### 502290692 03/28/2013

### PATENT ASSIGNMENT

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

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

#### **CONVEYING PARTY DATA**

Name	Execution Date
Hideaki SUZUKI	03/25/2013
Kazushi TAKEI	03/25/2013
Satoshi IWANAMI	03/22/2013
Masahiro SHIGEMOTO	03/22/2013
Nobuyuki SATOH	03/22/2013

### **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:	13852371

### **CORRESPONDENCE DATA**

**Fax Number**: 7034132220

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

Phone: (703) 413-3000

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Correspondent Name: Oblon, Spivak, et al.

Address Line 1: 1940 Duke Street

Address Line 4: Alexandria, VIRGINIA 22314

ATTORNEY DOCKET NUMBER:	414587US28
NAME OF SUBMITTER:	Svjetlana Badic
	This document serves as an Oath/Declaration (37 CER 163).

502290692 REEL: 030107 FRAME: 0843

OP \$40.00 13852374

# Total Attachments: 5 source=414587USAssignment#page1.tif source=414587USAssignment#page2.tif source=414587USAssignment#page3.tif source=414587USAssignment#page4.tif source=414587USAssignment#page5.tif

Title of Invention	MEASURING SYSTEM, AND IMAGE FORMING APPARATUS
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-identific	ed 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.
(hereinafter referre	COMPANY, LIMITED  d to as "ASSIGNEE") having places of business at: 3-6, Nakamagome 1-chome, Ohta-ku, Tokyo s 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
acknowledged, and said ASSIGNEE, t and in all foreign o other relevant Inte- interest in and to	FORE, in consideration of the sum of FIVE DOLLARS (\$5.00), the receipt whereof is hereby of 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 countries (including the right to claim priority under the terms of the International Convention and maximal Treaties and Arrangements from the aforesaid application) and the entire right, title and any and all Letters Patent which may be granted therefor in the United States and its territorial n any and all foreign countries and in and to any and all divisions, reissues, continuations, enewals thereof.
any and all foreign assignee of my en (his) successors as	rize and request the Patent Office Officials in the United States and its territorial possessions and in countries to issue any and all of said Letters Patent, when granted, to said ASSIGNEE as the stire right, title and interest in and to the same, for the sole use and behoof of said ASSIGNEE, its and assigns, to the full end of the term for which said Letters Patent may be granted, as fully and to would have been held by me had this Assignment and sale not been made.
respecting said in continuation, subs- all of said Letters possible to aid sa	e that I will communicate to said ASSIGNEE or its (his) representatives any facts known to me trention, and testify in any legal proceeding, sign all lawful papers, execute all divisional, stitute, renewal and reissue applications, execute all necessary assignment papers to cause any and a Patent to be issued to said ASSIGNEE, make all rightful oaths, and, generally do everything id ASSIGNEE, its (his) successors and assigns, to obtain and enforce proper protection for said inited States and its territorial possessions and in any and all foreign countries.
I hereby ackno by fine or impriso	wledge that any willful false statement made in this declaration is punishable under 18 U.S.C. 1001 nment of not more than five (5) years, or both.
LEGAL NAME O	
Inventor: Hidea	ki SUZUKI Date: Moreh 25, 2013
Signature: 💍	ioleaki sluzuki

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

Title of

IMAGE CAPTURING DEVICE, COLOR MEASURING DEVICE, COLOR

Invention MEA	ASURING SYSTEM. AND IMAGE FORMING APPARATUS
As the below named inve	ntor, I hereby declare that:
This declaration X The	attached application, or
is directed to:	ted States application or PCT international application number
The above-identified appl	lication was made or authorized to be made by me.
I believe that I am the ori	ginal inventor or an original joint inventor of a claimed invention in the application.
143-8555 Japan , is desir	OMPANY, LIMITED  s "ASSIGNEE") having places of business at: 3-6, Nekamagome 1-chome, Ohta-ku, Tokyo  rous of acquiring the entire right, title and interest in and to said invention and in and to any  be granted therefore in the United States and its territorial possessions and in any and all
acknowledged, and for o said ASSIGNEE, the full and in all foreign countri other relevant Internation interest in and to any an	in consideration of the sum of FIVE DOLLARS (\$5.00), the receipt whereof is hereby other good and valuable consideration. I, by these presents do sell, assign and transfer unto I and exclusive right to the said invention in the United States and its territorial possessions ies (including the right to claim priority under the terms of the International Convention and nal Treaties and Arrangements from the aforesaid application) and the entire right, title and ad all Letters Patent which may be granted therefor in the United States and its territorial and all foreign countries and in and to any and all divisions, reissues, continuations, is thereof.
any and all foreign cour assignee of my entire rig (his) successors and assi	Id request the Patent Office Officials in the United States and its territorial possessions and intries to issue any and all of said Letters Patent, when granted, to said ASSIGNEE as the ght, title and interest in and to the same, for the sole use and behoof of said ASSIGNEE, its igns, to the full end of the term for which said Letters Patent may be granted, as fully and ild have been held by me had this Assignment and sale not been made.
respecting said invention continuation, substitute, all of said Letters Pater possible to aid said AS	I will communicate to said ASSIGNEE or its (his) representatives any facts known to me on, and testify in any legal proceeding, sign all lawful papers, execute all divisional, renewal and reissue applications, execute all necessary assignment papers to cause any and it to be issued to said ASSIGNEE, make all rightful oaths, and, generally do overything SIGNEE, its (his) successors and assigns, to obtain and enforce proper protection for said states and its territorial possessions and in any and all foreign countries.
	e that any willful false statement made in this declaration is punishable under 18 U.S.C. 1001 of not more than five (5) years, or both.
LEGAL NAME OF INV	/ENTOR //
Inventor: Kazushi TA	KEI Date: March 25, 20/3
Signature: Konn	shi Takei

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

Title of	IMAGE CAPTURING DEVICE, COLOR MEASURING DEVICE, COLOR
Invention	MEASURING SYSTEM, AND IMAGE FORMING APPARATUS
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 filed on
The above-identific	ed application was made or authorized to be made by me.
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143-8555 Japan . i	d to as "ASSIGNEE") having places of business at: 3-6, Nakamagome 1-chome, Ohta-kn, Tokyo s 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
acknowledged, and said ASSIGNEE, it and in all foreign of other relevant late interest in and to	FORE, in consideration of the sum of FIVE DOLLARS (\$5.00), the receipt whereof is hereby if 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 countries (including the right to claim priority under the terms of the International Convention and mustional Treaties and Arrangements from the aforesaid application) and the entire right, title and any and all Letters Patent which may be granted therefor in the United States and its territorial n any and all foreign countries and in and to any and all divisions, reissues, continuations, snewals thereof.
any and all foreig assignee of my en (his) successors a	ize and request the Patent Office Officials in the United States and its territorial possessions and it countries to issue any and all of said Letters Patent, when granted, to said ASSIGNEE as the tire right, title and interest in and to the same, for the sole use and behoof of said ASSIGNEE, its id assigns, to the full end of the term for which said Letters Patent may be granted, as fully and it would have been held by me had this Assignment and sale not been made.
respecting said in continuation, subs all of said Letters possible to aid sa	e that I will communicate to said ASSIGNEE or its (his) representatives any facts known to me reention, and testify in any legal proceeding, sign all lawful papers, execute all divisional, titute, renewal and reissue applications, execute all necessary assignment papers to cause any and a Patent to be issued to said ASSIGNEE, make all rightful oaths, and, generally do everything id ASSIGNEE, its (his) successors and assigns, to obtain and emforce proper protection for said nited States and its territorial possessions and in any and all foreign countries.
	wledge that any willful false statement made in this declaration is punishable under 18 U.S.C. 1001 nment of not more than five (5) years, or both.
LEGAL NAME C	OF INVENTOR
Inventor: Satosi	i IWANAMI Date: March, 22, 20 3
Signature:	atoshi Lugnami

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

Title of II	MAGE CAPTURING DEVICE, COLOR MEASURING DEVICE, COLOR MEASURING SYSTEM, AND IMAGE FORMING APPARATUS
ļ.	
As the below named it	nventor, I hereby declare that:
This declaration 🔀 🤈	The attached application, or
	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.
	H COMPANY, LIMITED
143-8555 Japan , is d	o as "ASSIGNEE") having places of besiness at: 3-6, Nakamagome 1-chome, Ohta-ku, Tokyo esirous of acquiring the entire right, title and interest in and to said invention and in and to any ay be granted therefore in the United States and its territorial possessions and in any and all
acknowledged, and for said ASSKINEE, the and in all foreign count other relevant Interna- interest in and to any	RE, in consideration of the sum of FIVE DOLLARS (\$5.00), the receipt whereof is hereby or other good and valuable consideration, I, by these presents do sell, assign and transfer unto full and exclusive right to the said invention in the United States and its territorial possessions nuries (including the right to claim priority under the terms of the International Convention and thoual Treaties and Arrangements from the aforesaid application) and the entire right, title and v and all Letters Patent which may be granted therefor in the United States and its territorial my and all foreign countries and in and to any and all divisions, reissues, continuations, swals thereof.
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 countries 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.
respecting said inve- continuation, substitu- all of said Letters Pa possible to aid said A	nat I will communicate to said ASSIGNEE or its (his) representatives any facts known to me ation, and testify in any legal proceeding, sign all lawful papers, execute all divisional, the 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 ad States and its territorial possessions and in any and all foreign countries.
	edge that any willful false statement made in this declaration is punishable under 18 U.S.C. 1001 ent of not more than five (5) years, or both.
LEGAL NAME OF I	
Inventor: Masshiro	
Signature: Mas	ahiro Shigamoto

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

Title of IMAGE CAPTURING DEVICE, COLOR MEASURING DEVICE, COLOR MEASURING SYSTEM, AND IMAGE FORMING APPARATUS
As the below named inventor, I hereby declare that:
This declaration M 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 "ASSIGNEB") having places of business at: 3-6. Nakamagome 1-chome. Ohta-ku, Toky 143-8555 Japan. is desirous of acquiring the entire right, title and interest in and to said invention and in and to an Letters Patent that may be granted therefore in the United States and its territorial possessions and in any and a foreign countries;
NOW, THEREFORE, in consideration of the sum of FIVE DOLLARS (\$5.00), the receipt whereof is hereb acknowledged, and for other good and valuable consideration, I, by these presents do sell, assign and transfer unit said ASSIGNEE, the full and exclusive right to the said invention in the United States and its territorial possession 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 an 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 an 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, it (his) successors and assigns, to the full end of the term for which said Letters Patent may be granted, as fully an 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 faots known to me respecting said invention, and testify in any legal proceeding, sign all lawful papers, execute all divisions continuation, substitute, renewal and reissue applications, execute all necessary assignment papers to cause any an all of said Letters Patam to be issued to said ASSIGNEE, make all rightful caths, and, generally do everythin possible to aid said ASSIGNEE, its (his) successors and assigns, to obtain and enforce proper protection for sai 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. 100 by fine or impresonment of not more than five (5) years, or both.
LEGAL NAME OF INVENTOR
Signature: Nobuyuki Satoh  Date: March 22. 2013
Signature. L. Morriques Davon

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

PATENT REEL: 030107 FRAME: 0849

**RECORDED: 03/28/2013**