505683956 09/20/2019

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 **EPAS ID: PAT5730766**

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
NOBUYUKI SATOH	09/07/2019
KENTARO UEHARA	09/09/2019

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:	16578074	

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.

Email: mail@db-iplaw.com **DUFT & BORNSEN, PC** Correspondent Name: Address Line 1: 1319 W BASELINE RD

Address Line 2: SUITE 100A

Address Line 4: LAFAYETTE, COLORADO 80026

ATTORNEY DOCKET NUMBER:	FN201902614
NAME OF SUBMITTER:	BRETT BORNSEN
SIGNATURE:	/BRETT BORNSEN/
DATE SIGNED:	09/20/2019

Total Attachments: 3

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PATENT REEL: 050449 FRAME: 0251 505683956

ASSIGNMENT

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WHEREAS, I/we NOBUYUKI SATOH of KANAGAWA, JAPAN; KENTARO UEHARA of 2-7-1, Izumi, Ebina-shi, Kanagawa, 243-0460, Japan;

have invented certain improvements in

LIQUID DISCHARGE APPARATUS, LIQUID DISCHARGE METHOD, AND RECORDING MEDIUM

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.;

PATENT REEL: 050449 FRAME: 0252 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 RICOR 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.

On September 7, 2019 NOBUYUKI SAYOH INVENTOR

SIGNATURE

SIGNATURE

SIGNATURE

Signed

PATENT REEL: 050449 FRAME: 0253

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.

_			SIGNATURE
on	, NOBUYUKI SATOH		INVENTOR
	KENTARO UEHARA	/	SIGNATURE
on	September 9, 2019 , KENTARO UEHARA		INVENTOR

PATENT REEL: 050449 FRAME: 0254

RECORDED: 09/20/2019

Signed