## 502489723 09/10/2013

### PATENT ASSIGNMENT

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

#### **CONVEYING PARTY DATA**

Name	Execution Date
Shingo SAKASHITA	08/02/2013
Junichi AWAMURA	08/02/2013
Tsuneyasu NAGATOMO	08/12/2013
Satoshi KOJIMA	08/02/2013
Tomoki MURAYAMA	08/02/2013

#### **RECEIVING PARTY DATA**

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

#### PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	14022691

#### **CORRESPONDENCE DATA**

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ATTORNEY DOCKET NUMBER:	421612US99
NAME OF SUBMITTER:	Arielle Adams
Signature:	/Arielle Adams/
	PATENT

REEL: 031176 FRAME: 0071

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Date:	09/10/2013
	This document serves as an Oath/Declaration (37 CFR 1.63).
Total Attachments: 2 source=421612USASN#page1.tif source=421612USASN#page2.tif	

PATENT REEL: 031176 FRAME: 0072

# 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 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 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.		
LEGAL NAME OF INVENTOR		
Inventor: Shingo Sakashita Date: August 2, 20/3		
Signature: Shingo Sakashita		

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

PATENT REEL: 031176 FRAME: 0073

SUPPLEMENTAL SHEET FOR DECLARATION USING
AN APPLICATION DATA SHEET AND ASSIGNMENT

ADDITIONAL INVENTOR(S)
Supplemental Sheet

Legal Name of Joint Inventor, if any:			
(E.g., Given Name (first and middle (if any)) and Family Name or Surname)			
Junichi Awamura			
Inventor's Junichi Awamura	august 2,20/3		
Legal Name of Joint Inventor, if any:			
(E.g., Given Name (first and middle (if any)) and Family Name or Surname) Tsuneyasu Nagatomo			
Inventor's Junyas Ragatono	QUANA 12,20/3 Date (Optional)		
Legal Name of Joint Inventor, if any:			
(E.g., Given Name (first and middle (if any)) and Family Name or Surname) Satoshi Kojima			
Inventor's Satoshi Mojima	August 2, 2013 Date (Optional)		
Legal Name of Joint Inventor, if any:			
(E.g., Given Name (first and middle (if any)) and Family Name or Surname) Tomoki Murayama			
Inventor's Lomoki Mwayama Signature	August 2, 2013 Date (Optional)		
Legal Name of Joint Inventor, if any:			
(E.g., Given Name (first and middle (if any)) and Family Name or Surname)			
Inventor's Signature	Date (Optional)		
	Вис (Српский)		
Legal Name of Joint Inventor, if any:			
(E.g., Given Name (first and middle (if any)) and Family Name or Surname)			
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)			
Inventor's Signature	Date (Optional)		
	Date (Optionar)		

PATENT REEL: 031176 FRAME: 0074

**RECORDED: 09/10/2013**