504219004 02/08/2017

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT4265681

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
MANABU SEO	01/13/2017
SATOSHI NAKAZAWA	01/13/2017
YUZURU KURAMOCHI	01/13/2017
DAISUKE TAKAGI	01/13/2017
TAKAHIKO MATSUMOTO	01/13/2017

RECEIVING PARTY DATA

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

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	15335040

CORRESPONDENCE DATA

Fax Number: (703)413-2220

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: (703) 413-3000
Email: JYKim@oblon.com
Correspondent Name: OBLON, ET AL.
Address Line 1: 1940 DUKE STREET

Address Line 4: ALEXANDRIA, VIRGINIA 22314

ATTORNEY DOCKET NUMBER:	478915US
NAME OF SUBMITTER:	JUNG-YON KIM
SIGNATURE:	/Jung-Yon Kim/
DATE SIGNED:	02/08/2017
	This document serves as an Oath/Declaration (37 CFR 1.63).

Total Attachments: 5

PATENT REEL: 041204 FRAME: 0807

504219004



Title of Invention	LIQUID DROPLET 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 int filed on October 26, 2016	ernational application number	r 15/335,040
The above-identified	l application was made or authorized	to be made by me.	
I believe that I am the	e original inventor or an original join	t inventor of a claimed invent	tion in the application.
(hereinafter referred 143-8555, Japan, is	h Company, Ltd. to as "ASSIGNEE") having places o desirous of acquiring the entire right, nay be granted therefore in the Unit	, title and interest in and to sa	aid invention and in and to any
acknowledged, and f said ASSIGNEE, the and in all foreign cou other relevant Interna interest in and to an	ORE, in consideration of the sum of for other good and valuable consider a full and exclusive right to the said is untries (including the right to claim pational Treaties and Arrangements fry and all Letters Patent which may any and all foreign countries and ewals thereof.	ation, I, by these presents do nvention in the United States riority under the terms of the om the aforesaid application) be granted therefor in the U	o sell, assign and transfer unto s and its territorial possessions e International Convention and) and the entire right, title and Inited States and its territorial
any and all foreign of assignee of my entire (his) successors and	e and request the Patent Office Office countries to issue any and all of said e right, title and interest in and to the assigns, to the full end of the term if would have been held by me had this	d Letters Patent, when grante e same, for the sole use and b for which said Letters Patent	ed, to said ASSIGNEE as the behoof of said ASSIGNEE, its may be granted, as fully and
respecting said inve- continuation, substitu all of said Letters Pa possible to aid said A	hat I will communicate to said ASSI ention, and testify in any legal proute, renewal and reissue applications, atent to be issued to said ASSIGNEA ASSIGNEE, its (his) successors and ed States and its territorial possession	oceeding, sign all lawful pe execute all necessary assign EE, make all rightful oaths, assigns, to obtain and enfor	apers, execute all divisional, ament papers to cause any and and, generally do everything ree proper protection for said
	edge that any willful false statement n ent of not more than five (5) years, or		nishable under 18 U.S.C. 1001
LEGAL NAME OF I	NVENTOR		
Inventor: Manabu S	SEO	Date; Jan.	. 13, 2017
Signature: <i>May</i>	rabu Seo		

OBLON, McCLELLAND, MAIER & NEUSTADT, L.L.P. ATTORNEYS AT LAW 1940 DUKE STREET

ALEXANDRIA, VIRGINIA 22314

Title of LIQUID DROPLET FORMING APPARATUS Invention
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 15/335,040 filed on October 26, 2016
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, 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 hereby acknowledged, and for other good and valuable consideration, I, by these presents do sell, assign and transfer unturnal assign and transfer unturnal assign 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 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: Satoshi NAKAZAWA Date: Jan. 13, 2017
Signature: Satothi NAKAZAWA

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LEGAL NAME OF INVENTOR
Inventor: Yuzuru KURAMOCHI Date: Jan. 13, 2017
Signature: guzuru Kuramuchi

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LEGAL NAME OF INVENTOR
nventor: Daisuke TAKAGI Date: Jan. 13, 2017
Signature: Paisake Takagi

OBLON, McCLELLAND, MAIER & NEUSTADT, L.L.P.

ATTORNEYS AT LAW 1940 DUKE STREET ALEXANDRIA, VIRGINIA 22314

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LEGAL NAME OF INVENTOR
Inventor: Takahiko MATSUMOTO Date: Jan. 13, 2017
Signature: Takahiko Matsumoto

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1940 DUKE STREET
ALEXANDRIA, VIRGINIA 22314

PATENT REEL: 041204 FRAME: 0813

RECORDED: 02/08/2017