PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2

EPAS ID: PAT5984649

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
TAKESHI SHIKAMA	02/21/2020
HIROKI TANAKA	02/21/2020
RYOSUKE TAKEUCHI	02/21/2020

RECEIVING PARTY DATA

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

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	16802582

CORRESPONDENCE DATA

Fax Number:

Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent using a fax number, if provided; if that is unsuccessful, it will be sent via US Mail.

Phone: 5713766333

Email: anaquadocketing@Xsensus.com

XSENSUS LLP **Correspondent Name:**

200 DAINGERFIELD ROAD Address Line 1:

Address Line 2: SUITE 201

Address Line 4: ALEXANDRIA, VIRGINIA 22314

ATTORNEY DOCKET NUMBER:	13983US01	
NAME OF SUBMITTER:	TIERNEY FARRELL	
SIGNATURE:	/Tierney Farrell/	
DATE SIGNED:	02/27/2020	
	This document serves as an Oath/Declaration (37 CFR 1.63).	

Total Attachments: 3

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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	PRINTING APPARATUS, PRINTING SYSTEM,	AND PRINTING METHOD
As the below name	ed inventor, I hereby declare that:	
This declaration	☐ The attached application, or	
is directed to:	United States application or PCT international application filed on	ı number
The above-identific	ied 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 claime	ed invention in the application.
143-8555, Japan, is	coh Company, Ltd., ed to as "ASSIGNEE") having places of business at: 3-6, N is desirous of acquiring the entire right, title and interest in may be granted therefore in the United States and its territoria	and to said invention and in and to any
I, by these presents in the United State under the terms of aforesaid application therefor in the United	EFORE, for good, valuable, and adequate consideration, the rest do sell, assign and transfer unto said ASSIGNEE, the full attest and its territorial possessions and in all foreign countries of the International Convention and other relevant Internation ion) and the entire right, title and interest in and to any and a ited States and its territorial possessions and in any and all fues, continuations, substitutions and renewals thereof.	and exclusive right to the said invention is (including the right to claim priority al Treaties and Arrangements from the all Letters Patent which may be granted
and all foreign cour of my entire right, and assigns, to the	rize and request the Patent Office Officials in the United State untries to issue any and all of said Letters Patent, when grant, title and interest in and to the same, for the sole use and belefull end of the term for which said Letters Patent may be granted by me had this Assignment and sale not been made.	ted, to said ASSIGNEE as the assignee noof of said ASSIGNEE, its successors
said invention, and substitute, renewal Patent to be issued ASSIGNEE, its sud	e that I will communicate to said ASSIGNEE or its representant testify in any legal proceeding, sign all lawful papers I and reissue applications, execute all necessary assignment part to said ASSIGNEE, make all rightful oaths, and, general accessors and assigns, to obtain and enforce proper protection possessions and in any and all foreign countries.	, execute all divisional, continuation, apers to cause any and all of said Letters ally do everything possible to aid said
	wledge that any willful false statement made in this declarate nment of not more than five (5) years, or both. OF INVENTOR	on is punishable under 18 U.S.C. 1001
		Fabruary 21 2020
Inventor: TAKESH	HI SHIKAMA Dat	February 21, 2020
Signature: / 7	Takeshi Shikama /	

XSENSUS LLP ATTORNEYS AT LAW 200 DAINGERFIELD ROAD, SUITE 201 Alexandria, VA 22314

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 PRINTING APPARATUS, PRINTING SYSTEM, AND PRINTING 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		
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 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, for good, valuable, and adequate consideration, the receipt of which is hereby acknowledged, 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 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 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 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: HIROKI TANAKA Date: February 21, 2020		
Signature: / Hiroki Tanaka /		

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Title of Invention PRINTING APPARATUS, PRINTING SYSTEM, AND PRINTING 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 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 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, for good, valuable, and adequate consideration, the receipt of which is hereby acknowledged, 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 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 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 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: RYOSUKE TAKEUCHI Date: February 21, 2020		
Signature: / Ryosuke Takeuchi /		

XSENSUS LLP ATTORNEYS AT LAW 200 DAINGERFIELD ROAD, SUITE 201 Alexandria, VA 22314

RECORDED: 02/27/2020