perced	DEVICE nventor, I hereby declare that:		
	The attached application, or		
f	nited States application or PCT international application number		
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.		
having a place of but entire right, title and	USHIKI KAISHA TOSHIBA (hereinafter referred to as "ASSIGNEE") siness at: <u>1-1</u> , Shibaura 1-Chome, Minato-Ku, Tokyo, Japan is desirous of acquiring the interest in and to said invention and in and to any Letters Patent that may be granted therefore and its territorial possessions and in any and all foreign countries;		
acknowledged, and for said ASSIGNEE, the and in all foreign cour other relevant Interna interest in and to any	NOW, THEREFORE, in consideration of the sum of FIVE DOLLARS (\$5.00), the receipt whereof is hereby acknowledged, and for other good and valuable consideration, I, by these presents do sell, assign and transfer unto said ASSIGNEE, the full and exclusive right to the said invention in the United States and its territorial possessions and in all foreign countries (including the right to claim priority under the terms of the International Convention and other relevant International Treaties and Arrangements from the aforesaid application) and the entire right, title and interest in and to any and all Letters Patent which may be granted therefor in the United States and its territorial possessions, reissues, continuations, whetitions and rangement		
any and all foreign c assignee of my entire (his) successors and	and request the Patent Office Officials in the United States and its territorial possessions and ountries to issue any and all of said Letters Patent, when granted, to said ASSIGNEE as the right, title and interest in and to the same, for the sole use and behoof of said ASSIGNEE, its assigns, to the full end of the term for which said Letters Patent may be granted, as fully and would have been held by me had this Assignment and sale not been made.		
Further, I agree that I will communicate to said ASSIGNEE or its (his) representatives any facts known to me respecting said invention, and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuation, substitute, renewal and reissue applications, execute all necessary assignment papers to cause any and all of said Letters Patent to be issued to said ASSIGNEE, make all rightful oaths, and, generally do everything possible to aid said ASSIGNEE, its (his) successors and assigns, to obtain and enforce proper protection for said invention in the United States and its territorial possessions and in any and all foreign countries.			
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 I	NVENTOR		
Inventor: Yuko	KIZU Date: Mar. 7, 2014		
Inventor: Yuko Signature: Yu	ko tlizn		

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Invention DEVICE, PORTABLE INFORMATION TERMINAL, AND DISPLAY		
DEVICE		
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This declaration [] The attached application, or		
is directed to: United States application or PCT international application number		
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.		
WHEREAS, <u>KABUSHIKI KAISHA TOSHIBA</u> (hereinafter referred to as "ASSIGNEE") having a place of business at: <u>1-1</u> , <u>Shibaura 1-Chome</u> , <u>Minato-Ku</u> , <u>Tokyo</u> , <u>Japan</u> is desirous of acquiring the entire right, title and interest in and to said invention and in and to any Letters Patent that may be granted therefore in the United States and its territorial possessions and in any and all foreign countries;		
NOW, THEREFORE, in consideration of the sum of FIVE DOLLARS (\$5.00), the receipt whereof is hereby acknowledged, and for other good and valuable consideration, I, by these presents do sell, assign and transfer unto said ASSIGNEE, the full and exclusive right to the said invention in the United States and its territorial possessions and in all foreign countries (including the right to claim priority under the terms of the International Convention and other relevant International Treaties and Arrangements from the aforesaid application) and the entire right, title and interest in and to any and all Letters Patent which may be granted therefor in the United States and its territorial possessions and in any and all foreign countries and in and to any and all divisions, reissues, continuations, substitutions and renewals thereof.		
I hereby authorize and request the Patent Office Officials in the United States and its territorial possessions and any and all foreign countries to issue any and all of said Letters Patent, when granted, to said ASSIGNEE as the assignee of my entire right, title and interest in and to the same, for the sole use and behoof of said ASSIGNEE, its (his) successors and assigns, to the full end of the term for which said Letters Patent may be granted, as fully and entirely as the same would have been held by me had this Assignment and sale not been made.		
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LEGAL NAME OF INVENTOR		
Inventor: <u>Machiko ITO</u> Date: <u>Mar. 10, 2014</u>		
Signature: Machiko Sto		

DECLARATION (37 CFR 1.63) FOR UTILITY OR DESIGN APPLICATION USING AN APPLICATION DATA SHEET (37 CFR 1.76) AND ASSIGNMENT FOR SINGLE ASSIGNEE

Title of Invention	LIQUID CRYSTAL OPTICAL DEVICE, SOLID STATE IMAGING DEVICE, PORTABLE INFORMATION TERMINAL, AND DISPLAY DEVICE
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respecting said inve- continuation, substitu- all of said Letters P possible to aid said	hat I will communicate to said ASSIGNEE or its (his) representatives any facts known to me ention, and testify in any legal proceeding, sign all lawful papers, execute all divisional, inte, renewal and reissue applications, execute all necessary assignment papers to cause any and atent to be issued to said ASSIGNEE, make all rightful oaths, and, generally do everything ASSIGNEE, its (his) successors and assigns, to obtain and enforce proper protection for said ed States and its territorial possessions and in any and all foreign countries.
I hereby acknowl 1001 by fine or impri	cdge that any willful false statement made in this declaration is punishable under 18 U.S.C. isonment of not more than five (5) years, or both.
LEGAL NAME OF	INVENTOR.
Inventor: Yukia	Date: March 7, 2014

Signature: <u>Yulaio Kizaki</u>

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LEGAL NAME OF I		
Inventor: <u>Ho</u>	nam KWON Date: Mar 1th ~14	
Signature:		

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LEGAL NAME OF I	NVENTOR		
Inventor:Hideyuki FUNAKI Date: Manda 7.161, 2014			
Signature:	Inventor: <u>Hideyuki FUNAKI</u> Date: <u>Manda 1461, 20</u> 14 Signature: <u>Hideyuka Funakui</u>		
L	/		

OBLON, SPIVAK, McCLELLAND, MAIER & NEUSTADT, L.L.P. ATTORNEYS AT LAW 1940 DUKE STREET ALEXANDRIA, VIRGINIA 22314

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DECLARATION (37 CFR 1.63) FOR UTILITY OR DESIGN APPLICATION USING AN APPLICATION DATA SHEET (37 CFR 1.76) AND ASSIGNMENT FOR SINGLE ASSIGNEE

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LEGAL NAME OF I	NVENTOR		
Inventor: <u>Kazuhi</u> Signature:	Razuhiro Suzuki Date: March 7, 2014		
1	<u>v</u>		

OBLON, SPIVAK, McCLELLAND, MAIER & NEUSTADT, L.L.P. ATTORNEYS AT LAW 1940 DUKE STREET ALEXANDRIA, VIRGINIA 22314

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LEGAL NAME OF INVENTOR

Inventor: <u>Risako UENO</u>

Date: Mar. 9. 2014

Signature: Risahe Una

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LEGAL NAME OF INVENTOR		
Inventor: <u>Mitsuyoshi KOBAYASHI</u> Date: <u>March 7</u> , 2014		
Signature: Mithyoshi Kobayashi		

OBLON, SPIVAK, McCLELLAND, MAIER & NEUSTADT, L.L.P. ATTORNEYS AT LAW 1940 DUKE STREET ALEXANDRIA, VIRGINIA 22314

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NOW, THEREFORE, in consideration of the sum of FIVE DOLLARS (\$5.00), the receipt whereof is hereby acknowledged, and for other good and valuable consideration, I, by these presents do sell, assign and transfer unto said ASSIGNEE, the full and exclusive right to the said invention in the United States and its territorial possessions and in all foreign countries (including the right to claim priority under the terms of the International Convention and other relevant International Treaties and Arrangements from the aforesaid application) and the entire right, title and interest in and to any and all Letters Patent which may be granted therefor in the United States and its territorial possessions and in any and all foreign countries and in and to any and all divisions, reissues, continuations, substitutions and renewals thereof.		
I hereby authorize and request the Patent Office Officials in the United States and its territorial possessions and any and all foreign countries to issue any and all of said Letters Patent, when granted, to said ASSIGNEE as the assignce of my entire right, title and interest in and to the same, for the sole use and behoof of said ASSIGNEE, its (his) successors and assigns, to the full end of the term for which said Letters Patent may be granted, as fully and entirely as the same would have been held by me had this Assignment and sale not been made.		
Further, I agree that I will communicate to said ASSIGNEE or its (his) representatives any facts known to me respecting said invention, and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuation, substitute, renewal and reissue applications, execute all necessary assignment papers to cause any and all of said Letters Patent to be issued to said ASSIGNEE, make all rightful oaths, and, generally do everything possible to aid said ASSIGNEE, its (his) successors and assigns, to obtain and enforce proper protection for said invention in the United States and its territorial possessions and in any and all foreign countries.		
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 INVENTOR		

Inventor: Hiroto HONDA

mar 5, 2014. Date:

Signature: Niroto

OBLON, SPIVAK, McCLELLAND, MAIER & NEUSTADT, L.L.P.

Honda

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