505818953 12/12/2019

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
NIKITA GURUDATH	12/12/2019
SCOTT R. JOHNSON	12/12/2019
NATHAN YOUNG	12/12/2019
ZILING ZHANG	12/12/2019

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:	16712985

CORRESPONDENCE DATA

Fax Number:

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:docketing@db-iplaw.comCorrespondent Name:DUFT & BORNSEN, PCAddress Line 1:1319 W BASELINE RD

Address Line 2: SUITE 100A

Address Line 4: LAFAYETTE, COLORADO 80026

ATTORNEY DOCKET NUMBER:	1064US01_FN201903978
NAME OF SUBMITTER:	DREW SMITH
SIGNATURE:	/Drew Smith/
DATE SIGNED:	12/12/2019

Total Attachments: 5

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PATENT 505818953 REEL: 051270 FRAME: 0895

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ASSIGNMENT

WHEREAS, I/we Nikita Gurudath of Boulder, CO, Scott R. Johnson of Erie, CO, Nathan Young of Boulder, CO and Ziling Zhang of Boulder, CO have invented certain improvements in

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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.

Signed

		/Nikita Gurudath/	SIGNATURE
on INVENTOR	Dec 12th		Nikita Gurudath
on	, 2019,	Scott R. Johnson	SIGNATURE INVENTOR
on	, 2019,	Nathan Young	SIGNATURE INVENTOR
on	, 2019,	Ziling Zhang	SIGNATURE INVENTOR

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

		SIGNATURE
on, 20	19 , Nikita Gurudath	INVENTOR
/Scott R Jo	hnson/	SIGNATURE
on December 12, 20	19, Scott R. Johnson	INVENTOR
		SIGNATURE
on, 20	19, Nathan Young	INVENTOR
		CT CNA TUDE
on, 20	19, Ziling Zhang	SIGNATURE INVENTOR

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.

S	i	q	n	е	d

		SIGNATURE
on, 2019), Nikita Gurudath	INVENTOR
on, 2019	, Scott R. Johnson	SIGNATURE
on 12/12, 2019	, Nathan Young	SIGNATURE INVENTOR
on, 2019), Ziling Zhang	SIGNATURE INVENTOR

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			SIGNATURE
OR	, 2019,	Nikita Gurudath	INVENTOR
			signature
on	, 2019,	Scott R. Johnson	INVENTOR
			SIGNATURE
ÓÐ	, 2019,	Nathan Young	INVENTOR
~ «	Ziling Zha	n ng Ziling Zhang	signature
on 12/1	2019,	Ziling Zhang	INVENTOR

PATENT REEL: 051270 FRAME: 0901

RECORDED: 12/12/2019