### PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT2779718

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

#### **CONVEYING PARTY DATA**

Name	Execution Date
MASAHIRO UJIIE	03/20/2014
TSUYOSHI SHIGEMASA	03/20/2014
MIKIKO ABE	03/20/2014
TARO OKUYAMA	03/20/2014
YOSHINAGA KATO	03/20/2014
TAKAHIRO HIRAMATSU	03/20/2014

### **RECEIVING PARTY DATA**

Name:	RICOH COMPANY, LTD.
Street Address:	3-6, NAKAMAGOME 1-CHOME
City:	OHTA-KU, TOKYO
State/Country:	JAPAN
Postal Code:	143-8555

### **PROPERTY NUMBERS Total: 1**

Property Type	Number	
Application Number:	14221751	

### **CORRESPONDENCE DATA**

**Fax Number:** (703)413-2220

Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent via

US Mail.

Phone: (703) 413-3000
Email: ehasan@oblon.com
Correspondent Name: OBLON, SPIVAK, ET AL.
Address Line 1: 1940 DUKE STREET

Address Line 4: ALEXANDRIA, VIRGINIA 22314

ATTORNEY DOCKET NUMBER:	432651US28
NAME OF SUBMITTER:	EMEL HASAN
SIGNATURE:	/Emel Hasan/
DATE SIGNED:	03/21/2014
This document serves as an Oath/Declaration (37 CFR 1.63).	

**Total Attachments: 6** 



Title of	IMAGE PROCESSING DEVICE, DISPLA	Y TERMINAL, IMAGE DISPLAY		
Invention	SYSTEM, IMAGE PROCESSING METHOD, CONTROL METHOD OF			
	DISPLAY TERMINAL, CONTROL METHOD OF IMAGE DISPLAY SYSTEM,			
	AND PROGRAM THEREOF			
As the below name	d inventor, I hereby declare that:			
This declaration 🗵	The attached application, or			
is directed to:	United States application or PCT international application	plication number		
The above-identifie	ed application was made or authorized to be made by	y me.		
I believe that I am t	he original inventor or an original joint inventor of a	a claimed invention in the application.		
WHEREAS, RIC	OH COMPANY, LTD.	•		
143-8555, Japan , is	d to as "ASSIGNEE") having places of business at: s desirous of acquiring the entire right, title and inte may be granted therefore in the United States and	erest in and to said invention and 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 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.				
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.				
	ledge that any willful false statement made in this denent of not more than five (5) years, or both.	eclaration is punishable under 18 U.S.C. 1001		
LEGAL NAME OF	INVENTOR			
Inventor: MASAF	HRO UJIE	Date:March 20, 2014		
Signature:	Masalija Ujlie			

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

ALEXANDRIA, VIRGINIA 22314

Invention	SYSTEM, IMAGE PROCESSING METHOI DISPLAY TERMINAL, CONTROL METHO	D, CONTROL METHOD OF		
As the helow name	AND PROGRAM THEREOF d inventor, I hereby declare that:			
	, •			
	The attached application, or			
•	United States application or PCT international appl filed on	_•		
The above-identifie	d application was made or authorized to be made by	me.		
I believe that I am the	he original inventor or an original joint inventor of a	claimed invention in the application.		
WHEREAS, RICOH COMPANY, LTD. (hereinafter referred to as "ASSIGNEE") having places of business at: 3-6, Nakamagome 1-chome, Ohta-ku, Tokyo 143-8555, Japan, 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.				
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.				
by fine or imprisonn	ledge that any willful false statement made in this decenent of not more than five (5) years, or both.	claration is punishable under 18 U.S.C. 1001		
LEGAL NAME OF	INVENTOR	·		
Inventor: TSUYO	SHI SHIGEMASA	Date: March 20, 2014		
Signature: LA	Moshi Shigerwall.			

OBLON, SPIVAK, McCLELLAND, MAIER & NEUSTADT, L.L.P. ATTORNEYS AT LAW

1940 DUKE STREET ALEXANDRIA, VIRGINIA 22314

Title of	IMAGE PROCESSING DEVICE, DISPI			
Invention	SYSTEM, IMAGE PROCESSING METHOD, CONTROL METHOD OF			
		ETHOD OF IMAGE DISPLAY SYSTEM,		
	AND PROGRAM THEREOF			
As the below name	d inventor, I hereby declare that:			
This declaration	The attached application, or			
is directed to:	United States application or PCT international filed on	application number		
The above-identifie	d application was made or authorized to be mad	e by me.		
I believe that I am th	he original inventor or an original joint inventor	of a claimed invention in the application.		
(hereinafter referred 143-8555, Japan, is	desirous of acquiring the entire right, title and	at: 3-6, Nakamagome 1-chome, Ohta-ku, Tokyo interest in and to said invention and in and to any and its territorial possessions and in any and all		
acknowledged, and said ASSIGNEB, th and in all foreign co other relevant International interest in and to an	for other good and valuable consideration, I, the full and exclusive right to the said invention is countries (including the right to claim priority undiational Treaties and Arrangements from the afrey and all Letters Patent which may be granted any and all foreign countries and in and to	OLLARS (\$5.00), the receipt whereof is hereby by these presents do sell, assign and transfer unto in the United States and its territorial possessions der the terms of the International Convention and oresaid application) and the entire right, title and d therefor in the United States and its territorial any and all divisions, reissues, continuations,		
any and all foreign assignee of my entir (his) successors and	countries to issue any and all of said Letters I re right, title and interest in and to the same, for	e United States and its territorial possessions and Patent, when granted, to said ASSIGNEE as the r the sole use and behoof of said ASSIGNEE, its said Letters Patent may be granted, as fully and ent and sale not been made.		
respecting said invectorinuation, substituall of said Letters I possible to aid said	ention, and testify in any legal proceeding, rute, renewal and reissue applications, execute a Patent to be issued to said ASSIGNEE, make	rits (his) representatives any facts known to me sign all lawful papers, execute all divisional, all necessary assignment papers to cause any and all rightful oaths, and, generally do everything to obtain and enforce proper protection for said my and all foreign countries.		
by fine or imprisonm	nent of not more than five (5) years, or both.	is declaration is punishable under 18 U.S.C. 1001		
LEGAL NAME OF	INVENTOR			
Inventor: MIKIKO	) ABE	Date: March 20, 2014		
Signature: 27	rikika ale			

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

ATTORNEYS AT LAW 1940 DUKE STREET ALEXANDRIA, VIRGINIA 22314

Title of	IMAGE PROCESSING DEVICE, DISPLAY	TERM	INAL, IM	AGE D	DISPLAY
Invention	SYSTEM, IMAGE PROCESSING METHO	D, CON	TROL ME	THOD	OF
*	DISPLAY TERMINAL, CONTROL METHO	OD OF	IMAGE D	ISPLA	Y SYSTEM,
	AND PROGRAM THEREOF				
As the below name	ed inventor, I hereby declare that:				
This declaration \( \sum \)	The attached application, or				
is directed to:	United States application or PCT international application	lication n 	umber	····	
The above-identific	ed application was made or authorized to be made by	me.			,
I believe that I am t	the original inventor or an original joint inventor of a	claimed:	invention in	the appl	lication.
(hereinafter referred 143-8555, Japan, is	COH COMPANY, LTD.  d to as "ASSIGNEE") having places of business at: _ is desirous of acquiring the entire right, title and inter may be granted therefore in the United States and	est in and	I to said inve	ention a	nd 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 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.					
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: TARO C	OKUYAMA	Date:	March	20,	2014
	Taro Chinyana				

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

Interestion	SYSTEM, IMAGE PROCESSING MI	SPLAY TERMINAL, IMAGE DISPLAY ETHOD, CONTROL METHOD OF		
	DISPLAY TERMINAL, CONTROL N	METHOD OF IMAGE DISPLAY SYSTEM,		
	AND PROGRAM THEREOF	-		
	d inventor, I hereby declare that:			
	The attached application, or			
is directed to:	United States application or PCT internation filed on	nal application number		
The above-identified	d application was made or authorized to be $m$	aade by me.		
I believe that I am th	ne original inventor or an original joint inven-	ntor of a claimed invention in the application.		
WHEREAS, RICO (hereinafter referred 143-8555, Japan, is	OH COMPANY, LTD.  I to as "ASSIGNEE") having places of busing desirous of acquiring the entire right, title ar	ness at: 3-6, Nakamagome 1-chome, Ohta-ku, Tokyond interest in and to said invention and in and to any tes and its territorial possessions and in any and all		
acknowledged, and said ASSIGNEE, the and in all foreign co other relevant Interninterest in and to an possessions and in substitutions and ren	for other good and valuable consideration, I e full and exclusive right to the said invention contries (including the right to claim priority in actional Treaties and Arrangements from the my and all Letters Patent which may be grant any and all foreign countries and in and newals thereof.	DOLLARS (\$5.00), the receipt whereof is hereby to by these presents do sell, assign and transfer unto on in the United States and its territorial possessions under the terms of the International Convention and a aforesaid application) and the entire right, title and need therefor in the United States and its territorial to any and all divisions, reissues, continuations,		
any and all foreign assignee of my entir (his) successors and entirely as the same	countries to issue any and all of said Letter e right, title and interest in and to the same, assigns, to the full end of the term for which would have been held by me had this Assigns			
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 acknowle by fine or imprisonm	edge that any willful false statement made in ent of not more than five (5) years, or both.	this declaration is punishable under 18 U.S.C. 1001		
LEGAL NAME OF I	INVENTOR			
fnventor: YOSHIN	AGA KATO	Date: March 20, 2014		
-	Sungay 24 40			

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

Title of	TMAGE PROCESSING DEVICE DISPL	AV TEDMINAL IMAGE DISDI AV		
Invention	IMAGE PROCESSING DEVICE, DISPLAY TERMINAL, IMAGE DISPLAY SYSTEM, IMAGE PROCESSING METHOD, CONTROL METHOD OF			
	DISPLAY TERMINAL, CONTROL METHOD OF IMAGE DISPLAY SYSTEM,			
	AND PROGRAM THEREOF	ALLOD OF MARKED DISTERY,		
As the below named	d inventor, I hereby declare that:			
This declaration 🗵	The attached application, or			
is directed to:	United States application or PCT international filed on	application number		
The above-identified	d application was made or authorized to be made	e by me.		
I believe that I am th	he original inventor or an original joint inventor	of a claimed invention in the application.		
WHEREAS, RIC	OH COMPANY, LTD.			
143-8000, Japan ; 18	destrous of acquiring the entire right, title and i	at: 3-6, Nakamagome 1-chome, Ohta-ku, Tokyo interest in and to said invention and in and to any and its territorial possessions and in any and all		
acknowledged, and said ASSIGNEE, the and in all foreign co other relevant Internal interest in and to an	for other good and valuable consideration, I, be full and exclusive right to the said invention is untries (including the right to claim priority undustries (including the right to claim priority undustries) and Treaties and Arrangements from the aformation and all Letters Patent which may be granted any and all foreign countries and in and to	OLLARS (\$5.00), the receipt whereof is hereby by these presents do sell, assign and transfer unto in the United States and its territorial possessions der the terms of the International Convention and oresaid application) and the entire right, title and d therefor in the United States and its territorial any and all divisions, reissues, continuations,		
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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by fine or imprisonm	ent of not more than five (5) years, or both.	s declaration is punishable under 18 U.S.C. 1001		
LEGAL NAME OF	INVENTOR			
Inventor: TAKAHI	IRO HIRAMATSU	Date: March 20, 2014		
Signature: Jakan	hiro Hiramatsu			

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

PATENT REEL: 032497 FRAME: 0469

RECORDED: 03/21/2014