PATENT ASSIGNMENT

Electronic Version v1.1 Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date	
Osamu ENDOU	01/31/2013	
Yasuyuki ISHII	01/30/2013	
Yoshiko OGAWA	01/29/2013	
Yuuji ISHIKURA	01/29/2013	
Hideyasu SEKI	01/29/2013	
Toshio KOIKE	01/29/2013	
Akihiro KAWAKAMI	01/29/2013	

RECEIVING PARTY DATA

Name:	Ricoh Company, Ltd.
Street Address:	3-6, Nakamagome 1-chome
City:	Ohta-ku, Tokyo
State/Country:	JAPAN

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	13760595

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: 411663US28

NAME OF SUBMITTER: Alva T. Worden

PATENT REEL: 029766 FRAME: 0536 D \$40,00 13760595

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	This document serves as an Oath/Declaration (37 CFR 1.63).
Total Attachments: 6 source=411663USASSIGN#page1.tif source=411663USASSIGN#page2.tif source=411663USASSIGN#page3.tif source=411663USASSIGN#page4.tif source=411663USASSIGN#page5.tif source=411663USASSIGN#page6.tif	

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 DEVELOPING DEVICE AND IMAGE FORMING APPARATUS			
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, Ltd. (hereinafter referred to as "ASSIGNEE") having places of business at: 3-6, Nakamagome 1-chome, Ohta-ku, Tokyo, 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.			
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.			
EGAL NAME OF INVENTOR			
nventor: Osamu Endou Date: Jamany 31, 2013			
Signature: Osamu Gnavu			

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

SUPPLEMENTAL SHEET FOR DECLARATION USING	3
AN APPLICATION DATA SHEET AND ASSIGNMENT	

ADDITIONAL INVENTOR(S)
Supplemental Sheet

Page 1 of

Legal Name of Joint Inventor, if any:	
(E.g., Given Name (first and middle (if any)) and Family Name or Simame)	
Yasuyuki Ishii	
Inventor's	
Signature	Date (Optional)
Legal Name of Joint Inventor, if any:	
(E.g., Given Name (first and middle (if any)) and Family Name or Suname)	
Yoshiko Ogawa	
resulte Officer	Notes (ministrate the of the transfer that the contract of the
Inventor's	
Signature	Date (Óptional)
Legal Name of Joint Inventor, if any:	
(E.g., Given Name (first and middle (if any)) and Family Name or Sumaine)	
Yuuji Ishikura	
Inventor's Signature	
Signature	Date (Optional)
Legal Name of Joint Inventor, if any:	
(E.g., Given Name (first and middle (if any)) and Family Name or Surname)	
Hideyasu Seki	
•	
Inventor's	D . 60 (1 B
Signature	Date (Optional)
Legal Name of Joint Inventor, if any:	
(E.g., Given Name (first and middle (if any)) and Family Name or Sumame)	·
Toshio Koike	
Inventor's	
Signature	Date (Optional)
Legal Name of Joint Inventor, if any:	
(E.g., Given Name (first and middle (if any)) and Family Name or Surname)	
Akihiro Kawakami	
Inventor's	
Signature	Date (Optional)
Lagal Name of Joint Inventor Money	
Legal Name of Joint Inventor, if any:	
(E.g., Given Name (first and middle (if any)) and Family Name or Sumame)	
Y	
Inventor's Signature	Date (Optional)
	Date (Optional)

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

Invention	DEVELOPING DEVICE AND IMAGE FORMING APPARATUS		
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 t	he original inventor or an original joint inventor of a claimed invention in the application.		
Japan, is desirous	oh Company, Ltd. I to as "ASSIGNEE") having places of business at: 3-6, Nakamagome 1-chome, Ohta-ku, Tokyo of acquiring the entire right, title and interest in and to said invention and in and to any Letter granted therefore in the United States and its territorial possessions and in any and all foreign	rs.	
acknowledged, and said ASSIGNEE, th and in all foreign co other relevant Inter- interest in and to ar	FORE, 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 until the full and exclusive right to the said invention in the United States and its territorial possession countries (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 among and all Letters Patent which may be granted therefor in the United States and its territoria any and all foreign countries and in and to any and all divisions, reissues, continuations newals thereof.	lo is id id	
any and all foreign assignee of my entir (his) successors and	ze 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, it 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.	e	
respecting said invo continuation, substituall of said Letters F 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 fute, 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.	l, d g	
	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.	1	
LEGAL NAME OF	INVENTOR		
Inventor: Osamu E	Indou Date:		
Signature:			

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

SUPPLEMENTAL SHEET FOR DECLARATION USING AN APPLICATION DATA SHEET AND ASSIGNMENT

ADDITIONAL INVENTOR(S) Supplemental Sheet

Page 1 of

Legal Name of Joint Inventor, if any:	
(E.g., Given Name (first and middle (if any)) and Family Name or Surname)	
Yasuyuki Ishii	
Inventor's Yasuyulai Oshii Signature	January 30.2013 Date (Optional)
Signature	Date (Optional) U
Legal Name of Joint Inventor, if any:	
(E.g., Given Name (first and middle (if any)) and Family Name or Surname)	en de la composition
Yoshiko Ogawa	
Inventor's Signature	150-4- (O. 181)
Bigurano	Date (Optional)
Legal Name of Joint Inventor, if any:	90
(E.g., Given Name (first and middle (if any)) and Family Name or Sumame)	
Yuuji Ishikura	
Inventor's	
Signature	Date (Optional)
Legal Name of Joint Inventor, if any:	
(E.g., Given Name (first and middle (if any)) and Family Name or Sumano) Hideyasu Seki	
Thoughan den	
Inventor's	
Signature	Date (Optional)
Legal Name of Joint Inventor, if any:	
(E.g., Given Name (first and middle (if any)) and Family Name or Surname)	
Toshio Koike	
Inventor's Signature	Date (Optional)
Legal Name of Joint Inventor, if any:	
(E.g., Given Name (first and middle (if any)) and Family Name or Surname)	ŀ
Akihiro Kawakami	
Thyeidor's	
Signature	Date (Optional)
Legal Name of Joint Inventor, if any:	
(E.g., Given Name (first and middle (if any)) and Family Name or Surname)	
# 1900 - 1900 Committee Committee National Management of the Committee of	
Inventor's Signature	Date (Optional)

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 DEVELOPING DEVICE AND IMAGE FORMING APPARATUS
As the below named inventor, I hereby declare that:
This declaration (X) 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, Ltd. (hereinafter referred to as "ASSIGNEE") having places of business at: 3-6, Nakamagome 1-chome, Ohta-ku, Tokyo, 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.
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LEGAL NAME OF INVENTOR
Inventor: Osamu Endou Date:
Signature:

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

SUPPLEMENTAL	SHEET	FOR I	DECLA	RATION	USING
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(E.g., Given Name (first and middle (if any)) and Family Name or Surname)	
Yasuyuki Ishii	
Inventor's	
Signature	Date (Optional)
Legal Name of Joint Inventor, if any:	
(E.g., Given Name (first and middle (if any)) and Family Name or Surnanie)	
Yoshiko Ogawa	
Inventor's Yoshiho Ogawa Signature Yoshiho Ogawa	ganuary 29 2013
Legal Name of Joint Inventor, if any:	
(E.g., Given Name (first and middle (if any)) and Family Name or Surname)	
Yuuji Ishikura	
Inventor's Yuuzi Ahikwa Signature	January, 24, 2013 Date (Optional)
Legal Name of Joint Inventor, if any:	
(E.g., Given Name (first and middle (if any)) and Family Name or Surname)	
Hideyasu Seki	
timentor's Hideyasu Seki	January . 29,2013 Date (Optional)
Legal Name of Joint Inventor, if any:	
(E.g., Given Name (first and middle (if ony)) and Family Name or Sumane) Toshio Koike	
hiventor's Joshio Kocke	January 29 20/3
Legal Name of Joint Inventor, if any:	
(E.g., Given Name (first and middle (if any)) and Family Name or Suname) Akihiro Kawakami	
Inventor's akiling Kawakeni Signature	Leavery, 29, 2013 Date (Optional)
Legal Name of Joint Inventor, if any:	
(E.g., Given Name (first and middle (if any)) and Family Name or Sumame)	
Inventor's Signature	Date (Optional)
	J Date (Spinosial)

PATENT REEL: 029766 FRAME: 0543

RECORDED: 02/06/2013