504273629 03/15/2017

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT4320311

SUBMISSION TYPE:	NEW ASSIGNMENT	
NATURE OF CONVEYANCE:	ASSIGNMENT	

CONVEYING PARTY DATA

Name	Execution Date	
HIROFUMI ISHIDA	02/09/2017	

RECEIVING PARTY DATA

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

PROPERTY NUMBERS Total: 1

Property Type	Number	
Application Number:	15459794	

CORRESPONDENCE DATA

Fax Number: (860)286-0115

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: 860-286-2929

Email: usptopatentmail@cantorcolburn.com

Correspondent Name: CANTOR COLBURN LLP
Address Line 1: 20 CHURCH STREET

Address Line 2: 22ND FLOOR

Address Line 4: HARTFORD, CONNECTICUT 06103

ATTORNEY DOCKET NUMBER:	FKI0049US
NAME OF SUBMITTER:	DANIEL P. LENT
SIGNATURE:	/Daniel P. Lent/
DATE SIGNED:	03/15/2017

Total Attachments: 1 source=7SC8432#page1.tif

PATENT 504273629 REEL: 041585 FRAME: 0056

ASSIGNMENT

Title of Invention: Image Forming Apparatus for Detecting Crack Generated in Charging Member, Method for Controlling the Image Forming Apparatus, and Control Program Used in the Image Forming Apparatus

Whereas, each undersigned inventor has made certain inventions, improvements, and discoveries (herein referred to as the "INVENTION") disclosed in the above-identified patent application (herein referred to as the ("APPLICATION");

Whereas, Konica Minolta, Inc., a corporation of <u>Japan</u> having a place of business at <u>2-7-2</u> <u>Marunouchi</u>, <u>Chiyoda-ku</u>, <u>Tokyo 100-7015 Japan</u> (herein referred to as "ASSIGNEE"), desires to acquire, and each undersigned inventor desires to grant to ASSIGNEE, the entire worldwide right, title, and interest in and to the INVENTION and in and to any and all patent applications and patents directed thereto:

Now, therefore, for good and valuable consideration, the receipt and sufficiency thereof being hereby acknowledged, each undersigned inventor (herein referred to ASSIGNOR") hereby sells or has sold, assigns or has assigned, and otherwise transfers or has transferred to the ASSIGNEE, its successors, legal representatives, and assigns, the entire worldwide right, title, and interest in and to the INVENTION, the APPLICATION, and any and all other patent applications and patents for the INVENTION which may be applied for or granted therefor in the United States and in all foreign countries and jurisdictions, including all divisions, continuations, continuations-inpart, reissues, reexaminations, renewals, extensions, counterparts, substitutes, and extensions thereof, and all rights of priority resulting from the filing of such applications and granting of such patents. In addition, each undersigned inventor hereby authorizes and requests the Director of the United States Patent and Trademark Office to issue any United States Patent, and foreign patent authorities to issue any foreign patent, granted for the INVENTION, to ASSIGNEE, its successors, legal representatives, and assigns, the entire worldwide right, title, and interest in and to the same to be held and enjoyed by ASSIGNEE, its successors, legal representatives, and assigns to the full end of the terms for which any and all such patents may be granted, as fully and entirely as would have been held and enjoyed by the undersigned had this Assignment not been made; and each undersigned inventor agrees to execute any and all documents and instruments and perform all lawful acts reasonably related to recording this Assignment or perfecting title to the INVENTION, the APPLICATION, and all related patents and applications, in ASSIGNEE, its successors, legal representatives, and assigns, whenever requested by ASSIGNEE, its successors, legal representatives, and assigns.

Each undersigned inventor also hereby grants ASSIGNEE, its successors, legal representatives, and assigns, the right to insert in this Declaration and Assignment any further identification of the APPLICATION (including, but not limited to, patent Application Number and filing date).

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.

Signature:	Hirofumi	Ish) da		Date February	9. 2019
night the con-				- 3.2 (3.0)	الله الله العربي المنظور الدارع النا
		*********	***************************************	- handlinninninninninninninninninnin	
					,

Legal Name of Inventor: Hirofumi ISHIDA