### 502142842 11/28/2012

### PATENT ASSIGNMENT

### Electronic Version v1.1 Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

### **CONVEYING PARTY DATA**

Name	Execution Date
Nobuyuki SATOH	11/12/2012
Yasuyuki SUZUKI	11/12/2012
Masato KOBAYASHI	11/12/2012
Suguru YOKOZAWA	11/12/2012
Tatsuhiko OKADA	11/12/2012
Mamoru YORIMOTO	11/20/2012
Daisaku HORIKAWA	11/12/2012
Yuichi SAKURADA	11/12/2012

#### **RECEIVING PARTY DATA**

Name:	RICOH COMPANY, LIMITED	
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:	13687520	

### **CORRESPONDENCE DATA**

**Fax Number**: 7034132220

Correspondence will be sent via US Mail when the fax attempt is unsuccessful.

Phone: (703) 413-3000
Email: aworden@oblon.com
Correspondent Name: Oblon, Spivak, et al.
Address Line 1: 1940 Duke Street

Address Line 4: Alexandria, VIRGINIA 22314

ATTORNEY DOCKET NUMBER: 408239US28

502142842 PATENT
REEL: 029366 FRAME: 0640

\$40.00 1368752

NAME OF SUBMITTER:	Alva T. Worden
	This document serves as an Oath/Declaration (37 CFR 1.63).
Total Attachments: 8 source=408239USASSIGN#page1.tif source=408239USASSIGN#page2.tif source=408239USASSIGN#page3.tif source=408239USASSIGN#page4.tif source=408239USASSIGN#page5.tif source=408239USASSIGN#page6.tif source=408239USASSIGN#page7.tif source=408239USASSIGN#page7.tif	

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

Title of	IMAGE CAPTURING UNIT COLOR MRASI	IDING DEVICE DATE		
Invention	THE WARRENCE OF THE CONTROL OF THE C			
MEASUREMENT METHOD				
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 on	tion number		
The above-identific	ed application was made or authorized to be made by me	:-		
	the original inventor or an original joint inventor of a cla	imed invention in the application.		
WHEREAS, RIC	COH COMPANY, LIMITED			
143.0333 1 NAMU 12	d to as "ASSIGNEE") having places of business at: 3-6 s desirous of acquiring the entire right, title and interest may be granted therefore in the United States and its	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 (bis) 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: Yasuyul	ki SUZUKI	Date: November . 12, 2012		
Signature:	Jasuyuki Suguki			

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

Title of	IMAGE CAPTURING UNIT, COLOR MEASURING DEVICE, IMAGE			
Invention	FORMING APPARATUS, COLOR MEASURING DEVICE, IMAGE FORMING APPARATUS, COLOR MEASURING SYSTEM AND COLOR			
	MEASUREMENT METHOD			
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 number			
The above-identifie	ed application was made or authorized to be made by me,			
	the original inventor or an original joint inventor of a claimed invention in the application.			
WHEREAS, RIC	OH COMPANY, LIMITED			
Letters Patent that foreign countries;	d to as "ASSIGNEE") having places of business at: 3-6, Nakamagome 1-chome, Ohta-ku, Tokyo desirous of acquiring the entire right, title and interest in and to said invention and in and to any may be granted therefore in the United States and its territorial possessions and in any and all			
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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: Masato				
Signature:	anto Kolayoski			

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

Invention	THE TOO OW TO WAY, CODON MEASUREM DEVICE, IMAGE				
	FORMING APPARATUS, COLOR MEASURING SYSTEM AND COLOR MEASUREMENT METHOD				
As the below named	d inventor, I hereby declare that:				
	The attached application, or				
is directed to:	United States application or PCT international application number				
The above-identifie	d application was made or authorized to be made by me,				
I believe that I am th	be original inventor or an original joint inventor of a claimed invention in the application.				
WHEREAS, RIC	OH COMPANY, LIMITED				
TANA 12	to as "ASSIGNEE") having places of business at: 3-6, Nakamagome 1-chome, Ohta-ku, Tokyo desirous of acquiring the entire right, title and interest in and to said invention and in and to any may be granted therefore in the United States and its territorial possessions and in any and all				
said ASSIGNEE, the and in all foreign co- other relevant Interral interest in and to an	ORE, in consideration of the sum of FIVE DOLLARS (\$5.00), the receipt whereof is hereby for other good and valuable consideration, I, by these presents do sell, assign and transfer unto the full and exclusive right to the said invention in the United States and its territorial possessions puntries (including the right to claim priority under the terms of the International Convention and national Treaties and Arrangements from the aforesaid application) and the entire right, title and many and all Letters Patent which may be granted therefor in the United States and its territorial any and all foreign countries and in and to any and all divisions, reissues, continuations, newals thereof.				
assigned of my entir (his) successors and entirely as the same	te and request the Patent Office Officials in the United States and its territorial possessions and countries to issue any and all of said Letters Patent, when granted, to said ASSIGNEE as the re right, title and interest in and to the same, for the sole use and behoof of said ASSIGNEE, its lassigns, 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 a respecting said invi- continuation, substit- all of said Letters I possible to aid said	that I will communicate to said ASSIGNEE or its (his) representatives any facts known to me cention, and testify in any legal proceeding, sign all lawful papers, execute all divisional, tute, renewal and reissue applications, execute all necessary assignment papers to cause any and Patent 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 ted States and its territorial possessions and in any and all foreign countries.				
I hereby acknowl by fine or imprisonn	ledge that any willful false statement made in this declaration is punishable under 18 U.S.C. 1001 nent of not more than five (5) years, or both.				
LEGAL NAME OF	_				
Inventor: Suguru	YOKOZAWA Date: November 72,2012				
Signature:	guru Yohozawa				

OBLON, SPIVAK, McCLELLAND, MAIER & NEUSTADT, L.L.P.
ATTORNEYS AT LAW
1940 DUKE STREET
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Lavention	FORMING APPARATUS, COLOR MEASURING DEVICE, IMAGE FORMING APPARATUS, COLOR MEASURING SYSTEM AND COLOR MEASUREMENT METHOD
As the below named	inventor, I hereby declare that:
This declaration 🔯	The attached application, or
is directed to:	United States application or PCT international application number
The above-identified	d application was made or authorized to be made by me.
I believe that I am th	ne original inventor or an original joint inventor of a claimed invention in the application.
WHEREAS, RICO (hereinafter referred 143-8555 Japan, is	OH COMPANY, LIMITED  to as "ASSIGNEE") having places of business at: 3-6, Nakamagome 1-chome, Ohta-ku, Tokyo desirous of acquiring the entire right, title and interest in and to said invention and in and to any may be granted therefore in the United States and its territorial possessions and in any and all
said ASSIGNEE, the and in all foreign co- other relevant Internal interest in and to ar	ORE, in consideration of the sum of FTVE DOLLARS (\$5.00), the receipt whereof is hereby for other good and valuable consideration, I, by these presents do sell, assign and transfer unto e full and exclusive right to the said invention in the United States and its territorial possessions untries (including the right to claim priority under the terms of the International Convention and sational Treaties and Arrangements from the aforesaid application) and the entire right, title and may and all Letters Patent which may be granted therefor in the United States and its territorial any and all foreign countries and in and to any and all divisions, reissues, continuations, newals thereof.
assignee of my entir (his) successors and	e and request the Patent Office Officials in the United States and its territorial possessions and countries to issue any and all of said Letters Patent, when granted, to said ASSIGNEE as the c 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 a respecting said invo- continuation, substit- all of said Letters I possible to aid said	that 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, ute, renewal and reissue applications, execute all necessary assignment papers to cause any and Patent 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 ted States and its territorial possessions and in any and all foreign countries.
I hereby acknowl by fine or imprisonn	edge that any willful false statement made in this declaration is punishable under 18 U.S.C. 1001 tent of not more than five (5) years, or both.
LEGAL NAME OF	INVENTOR
Inventor: Tatsuhik	The property of the test of th
Signature: Jac	tsuhiho Okada

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

Invention	FORMING APPARATUS COLOR MEASURING DEVICE, IMAGE		
	FORMING APPARATUS, COLOR MEASURING SYSTEM AND COLOR MEASUREMENT METHOD		
As the below name	inventor, I hereby declare that:		
This declaration 🛛	The attached application, or		
is directed to:	United States application or PCT international application number filed on		
The above-identified	d application was made or authorized to be made by me.		
I believe that I am th	ne original inventor or an original joint inventor of a claimed invention in the application.		
WHEREAS, RICC	OH COMPANY, LIMITED		
7 10 000 7 7 MM. 13	to as "ASSIGNEE") having places of business at: 3-6, Nakamagome 1-chome, Ohta-ku, Tokyo desirous of acquiring the entire right, title and interest in and to said invention and in and to any may be granted therefore in the United States and its territorial possessions and in any and all		
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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I hereby acknowl by fine or imprisonm	edge that any willful false statement made in this declaration is punishable under 18 U.S.C. 1001 nent of not more than five (5) years, or both.		
LEGAL NAME OF	INVENTOR		
Inventor: Mamoru	YORIMOTO Date: Neember 20, 20/2		
Signature:	anous systemato		

OBLON, SPIVAK, McCLELLAND, MAÏER & NEUSTADT, L.L.P.
ATTORNEYS AT LAW
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MEASUREMENT METHOD  As the below named inventor, I hereby declare that  This declaration The attached application, or is directed to:  United States application or PCT international application number filed on filed on the 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, RICOH COMPANY_IDMITED (hereinafter referred to as "ASSIGNEE") having places of business at: 3-5, Nakamagome I-chome, Ohta-ku, Tokyo 143-8555 Jagan, 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 had ASSIGNEE, the full and exclusive 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 Arrangements from the aforesaid application and the entire right, title and possessions and in any and all foreign countries and arrangements from the aforesaid application and the entire right, title and possessions and in any and all foreign countries and arrangements from the aforesaid application of the current of the countries and the retrieval therefor in the United States and its territorial possessions and interest in and to any and all foreign countries to issue any and all of said Letters Patent, when granted, to said ASSIGNEE, its (his) successors and assigns, to the full end of the term for which said Letters Patent ma	Inte of Invention	IMAGE CAPTUR	ING UNIT, COLOR MEA	ASURING	3 DEVICE, IMAGE
As the below named inventor, I hereby declare that  This declaration The attached application, or  is directed to: United States application or PCT international application number  filed on  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, RICOH COMPANY, LIMITED  (hereinafter referred to as "ASSIGNEE") having places of business at: 3-5, Nakamagome I-chome, Ohta-ku, Tokyo  143-28555 Jagan, 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 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, 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 kn	M vendon	FORMING APPAI	RATUS, COLOR MEAST	JRING S	YSTEM AND COLOR
The attached application or PCT international application number filed on  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, RICOH COMPANY, LIMITED  (hereinafter referred to as "ASSIGNEE") having places of business at: 3-6, Nakamagome I-chome, Ohtg-ku Tokyo 143-8555 lagan, is desirous of acquiring the entire right, title and interest in and to said invention and in and to any 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 ASSIGNEB, 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 foreign countries and Arrangements from the aforesaid application) and the entire right, title and interest in and to any and all foreign countries and in an another relevant International Treaties and Arrangements from the aforesaid application) and the entire right, title and interest in and to any and all foreign countries and in an another relevant International Treaties and Arrangements from the aforesaid application).  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 foreign countries to issue any and all of said Letters Patent, when granted, to said ASSIGNEE, as the sasignee of my entire right, title and interest in and to the same, for the sole use and behood of assignated, as fully an entire right, title and interest in each dish Assignment and sale not bee	As the below name	inventor. I hereby de	METHOD	····	
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I believe that I am the original inventor or an original joint inventor of a claimed invention in the application.  WHEREAS, RICOH COMPANY, LIMITED  (hercinafter referred to as "ASSIGNEE") having places of business at 3-6. Nakamagome 1-chome. Ohta-ku, Tokyo 143-8555 19231, 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 assignment 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 inventio	is directed to:	United States applica filed on	tion or PCT international app	lication no 	unber
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LEGAL NAME OF INVENTOR  Inventor: Daisaku HORIKAWA  Date: November, 12, 2012	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.				
Inventor: Daisaku HORIKAWA Date: Movember, 12, 2012	by fine of imprisonment of not more than five (5) years, or both.				
	LEGAL NAME OF	INVENTOR			
	Inventor: Daisaku	HORIKAWA		Date:	November 12 2012
			d		

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

Invention	IMAGE CAPTURING UNIT, COLOR MEASURING DEVICE, IMAGE
In this	FORMING APPARATUS, COLOR MEASURING SYSTEM AND COLOR MEASUREMENT METHOD
As the below named inventor, I hereby declare that:	
This declaration  The attached application, or	
I	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, RICOH COMPANY, LIMITED	
(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;	
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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: Yuichi S	
Signature:y	wichi Sahurada

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

ALEXANDRIA, VIRGINIA 22314

PATENT REEL: 029366 FRAME: 0649

**RECORDED: 11/28/2012**