PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
Stylesheet Version v1.2

SUBMISSION TYPE:

CORRECTIVE ASSIGNMENT

Corrective Assignment to correct the ATTORNEY DOCKET NUMBER previously recorded on Reel 050879 Frame 0952. Assignor(s) hereby confirms the ASSIGNMENT.

CONVEYING PARTY DATA

Name	Execution Date
KAZUOMI SAKATANI	10/15/2019

RECEIVING PARTY DATA

Name:	KONICA MINOLTA, INC.
Street Address:	2-7-2 MARUNOUCHI
Internal Address:	CHIYODA-KU
City:	TOKYO
State/Country:	JAPAN
Postal Code:	100-7015

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	16667085

CORRESPONDENCE DATA

Fax Number: (703)836-2021

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: 703-299-6874

Email: marie.lucier@bipc.com

Correspondent Name: BUCHANAN INGERSOLL & ROONEY PC

Address Line 1: 1737 KING STREET

Address Line 2: SUITE 500

Address Line 4: ALEXANDRIA, VIRGINIA 22314-2727

ATTORNEY DOCKET NUMBER:	0084749-000318
NAME OF SUBMITTER:	MARIE J. LUCIER
SIGNATURE:	/MJLUCIER/
DATE SIGNED:	11/01/2019
	This document serves as an Oath/Declaration (37 CFR 1.63).

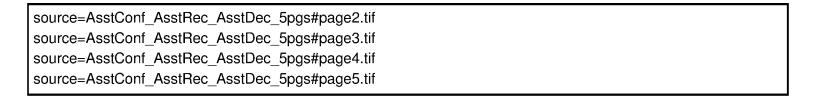
Total Attachments: 5

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PATENT REEL: 050908 FRAME: 0413

EPAS ID: PAT5800451

505753637



PATENT REEL: 050908 FRAME: 0414 11/1/2019 Assignment

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
 KAZUOMI SAKATANI	10/15/2019

RECEIVING PARTY DATA

Name:	KONICA MINOLTA, INC.
Street Address:	2-7-2 MARUNOUCHI
Internal Address:	CHIYODA-KU
City:	ТОКУО
State/Country:	JAPAN
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PROPERTY NUMBERS Total: 1

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Application Number:	16667085	

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that is unsuccessful, it will be sent via US Mail.

Correspondent Name:

BUCHANAN INGERSOLL & ROONEY PC

Address Line 1:

1737 KING STREET

Address Line 2:

SUITE 500

Address Line 4:

ALEXANDRIA, VIRGINIA 22314-2727

ATTORNEY DOCKET NUMBER:	0084749-0003018
NAME OF SUBMITTER:	MARIE J. LUCIER
Signature:	/MJLUCIER/
Date:	10/31/2019
	This document serves as an Oath/Declaration (37 CFR 1.63).

REEL: 050908 FRAME: 0415

Total Attachments: 2

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RECEIPT INFORMATION

EPAS ID:

PAT5798031

Receipt Date:

10/31/2019

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UNITED STATES PATENT AND TRADEMARK OFFICE

UNDER SECRETARY OF COMMERCE FOR INTELLECTUAL PROPERTY AND DIRECTOR OF THE UNITED STATES PATENT AND TRADEMARK OFFICE

NOVEMBER 1, 2019

PTAS

BUCHANAN INGERSOLL & ROONEY PC 1737 KING STREET SUITE 500 ALEXANDRIA, VA 22314-2727 505751218

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RECORDATION DATE: 10/31/2019

REEL/FRAME: 050879/0952

NUMBER OF PAGES: 3

BRIEF: ASSIGNMENT OF ASSIGNORS INTEREST (SEE DOCUMENT FOR DETAILS).

DOCKET NUMBER:

0084749-0003018

ASSIGNOR:

SAKATANI, KAZUOMI

DOC DATE: 10/15/2019

ASSIGNEE:

PATENT NUMBER:

KONICA MINOLTA, INC. 2-7-2 MARUNOUCHI CHIYODA-KU TOKYO, JAPAN 100-7015

APPLICATION NUMBER: 16667085

FILING DATE:

ISSUE DATE:

TITLE: INSPECTION APPARATUS AND METHOD OF INSPECTION

ASSIGNMENT RECORDATION BRANCH PUBLIC RECORDS DIVISION

REEL: 050908 FRAME: 0417

Buchanan Ing	ersoll & Rooney PC
Attorney Docket No.	

Client's ref No.:B48869US01

COMBINED DECLARATION AND ASSIGNMENT (JOINT)

As one of the below r	named	I inventors, I hereby declare that this Declaration is directed to:
(1)		U.S. application number or PCT application number filed on, entitled or
(2)		the attached application entitled INSPECTION .

DECLARATION

As one of the below named inventors, I further declare that:

The above-identified application was made or authorized to be made by me.

I believe that I am an original joint inventor of a claimed invention in the application.

I have reviewed and understand the contents of the above-identified application, including the claims.

I acknowledge the duty to disclose to the U.S. Patent and Trademark Office all information known to me to be material to patentability as defined in Title 37, Code of Federal Regulations, § 1.56.

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.

ASSIGNMENT

THIS ASSIGNMENT, by the undersigned inventors (hereinafter referred to as "the Assignors"), respectively, witnesseth:

WHEREAS, the Assignors have invented certain new and useful improvements set forth in the application for Letters Patent of the United States identified above;

WHEREAS, KONICA MINOLTA, INC., a corporation duly organized under and pursuant to the laws of <u>Japan</u> and having a principal place of business at <u>2-7-2</u>, <u>Marunouchi</u>, <u>Chiyoda-ku</u>, <u>Tokyo</u>, <u>JAPAN</u> <u>100-7015</u> (hereinafter referred to as "the Assignee"), is desirous of acquiring the entire right, title, and interest in and to said inventions, the right to file applications on said inventions and the entire right, title and interest in and to any applications, including provisional applications for Letters Patent of the United States or other countries claiming priority to said application, and in and to any Letters Patent or Patents, United States or foreign, to be obtained therefor and thereon.

NOW, THEREFORE, for good and sufficient consideration, the receipt of which is hereby acknowledged, the Assignors have sold, assigned, transferred, and set over, and by these presents does sell, assign, transfer, and set over, unto the Assignee, its successors, legal representatives, and assigns the entire right, title, and

PATENT REEL: 050908 FRAME: 0418

Attorney Docket No.			
,	Application	No.	Unassigned

interest in and to the above-mentioned inventions, the right to file applications on said inventions and the entire right, title and interest in and to any applications for Letters Patent of the United States or other countries claiming priority to said applications, and any and all Letters Patent or Patents of the United States of America and all foreign countries that may be granted therefor and thereon, and in and to any and all applications claiming priority to said applications, divisions, continuations, and continuations-in-part of said applications, and reissues and extensions of said Letters Patent or Patents, and all rights under the International Convention for the Protection of Industrial Property, the same to be held and enjoyed by the Assignee, for its own use and behoof and the use and behoof of its successors, legal representatives, and assigns, to the full end of the term or terms for which Letters Patent or Patents may be granted as fully and entirely as the same would have been held and enjoyed by the Assignors had this sale and assignment not been made;

AND for the same consideration, the Assignors hereby covenant and agree to and with the Assignee, its successors, legal representatives, and assigns, that, at the time of execution and delivery of these presents, the Assignors are the sole and lawful owners of the entire right, title, and interest in and to the inventions set forth in said applications and said applications, including provisional applications, above-mentioned, and that the same are unencumbered, and that the Assignors have good and full right and lawful authority to sell and convey the same in the manner herein set forth;

AND for the same consideration, the Assignors hereby covenant and agree to and with the Assignee, its successors, legal representatives, and assigns that the Assignors will, whenever counsel of the Assignee, or the counsel of its successors, legal representatives, and assigns, shall advise that any proceeding in connection with said inventions or said applications for Letters Patent or Patents, or any proceeding in connection with Letters Patent or Patents for said inventions in any country, including interference proceedings, is lawful and desirable, or that any application claiming priority to said application, division, continuation, or continuation-in-part of any applications for Letters Patent or Patents, or any reissue or extension of any Letters Patent or Patents to be obtained thereon, is lawful and desirable, sign all papers and documents, take all lawful oaths, and do all acts necessary or required to be done for the procurement, maintenance, enforcement, and defense of Letters Patent or Patents for said inventions, without charge to the Assignee, its successors, legal representatives, and assigns, but at the cost and expense of the Assignee, its successors, legal representatives, and assigns;

October 15.2019	KAZUOMI SAKATANI	Kazumi Sakatani Signature
Date	Name	Signature

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