506648802 05/06/2021

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT6695613

SUBMISSION TYPE:		NEW ASSIGNMENT			
NATURE OF CONVEYANCE:		ASSIGNMENT	ASSIGNMENT		
CONVEYING PARTY DA	٩ΤΑ				
		Name	Execution Date		
TAKU KIMURA			04/13/2021		
MASAHIRO NONOYAM	4		04/13/2021		
JUNICHI MASUDA			04/14/2021		
MASAHIRO KAMIYA			04/13/2021		
KATSUHIDE SAKAI			04/13/2021		
RECEIVING PARTY DA	 TA				
Name:		KONICA MINOLTA, INC.			
Street Address:	2-7-2 MARUNOUCHI				
City:	CHIYODA-KU, TOKYO				
State/Country:	JAPAN				
Postal Code:	100-701	5			
PROPERTY NUMBERS Property Type		Number			
Application Number:	· · · ·	17313250			
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CORRESPONDENCE D	ΑΤΑ				
		(703)836-2021			
Correspondence will be	e sent to	the e-mail address first; if that is unsucc			
Correspondence will be using a fax number, if p	e sent to provided				
Correspondence will be using a fax number, if µ Phone:	e sent to provided	the e-mail address first; if that is unsucc ; if that is unsuccessful, it will be sent via			
Correspondence will be using a fax number, if p Phone: Email:	e sent to provided	<i>the e-mail address first; if that is unsuce; ; if that is unsuccessful, it will be sent via</i> 7038366620 mayra.castillo@bipc.com BUCHANAN INGERSOLL & ROONEY PC			
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Correspondence will be using a fax number, if p Phone: Email: Correspondent Name: Address Line 1: Address Line 2: Address Line 4: ATTORNEY DOCKET NU	e sent to provided i i i i i i i i i i i i i	the e-mail address first; if that is unsuce ; if that is unsuccessful, it will be sent via 7038366620 mayra.castillo@bipc.com BUCHANAN INGERSOLL & ROONEY PC 1737 KING STREET # 500 ALEXANDRIA, VIRGINIA 22314 1034528-000135 MAYRA E. CASTILLO			

Total Attachments: 4 source=EXECUTED CDA--1034528-000135#page1.tif source=EXECUTED CDA--1034528-000135#page2.tif source=EXECUTED CDA--1034528-000135#page3.tif source=EXECUTED CDA--1034528-000135#page4.tif

Attorney Docket No._____ Konica Minolta Reference: B50635US01

COMBINED DECLARATION AND ASSIGNMENT (JOINT)

As the below named inventor, I hereby declare that this Combined Declaration and Assignment is directed to:

- (1) U.S. application number or PCT application number _____filed on _____, entitled _____; or
- (2) The attached application entitled <u>RECORDING MEDIUM CONVEYANCE</u> <u>DEVICE, RECORDING MEDIUM CONVEYANCE METHOD AND NON-</u> <u>TRANSITORY COMPUTER-READABLE RECORDING MEDIUM</u> <u>ENCODED WITH RECORDING MEDIUM CONVEYANCE PROGRAM.</u>

DECLARATION

As the below named inventor, I further declare that:

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

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

I have reviewed and understand the contents of the above-identified specification, 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 inventor (hereinafter referred to as "the Assignor"), respectively, witnesseth:

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

WHEREAS, <u>Konica Minolta, Inc.</u>, 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 Marunouchi, Chiyoda-ku, Tokyo 100-7015 Japan</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 Assignor has 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

Buchanan Ingersoll & Rooney PC

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PATENT REEL: 056157 FRAME: 0120

Attorney Docket No.

Konica Minolta Reference: B50635US01

entire right, title, and 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 Assignor had this sale and assignment not been made;

AND for the same consideration, the Assignor hereby covenants and agrees to and with the Assignee, its successors, legal representatives, and assigns, that, at the time of execution and delivery of these presents, the Assignor is the sole and lawful owner of the entire right, title, and interest in and to the inventions set forth in said applications and said applications, including provisional applications, abovementioned, and that the same are unencumbered, and that the Assignor has 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 Assignor hereby covenants and agrees to and with the Assignee, its successors, legal representatives, and assigns that the Assigner 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;

AND the Assignor hereby requests the Commissioner of Patents to issue any and all said Letters Patent of the United States to the Assignee as the Assignee of said inventions, the Letters Patent to be issued for the sole use and behoof of the Assignee, its successors, legal representatives, and assigns.

April 13 2021	Taku KIMURA	Taku Kimura
Date	Name	Signature
April (3,202)	Masahiro NONOYAMA	Masahiro Nonoyamq
Date	Name	Signature
1	Junichi MASUDA	
Date	Name	Signature
April 13,202	Masahiro KAMIYA	Masahiro Kamiya
Date	Name	Signature
April 13 2024	Katsuhide SAKAI	Katsuhide Sakai
Date	Name	Signature

Page 2 of 2

PATENT REEL: 056157 FRAME: 0121

Attorney Docket No._____ Konica Minolta Reference: B50635US01

COMBINED DECLARATION AND ASSIGNMENT (JOINT)

As the below named inventor, I hereby declare that this Combined Declaration and Assignment is directed to:

- (1) U.S. application number or PCT application number _____filed on _____, entitled _____; or
- (2) The attached application entitled <u>RECORDING MEDIUM CONVEYANCE</u> <u>DEVICE, RECORDING MEDIUM CONVEYANCE METHOD AND NON-</u> <u>TRANSITORY COMPUTER-READABLE RECORDING MEDIUM</u> <u>ENCODED WITH RECORDING MEDIUM CONVEYANCE PROGRAM.</u>

DECLARATION

As the below named inventor, I further declare that:

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

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

I have reviewed and understand the contents of the above-identified specification, 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 inventor (hereinafter referred to as "the Assignor"), respectively, witnesseth:

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

WHEREAS, <u>Konica Minolta, Inc.</u>, 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 Marunouchi, Chiyoda-ku, Tokyo 100-7015 Japan</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 Assignor has 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

Buchanan Ingersoll & Rooney PC

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PATENT REEL: 056157 FRAME: 0122

Attorney Docket No

Konica Minolta Reference: B50635US01

entire right, title, and 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 Assignor had this sale and assignment not been made;

AND for the same consideration, the Assignor hereby covenants and agrees to and with the Assignee, its successors, legal representatives, and assigns, that, at the time of execution and delivery of these presents, the Assignor is the sole and lawful owner of the entire right, title, and interest in and to the inventions set forth in said applications and said applications, including provisional applications, abovementioned, and that the same are unencumbered, and that the Assignor has 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 Assignor hereby covenants and agrees to and with the Assignee, its successors, legal representatives, and assigns that the Assignor 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:

AND the Assignor hereby requests the Commissioner of Patents to issue any and all said Letters Patent of the United States to the Assignee as the Assignee of said inventions, the Letters Patent to be issued for the sole use and behoof of the Assignee, its successors, legal representatives, and assigns.

Date	Name	Signature
	Masahiro NONOYAMA	
Date	Name	Signature
April 14,2021	Junichi MASUDA	Switch Musich
Date	Name	Signature
	Masahiro KAMIYA	
Date	Name	Signature
	Katsuhide SAKAI	
Date	Name	Signature

Taku KIMURA

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RECORDED: 05/06/2021