506918732 10/13/2021

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT6965567

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
KEIKO MARUYAMA	10/04/2021
SHOHEI OZAWA	10/04/2021
SHUSEI MURAI	10/05/2021

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:	17499872

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

Correspondent Name: XSENSUS LLP

Address Line 1: 100 DAINGERFIELD ROAD

Address Line 2: SUITE 402

Address Line 4: ALEXANDRIA, VIRGINIA 22314

ATTORNEY DOCKET NUMBER:	17760US01
NAME OF SUBMITTER:	SHELLY LEDERLE
SIGNATURE:	/Shelly Lederle/
DATE SIGNED:	10/13/2021
	This document serves as an Oath/Declaration (37 CFR 1.63).

Total Attachments: 3

PATENT REEL: 057774 FRAME: 0580

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> PATENT REEL: 057774 FRAME: 0581

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

	PAINT DISCHARGING NOZZLE AND METHOD OF CONTROLLING PAINT DISCHARGING NOZZLE
As the below na	med 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-ident	ified application was made or authorized to be made by me.
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	<u>-</u>
is desirous of ac may be granted t	quiring the entire right, title and interest in and to said invention and in and to any Letters Patent that therefore in the United States and its territorial possessions and in any and all foreign countries;
by these presents the United States the terms of the lapplication) and the United States	EFORE, for good, valuable, and adequate consideration, the receipt of which is hereby acknowledged, I, is do sell, assign and transfer unto said ASSIGNEE, the full and exclusive right to the said invention in a sand its territorial possessions and in all foreign countries (including the right to claim priority under International Convention and other relevant International Treaties and Arrangements from the aforesaid the entire right, title and interest in and to any and all Letters Patent which may be granted therefor in a sand its territorial possessions and in any and all foreign countries and in and to any and all divisions, ations, substitutions and renewals thereof.
and all foreign comy entire right, to assigns, to the fu	orize and request the Patent Office Officials in the United States and its territorial possessions and any countries to issue any and all of said Letters Patent, when granted, to said ASSIGNEE as the assignee of title and interest in and to the same, for the sole use and behoof of said ASSIGNEE, its successors and all end of the term for which said Letters Patent may be granted, as fully and entirely as the same would 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 ackn fine or imprisoni	owledge that any willful false statement made in this declaration is punishable under 18 U.S.C. 1001 by nent of not more than five (5) years, or both.
LEGAL NAME	OF INVENTOR
Inventor: Kei	ko MARUYAMA Date: 04/10/202/
Signature:	Eiko Maruyama
	<i></i>

XSENSUS LLP ATTORNEYS AT LAW 100 DAINGERFIELD ROAD, SUITE 402 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

1 1	PAINT DISCHARGING NOZZLE AND METHOD OF CONTROLLING PAINT DISCHARGING NOZZLE
As the below nar	med 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-identi	ified application was made or authorized to be made by me.
WHEREAS, Ri	the original inventor or an original joint inventor of a claimed invention in the application. coh Company, Ltd. rred to as "ASSIGNEE") having places of business at: 3-6, Nakamagome 1-chome, Ohta-ku, Tokyo
143-8555, Japan	-
	quiring the entire right, title and interest in and to said invention and in and to any Letters Patent that herefore in the United States and its territorial possessions and in any and all foreign countries;
by these presents the United States the terms of the I application) and the United States	EFORE, for good, valuable, and adequate consideration, the receipt of which is hereby acknowledged, I, is do sell, assign and transfer unto said ASSIGNEE, the full and exclusive right to the said invention in a sand its territorial possessions and in all foreign countries (including the right to claim priority under International Convention and other relevant International Treaties and Arrangements from the aforesaid the entire right, title and interest in and to any and all Letters Patent which may be granted therefor in a and its territorial possessions and in any and all foreign countries and in and to any and all divisions, ations, substitutions and renewals thereof.
and all foreign co my entire right, t assigns, to the fu	orize and request the Patent Office Officials in the United States and its territorial possessions and any puntries to issue any and all of said Letters Patent, when granted, to said ASSIGNEE as the assignee of citle and interest in and to the same, for the sole use and behoof of said ASSIGNEE, its successors and ll end of the term for which said Letters Patent may be granted, as fully and entirely as the same would 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.	
	owledge that any willful false statement made in this declaration is punishable under 18 U.S.C. 1001 by nent of not more than five (5) years, or both.
LEGAL NAME	OF INVENTOR
Inventor: Sho	ohei OZAWA Date:(0/4/202/
Signature:	hohei Ozawa

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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	PAINT DISCHARGING NOZZLE AND METHOD OF CONTROLLING PAINT DISCHARGING NOZZLE
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-identi	ified 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.	
143-8555, Japan	rred to as "ASSIGNEE") having places of business at: 3-6, Nakamagome 1-chome, Ohta-ku, Tokyo
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;	
by these presents the United States the terms of the lapplication) and the United States	EFORE, for good, valuable, and adequate consideration, the receipt of which is hereby acknowledged, I, is do sell, assign and transfer unto said ASSIGNEE, the full and exclusive right to the said invention in a sand its territorial possessions and in all foreign countries (including the right to claim priority under international Convention and other relevant International Treaties and Arrangements from the aforesaid the entire right, title and interest in and to any and all Letters Patent which may be granted therefor in a and its territorial possessions and in any and all foreign countries and in and to any and all divisions, ations, 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: Shu	asei MURAI Date: October 5, 2021
Signature:/	Shusei Murai

XSENSUS LLP ATTORNEYS AT LAW 100 DAINGERFIELD ROAD, SUITE 402 Alexandria, VA 22314

RECORDED: 10/13/2021

PATENT REEL: 057774 FRAME: 0584