### 503501159 09/29/2015

## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT3547784

SUBMISSION TYPE:	CORRECTIVE ASSIGNMENT
	Corrective Assignment to correct the TO CORRECT THE 2ND AND 4TH ASSIGNOR'S NAMES previously recorded on Reel 034967 Frame 0541. Assignor(s) hereby confirms the ASSIGNOR'S NAMES.

### **CONVEYING PARTY DATA**

Name	Execution Date
GENICHIRO KAWAMICHI	01/21/2015
SHIGERU MORINAGA	01/21/2015
HIDEHARU MIKI	01/21/2015
HIROSHI ANDO	01/21/2015
KAHEI NAKAMURA	01/21/2015
KAZUHIRO AKATSU	01/21/2015
HIROTAKA KOBAYASHI	01/21/2015

#### **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:	14620005

#### CORRESPONDENCE DATA

**Fax Number:** (303)786-7691

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:** 3037867687

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Correspondent Name: DUFT BORNSEN & FETTIG LLP

Address Line 1: 1526 SPRUCE STREET

Address Line 2: SUITE 302

Address Line 4: BOULDER, COLORADO 80302

ATTORNEY DOCKET NUMBER:	FN201408358
NAME OF SUBMITTER:	BRETT BORNSEN

PATENT 503501159 REEL: 036713 FRAME: 0859

SIGNATURE:	/Brett Bornsen/
DATE SIGNED:	09/29/2015
Total Attachments: 6	
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Assignment Page 1 of 2

## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

#### **CONVEYING PARTY DATA**

Name	Execution Date
GENICHIRO KAWAMICHI	01/21/2015
SUGURU MORINAGA	01/21/2015
HIDEHARU MIKI	01/21/2015
HIROSHI ANDOH	01/21/2015
KAHEI NAKAMURA	01/21/2015
KAZUHIRO AKATSU	01/21/2015
HIROTAKA KOBAYASHI	01/21/2015
KEIICHI WATANABE	01/21/2015

### **RECEIVING PARTY DATA**

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

#### PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	14620005

## **CORRESPONDENCE DATA**

 Fax Number:
 (303)786-7691

 Phone:
 303-786-7687

 Email:
 docketing@dbflaw.com

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.

Assignment Page 2 of 2

Correspondent Name: DUFT BORNSEN & FETTIG, LLP

Address Line 1: 1526 SPRUCE STREET

Address Line 2: SUITE 302

Address Line 4: BOULDER, COLORADO 80302

ATTORNEY DOCKET NUMBER:	FN201408358
NAME OF SUBMITTER:	BRETT BORNSEN
Signature:	/Brett Bornsen/

Date: 02/16/2015

Total Attachments: 4

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RECEIPT INFORMATION

**EPAS ID**: PAT3227911 **Receipt Date**: 02/16/2015

## ASSIGNMENT

Docket No. Page 1 of 4

WHEREAS, I/we Genichiro KAWAMICHI of Ibaraki, Japan; Shigeru MORINAGA of Kanagawa, Japan; Hideharu MIKI of Ibaraki, Japan; Hiroshi ANDO of Ibaraki, Japan; Kahei NAKAMURA of Tokyo, Japan; Kazuhiro AKATSU of Ibaraki, Japan; Hirotaka KOBAYASHI of Ibaraki, Japan; Keiichi WATANABE of Ibaraki, Japan

have invented certain improvements in

LIQUID DROPLET DETECTING DEVICE, INKJET RECORDING DEVICE INCORPORATING SAME, AND LIQUID DROPLET DETECTION METHOD

and have executed a United States patent application therefore;

AND WHEREAS, RICOH COMPANY, LTD., a corporation organized under the laws of Japan, having an address at 3-6, Nakamagome 1-chome, Ohta-ku, Tokyo 143-8555, Japan, is desirous of acquiring the entire right, title and interest in the said application including any continuations, continuations-in-part, divisions, reissues, re-examinations or extensions thereof, and in and to any and all patents of the United States and foreign countries which may be issued for said invention;

NOW THEREFORE, for good and valuable consideration, receipt for and sufficiency of which is hereby acknowledged, I, an above named inventor, hereby sell, assign, transfer, and set over unto RICOH COMPANY, LTD., its legal representatives, successors and assigns, the entire right, title and interest in and to said invention as set forth in the above-mentioned application, including any continuations, continuations-in-part, divisions, reissues, re-examinations or extensions thereof, and in and to any and all patents of the United States and foreign countries which may be issued for said invention;

UPON SAID CONSIDERATIONS, I hereby agree with RICOH COMPANY, LTD. that I will not execute and writing or do any act whatsoever conflicting with these presents, and that I will, at any time upon request, without further or additional consideration but at the expense of said RICOH COMPANY, LTD., execute such additional assignments and other writings and do such additional acts as said RICOH COMPANY, LTD. may deem necessary or desirable to perfect RICOH COMPANY, LTD. enjoyment of this grant, and render all necessary assistance in making application for and obtaining original, divisional, continuation, continuations—in—part, re—examination, reissued, or extended Letter Patent of the United States or any and all foreign countries on said invention, and in enforcing any rights or choses in action accruing as a result of such applications or patents, and by executing preliminary statements and other affidavits, it being understood that the foregoing covenant and agreement shall bind, and inure to the benefit of the assigns and legal representative of assignor and RICOH COMPANY, LTD.;

AND I request the Commissioner of Patents and Trademarks to issue any Letter Patent of the United States which may be issued for said invention to RICOH COMPANY, LTD., its legal representatives, successors or assigns, as the sole owners of the entire right, title and interest in and to said patent and the invention covered thereby.

# Docket No. «Case\_\_ClientCaseNumber» Page 2 of4

Sign		.1	
(1)	Henichiro Kaw		SIGNATURE
on	<u>January 21</u> , 2015,	Genichiro KAWAMICHI	INVENTOR
(2)			SIGNATURE
on	, 2015,	Shigeru MORINAGA	INVENTOR
(3)			SIGNATURE
on		Hideharu MIKI	INVENTOR
(4)	Hiroshi ando	-	SIGNATURE
on	<u>January 21</u> , 2015,	Hiroshi ANDO	INVENTOR
(5)			SIGNATURE
on	, 2015,	Kahei NAKAMURA	INVENTOR
(6)	Kazuhiro Ad	Ratsu	SIGNATURE
on	January 21 , 2015,	Kazuhiro AKATSU	INVENTOR
(7)		avash;	SIGNATURE
on,	January 27 , 2015,	Hirotaka KOBAYASHI	INVENTOR
(8)	Kojichi W	stanafe	signature
on	January 21 <sup>1</sup> , 2015,	Keiichi WATANABE	INVENTOR

## Docket No, «Case\_ClientCaseNumber» Page 3 of 4

Sigr	neđ			
(1)				SIGNATURE
on		, 2015,	Genichiro KAWAMICHI	INVENTOR
(2)	T	Shigeru	Werinaga Shigeru MORINAGA	SIGNATURE
ΟD	Dailuary 21	, 2015,	Shigeru MORINAGA	INVENTOR
(3)	~ ·			SIGNATURE
O.D.	,	, 2015,	Hideharu MIKI	INVENTOR
(4):				signature
on	· · · · · · · · · · · · · · · · · · ·	, 2015,	Hiroshi ANDO	INVENTOR
(5)		Kolei	Nokemura	SIGNATURE
on	January 21	, 2015,	Kahei NAKAMURA	INVENTOR
(6)				SIGNATURE
on	· ·	, 2015,	Kazuhiro AKATSU	INVENTOR
(7)·	***************************************			SIGNATURE
	***************************************		Hirotaka KOBAYASHI	INVENTOR
(8)				SIGNATURE
on		, 2015,	Keiichi WATANABE	INVENTOR

# Docket No. «Case\_ClientCaseNumber» Page 4 of4

Sign	ned			
(1)				SIGNATURE
on		, 2015,	Genichiro KAWAMICHI	INVENTOR
(2)				SIGNATURE
on		, 2015,	Shigeru MORINAGA	INVENTOR
(3)			Hideharu Miki	SIGNATURE
on	January 21	, 2015,	Hideharu MIKI	INVENTOR
(4)				SIGNATURE
on		, 2015,	Hiroshi ANDO	INVENTOR
(5)				SIGNATURE
on		, 2015,	Kahei NAKAMURA	INVENTOR
(6)			· 	SIGNATURE
on		, 2015,	Kazuhiro AKATSU	INVENTOR
(7)				SIGNATURE
on		, 2015,	Hirotaka KOBAYASHI	INVENTOR
(8)				SIGNATURE
on		, 2015,	Keiichi WATANABE	INVENTOR

PATENT REEL: 036713 FRAME: 0866

**RECORDED: 09/29/2015**