504792370 02/26/2018

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT4839102

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
TETSUYOSHI NAKATA	02/16/2018
YASUNARI HARADA	02/16/2018
JUN WATANABE	02/16/2018
HIDEAKI IIJIMA	02/16/2018
TOSHIAKI HOSOKAWA	02/16/2018
SHUNSUKE SHITAOKA	02/12/2018

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:	15904475

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: mashshakur@oblon.com

Correspondent Name: OBLON, ET AL.

Address Line 1: 1940 DUKE STREET

Address Line 4: ALEXANDRIA, VIRGINIA 22314

ATTORNEY DOCKET NUMBER:	511457US
NAME OF SUBMITTER:	MALIKA ASH SHAKUR
SIGNATURE:	/Malika Ash Shakur/
DATE SIGNED:	02/26/2018

PATENT 504792370 REEL: 045439 FRAME: 0389

Total Attachments: 6

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Title of

Title of Invention	LIQUID DROPLET DISCHARGING APPARATUS, LIQUID DROPLET
HINGHINE	DISCHARGING METHOD, AND NON-TRANSITORY COMPUTER
	READABLE MEDIUM
As the below named i	nventor, I hereby declare that:
This declaration 🛛	The attached application, or
is directed to:	United States application or PCT international application number
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The above-identified a	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.
	Company, Ltd.
143-8555, Japan, is d	o as "ASSIGNEE") having places of business at: 3-6, Nakamagome 1-chome, Ohta-ku, Tokyo estrous of acquiring the entire right, title and interest in and to said invention and in and to any be granted therefore in the United States and its territorial possessions and in any and all foreign
acknowledged, and for ASSIGNEE, the full a all foreign countries (i relevant International in and to any and all I	RE, in consideration of the sun of FIVE DOLLARS (\$5.00), the receipt whereof is hereby other good and valuable consideration, I, by these presents do sell, assign and transfer unto said and exclusive right to the said invention in the United States and its territorial possessions and in including the right to claim priority under the terms of the International Convention and other Ireaties and Arrangements from the aforesaid application) and the entire right, title and interest exters Patent which may be granted therefor in the United States and its territorial possessions reign countries and in and to any and all divisions, reissues, continuations, substitutions and
and all foreign countri of my entire right, titl successors and assigns	and request the Patent Office Officials in the United States and its territorial possessions and any es to issue any and all of said Letters Patent, when granted, to said ASSIGNEE as the assignee le and interest in and to the same, for the sole use and behoof of said ASSIGNEE, its (his), to the full end of the term for which said Letters Patent may be granted, as fully and entirely as seen 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 acknowled by fine or imprisonmen	lge that any willful false statement made in this declaration is punishable under 18 U.S.C. 1001 at of not more than five (5) years, or both.
LEGAL NAME OF IN	
	OSHI NAKATA Date: February 16 2018
Signature: Telacty	chi Nepata

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

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LEGAL NAME OF IN		
Inventor: YASUNA	ARI HARADA Date: Felamany 1/8 248	
Signature: 4	runni 14 ornela	

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

ATTORNEYS AT LAW 1940 DUKE STREET ALEXANDRIA, VIRGINIA 22314

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LEGAL NAME OF IN	Α.
	TANABE Date: Jebrary 1/20/32
Signature: Jun	Watanale

OBLON, McCLELLAND, MAIER & NEUSTADT, L.L.P.
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1940 DUKE STREET
ALEXANDRIA, VIRGINIA 22314

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	OBIO: Extract / 6, 2018 Date:

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ALEXANDRIA, VIRGINIA 22314

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LEGAL NAME OF II	NVENTOR 78
Inventor: TOSHI	AKI HOSOKAWA Date: February, 11, 2018
Signature: Tothi	ahi Hosokawa

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

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LEGAL NAME OF IT	A 4 4 2 4 5 6 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7	
Inventor: SHUNS	UKE SHITAOKA Date: Felswary 12,2018	
Signature: Mu	induke Shitaoka	

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

ATTORNEYS AT LAW 1940 DUKE STREET ALEXANDRIA, VIRGINIA 22314

> PATENT REEL: 045439 FRAME: 0396

RECORDED: 02/26/2018