504808602 03/07/2018

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT4855335

| SUBMISSION TYPE: | NEW ASSIGNMENT |
|-----------------------|----------------|
| NATURE OF CONVEYANCE: | ASSIGNMENT |

CONVEYING PARTY DATA

| Name | Execution Date |
|-------------------|----------------|
| HIROSHI NISHIMURA | 03/02/2018 |

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: | 15913778 |

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@dbflaw.com

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: | 7-012_FN201800701 | |
|-------------------------|-------------------|--|
| NAME OF SUBMITTER: | BRETT BORNSEN | |
| SIGNATURE: | /BRETT BORNSEN/ | |
| DATE SIGNED: | 03/07/2018 | |

Total Attachments: 2

source=RPS-0011-ASSIGNMENT#page1.tif source=RPS-0011-ASSIGNMENT#page2.tif

PATENT 504808602 REEL: 045134 FRAME: 0032

ASSIGNMENT

WHEREAS, I/we Hiroshi Nishimura of West Hills, CA;

have invented certain improvements in

"SUPPLY MANIFOLD IN A PRINTHEAD"

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: 045134 FRAME: 0033 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.

Signed

Hiroshi Nishimura

SIGNATURE

INVENTOR

PATENT REEL: 045134 FRAME: 0034

RECORDED: 03/07/2018