03/16/2017 504274972

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT4321654

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
DAISUKE TOMITA	03/13/2017
TAKESHI SHINTANI	03/13/2017
HIROSHI MIZUSAWA	03/13/2017
YASUHIRO MAEHATA	03/13/2017
YASUHITO KUBOSHIMA	03/05/2017
YUTA AZEYANAGI	03/13/2017

RECEIVING PARTY DATA

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

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	15460531

CORRESPONDENCE DATA

Fax Number: (703)413-2220

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: (703) 413-3000 TShelton@oblon.com Email: **Correspondent Name:** OBLON, ET AL.

Address Line 1: 1940 DUKE STREET

Address Line 4: ALEXANDRIA, VIRGINIA 22314

ATTORNEY DOCKET NUMBER:	501981US
NAME OF SUBMITTER:	TIFFANY SHELTON
SIGNATURE:	/Tiffany Shelton/
DATE SIGNED:	03/16/2017
	This document serves as an Oath/Declaration (37 CFR 1.63).

PATENT REEL: 042024 FRAME: 0863

504274972

Total Attachments: 6 source=Assignment#page1.tif source=Assignment#page2.tif source=Assignment#page3.tif source=Assignment#page4.tif source=Assignment#page5.tif source=Assignment#page6.tif

Title of Invention	CLEANING DEVICE, AND IMAGE FORMING APPARATUS AND
mrennoa	PROCESS UNIT INCORPORATING SAME
As the below named	nventor, I hereby declare that:
This declaration 🛛	The attached application, or
is directed to:	United States application or PCT international application number
	filed on ,
The above-identified	application was made or authorized to be made by me.
I believe that I am the	original inventor or an original joint inventor of a claimed invention in the application.
WHEREAS, Ricol	a Company, Ltd.
143-8555, Japan, is o	o as "ASSIGNEE") having places of business at: 3-6, Nakamagome 1-chome, Ohta-ku, Tokyo lesirous of acquiring the entire right, title and interest in and to said invention and in and to any be granted therefore in the United States and its territorial possessions and in any and all foreign
acknowledged, and fo ASSIGNEE, the full a all foreign countries (relevant International in and to any and all	IRE, in consideration of the sun of FIVE DOLLARS (\$5.00), the receipt whereof is hereby rother good and valuable consideration, I, by these presents do sell, assign and transfer unto said and exclusive right to the said invention in the United States and its territorial possessions and in including the right to claim priority under the terms of the International Convention and other Treaties and Arrangements from the aforesaid application) and the entire right, title and interest Letters Patent which may be granted therefor in the United States and its territorial possessions reign countries and in and to any and all divisions, reissues, continuations, substitutions and
and all foreign countr of my entire right, tit successors and assigns	and request the Patent Office Officials in the United States and its territorial possessions and any less to issue any and all of said Letters Patent, when granted, to said ASSIGNEE as the assignee le and interest in and to the same, for the sole use and behoof of said ASSIGNEE, its (his) is, to the full end of the term for which said Letters Patent may be granted, as fully and entirely as seen held by me had this Assignment and sale not been made.
respecting said inventi substitute, renewal and Patent to be issued to ASSIGNEE, its (bis):	at I will communicate to said ASSIGNEE or its (his) representatives any facts known to me on, and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuation, I reissue applications, execute all necessary assignment papers to cause any and all of said Letters said ASSIGNEE, make all rightful oaths, and, generally do everything possible to aid said successors and assigns, to obtain and enforce proper protection for said invention in the United I possessions and in any and all foreign countries.
	dge that any willful false statement made in this declaration is punishable under 18 U.S.C. 1001 at of not more than five (5) years, or both.
LEGAL NAME OF IN	· · · · · · · · · · · · · · · · · · ·
Inventor: DAISUE	E TOMITA Date: March 13.2019
Signature: Dave	uke Fomite

OBLON, McCLELLAND, MAIER & NEUSTADT, L.L.P.

ATTORNEYS AT LAW 1940 DUKE STREET ALEXANDRIA, VIRGINIA 22314

Title of	CLEANING DEVICE, AND IMAGE FORMING APPARATUS AND
Invention	PROCESS UNIT INCORPORATING SAME
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LEGAL NAME OF IN	IVENTOR
Inventor: TAKESI	11 SHINTANI Date: Merch 13. 2017
Signature: Oan	leshi Thintani

OBLON, McCLELLAND, MAIER & NEUSTADT, L.L.P.

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LEGAL NAME OF IN	EVENTOR CALL DE LET
	MIMIZUSAWA Date: March 13.2017
Signature: Z	Shi Mignoeme

OBLON, McCLELLAND, MAIER & NEUSTADT, L.L.P.

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LEGAL NAME OF IN	EVENTOR A C
	IRO MAEHATA Date: March 13, 2017
Signature: <u>/</u> ///	uhiro Machata

OBLON, McCLELLAND, MAIER & NEUSTADT, L.L.P.

ATTORNEYS AT LAW 1940 DUKE STREET ALEXANDRIA, VIRGINIA 22314

Invention	CLEANING DEVICE, AND IMAGE FORMING APPARATUS AND
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The above-identified	application was made or authorized to be made by me.
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LEGAL NAME OF I	NVENTOR:
Inventor: YASUH	ITO KUBOSHIMA Date: March 5, 2017
Signature: Yasu	hita Kuboshima

OBLON, McCLELLAND, MAIER & NEUSTADT, L.L.P.
ATTORNEYS AT LAW
1940 DUKE STREET
ALEXANDRIA, VIRGINIA 22314

Invention CLEANING DEVICE, AND IMAGE FORMING APPARATUS AND PROCESS UNIT INCORPORATING SAME
As the below named inventor, I hereby declare that:
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filed on
The above-identified application was made or authorized to be made by me.
I believe that I am the original inventor or an original joint inventor of a claimed invention in the application.
WHEREAS, Ricoh Company, Ltd.
(hereinafter referred to as "ASSIGNEE") having places of business at: 3-6. Nakamagome 1-chome, Obta-ku. Tokyo 143-8555. Japan, is desirous of acquiring the entire right, title and interest in and to said invention and in and to any Letters Patent that may be granted therefore in the United States and its territorial possessions and in any and all foreign countries;
NOW, THEREFORE, in consideration of the sun of FIVE DOLLARS (\$5.00), the receipt whereof is hereby acknowledged, and for other good and valuable consideration, I, by these presents do sell, assign and transfer unto said ASSIGNEE, the full and exclusive right to the said invention in the United States and its territorial possessions and in all foreign countries (including the right to claim priority under the terms of the International Convention and other relevant International Treaties and Arrangements from the aforesaid application) and the entire right, title and interest in and to any and all Letters Patent which may be granted therefor in the United States and its territorial possessions and in any and all foreign countries and in and to any and all divisions, reissues, continuations, substitutions and renewals thereof.
I hereby authorize and request the Patent Office Officials in the United States and its territorial possessions and any and all foreign countries to issue any and all of said Letters Patent, when granted, to said ASSIGNEE as the assignee of my entire right, title and interest in and to the same, for the sole use and behoof of said ASSIGNEE, its (his) successors and assigns, to the full end of the term for which said Letters Patent may be granted, as fully and entirely as the same would have been held by me had this Assignment and sale not been made. Further, I agree that I will communicate to said ASSIGNEE or its (his) representatives any facts known to me
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I hereby acknowledge that any willful false statement made in this declaration is punishable under 18 U.S.C. 1001 by fine or imprisonment of not more than five (5) years, or both.
LEGAL NAME OF INVENTOR
Inventor: YUTA AZEYANAGI Date: Manch . 13 . 2017
Signature: Yuta Azeyanagî

OBLON, McCLELLAND, MAIER & NEUSTADT, L.L.P. ATTORNEYS AT LAW

1940 DUKE STREET ALEXANDRIA, VIRGINIA 22314

> PATENT REEL: 042024 FRAME: 0870

RECORDED: 03/16/2017