503974416 08/24/2016

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
KENTON C. HASSON	08/24/2016
KAZUHIKO HASEGAWA	08/23/2016

RECEIVING PARTY DATA

Name:	CANON U.S. LIFE SCIENCES, INC.	
Street Address:	9800 MEDICAL CENTER DRIVE	
Internal Address:	SUITE C-120	
City:	ROCKVILLE	
State/Country:	MARYLAND	
Postal Code:	20850	

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	29509085

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.

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Correspondent Name: CANON U.S. LIFE SCIENCES, INC Address Line 1: 9800 MEDICAL CENTER DRIVE

Address Line 2: SUITE C-120

Address Line 4: ROCKVILLE, MARYLAND 20850

ATTORNEY DOCKET NUMBER:	3400-283	
NAME OF SUBMITTER:	IRINA SHUMAKOVICH	
SIGNATURE:	/Irina Shumakovich/	
DATE SIGNED:	08/24/2016	

Total Attachments: 4

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PATENT 503974416 REEL: 039522 FRAME: 0187

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PATENT REEL: 039522 FRAME: 0188

ASSIGNMENT BY INVENTOR(S) OF PATENT APPLICATION FOR ALL COUNTRIES

IN CONSIDERATION for good and valuable consideration paid to the undersigned inventor(s) (hereinafter ASSIGNORS) by

Name: Canon U.S. Life Sciences, Inc.

Address: 9800 Medical Center Drive, Rockville, MD 20850

(hereinafter ASSIGNEE), the receipt and adequacy of which is hereby acknowledged, ASSIGNORS hereby sell(s), assign(s) and transfer(s) to ASSIGNEE all of his/her right, title and interest in, to and under the invention and application entitled **CARTRIDGE ASSEMBLY** for which application for Letters Patent of the United States ASSIGNORS is/are the sole or a joint inventor and which application was executed on even date herewith or is identified as follows:

U.S. Serial No. 29/509,085, Filing Date: November 13, 2014

and all Letters Patent of the United States to be obtained on said application or any continuation, division, reissue, reexamination or extension thereof and all rights connected therewith, and all applications for Letters Patent which may hereafter be filed for said invention in any country or countries foreign to the United States, and all Letters Patent which may be granted for said invention in any country or countries foreign to the United States and all extensions, renewals and reissues thereof and all rights of priority in any such country or countries based upon the filing of the said application for Letters Patent of the United States which are created by any law, treaty or international convention, for the full term or terms for which the same may be granted, including all rights to recover damages for any and all past infringement; and

ASSIGNORS agree to execute all papers necessary in connection with said application and any continuing, divisional, reissue or reexamination applications thereof and to execute separate assignments in connection with such applications as ASSIGNEE may deem necessary.

ASSIGNORS agree to execute all papers necessary in connection with any interference, litigation, or other legal proceeding which may be declared concerning this application or any continuation, division, reissue or re-examination thereof or Letters Patent, reissue patent or reexamination certificate issued thereon and to cooperate with ASSIGNEE in every way possible in obtaining and producing evidence and proceeding with such interference, litigation, or other legal proceeding.

Page 1 of 2

0800-18043DES

PATENT REEL: 039522 FRAME: 0189

ASSIGNORS hereby authorize attorneys of record for the application to fill in the application number and filing date in the spaces provided above.

ASSIGNORS covenant that he/she has the full right to convey the entire interest herein assigned and has not executed, and will not execute, any agreement in conflict herewith.

ASSIGNORS acknowledge that ASSIGNEE may appoint any attorney or practitioner of ASSIGNEE'S choice to prosecute any application or other legal proceeding involving said invention and ASSIGNORS further acknowledge(s) that any attorney or practitioner so appointed by ASSIGNEE does not represent ASSIGNORS and that such appointment by ASSIGNEE does not create any attorney-client relationship between ASSIGNORS and any attorney or practitioner appointed by ASSIGNEE.

IN WITNESS WHEREOF, ASSIGNORS have affixed his/her signature below.

Signature: 16 C. Warner Date: 24 Aug. 2016

Typed Name: Kenton C. Hasson

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IN CONSIDERATION for good and valuable consideration paid to the undersigned inventor(s) (hereinafter ASSIGNORS) by

Name: Canon U.S. Life Sciences, Inc.

Address: 9800 Medical Center Drive, Rockville, MD 20850

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U.S. Serial No. 29/509,085, Filing Date: November 13, 2014

and all Letters Patent of the United States to be obtained on said application or any continuation, division, reissue, reexamination or extension thereof and all rights connected therewith, and all applications for Letters Patent which may hereafter be filed for said invention in any country or countries foreign to the United States, and all Letters Patent which may be granted for said invention in any country or countries foreign to the United States and all extensions, renewals and reissues thereof and all rights of priority in any such country or countries based upon the filing of the said application for Letters Patent of the United States which are created by any law, treaty or international convention, for the full term or terms for which the same may be granted, including all rights to recover damages for any and all past infringement; and

ASSIGNORS agree to execute all papers necessary in connection with said application and any continuing, divisional, reissue or reexamination applications thereof and to execute separate assignments in connection with such applications as ASSIGNEE may deem necessary.

ASSIGNORS agree to execute all papers necessary in connection with any interference, litigation, or other legal proceeding which may be declared concerning this application or any continuation, division, reissue or re-examination thereof or Letters Patent, reissue patent or reexamination certificate issued thereon and to cooperate with ASSIGNEE in every way possible in obtaining and producing evidence and proceeding with such interference, litigation, or other legal proceeding.

Page 1 of 2 0800-18043DES

PATENT REEL: 039522 FRAME: 0191 ASSIGNORS hereby authorize attorneys of record for the application to fill in the application number and filing date in the spaces provided above.

ASSIGNORS covenant that he/she has the full right to convey the entire interest herein assigned and has not executed, and will not execute, any agreement in conflict herewith.

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IN WITNESS WHEREOF, ASSIGNORS have affixed his/her signature below.

Signature:

RECORDED: 08/24/2016

Date: 8/23/20/6

Typed Name: Kazuhiko Hasegawa