505817178 12/12/2019

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:		NEW ASSIGNMENT		
NATURE OF CONVEYANCE:		ASSIGNMENT		
CONVEYING PARTY D	ΟΑΤΑ			
		Name	Execution Date	
SCOTT R. JOHNSON			12/12/2019	
WILLIAM EDWARD MANCHESTER			12/12/2019	
CONSTANTINO J. TADIELLO			12/12/2019	
NATHAN YOUNG			12/11/2019	
RECEIVING PARTY D	ΑΤΑ			
Name:	RICOH	COMPANY, LTD.		
Street Address:	3-6, NA	KAMAGOME 1-CHOME, OHTA-KU		
City:	ΤΟΚΥΟ)		
State/Country:	JAPAN			
Postal Code:	143-85	143-8555		
Property Type	•	Number		
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> PATENT REEL: 051263 FRAME: 0074

ASSIGNMENT

WHEREAS, I/we Scott R. Johnson of Erie, CO, William Edward Manchester of Erie, CO, Constantino J. Tadiello of Fort Collins, CO and Nathan Young of Boulder, CO have invented certain improvements in

ADAPTIVE PRINTHEAD CLEANING

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: 051263 FRAME: 0075

Signed

/Scott R. Johnson/		SIGNATURE
on December 12 , 2019 ,	Scott R. Johnson	INVENTOR
		SIGNATURE
on, 2019,	William Edward Manchester	INVENTOR
		SIGNATURE
on, 2019,	Constantino J. Tadiello	INVENTOR
		SIGNATURE
on, 2019,	Nathan Young	INVENTOR

Signed

on	, 2019,	Scott R. Johnson	SIGNATURE INVENTOR
On <u>12/12</u>		Edward Manchester/ William Edward Manchester	SIGNATURE INVENTOR
on	, 2019,	Constantino J. Tadiello	SIGNATURE INVENTOR
on	, 2019,	Nathan Young	SIGNATURE INVENTOR

Signed

			SIGNATURE
on	_, 2019,	Scott R. Johnson	INVENTOR
	2010	William Edward Manchester	SIGNATURE INVENTOR
on	, 2019,	WIIIIam Edward Manchester	INVENIOR
/Constantin	o Tadiello/	,	SIGNATURE
On 12/12		Constantino J. Tadiello	INVENTOR
			SIGNATURE
on	_, 2019,	Nathan Young	INVENTOR

Signed

			SIGNATURE
on	, 2019,	Scott R. Johnson	INVENTOR
			SIGNATURE
on	, 2019,	William Edward Manchester	INVENTOR
			SIGNATURE
on	, 2019,	Constantino J. Tadiello	INVENTOR
Na		2	
		Marthana Marana	SIGNATURE
on <u><i>Dec.II</i></u>	, 2019,	Nathan Young	INVENTOR

RECORDED: 12/12/2019