PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
BRIAN C. CASE	03/13/2017
RICHARD L. WEST	03/13/2017
RANDY K. MURPHEY	03/13/2017
CHRISTOPHER J. BISHOF	03/13/2017

RECEIVING PARTY DATA

Name:	FENWAL, INC.	
Street Address:	3 CORPORATE DR.	
City:	LAKE ZURICH	
State/Country:	ILLINOIS	
Postal Code:	60047	

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	15472546

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.

Phone: 847-550-2819

Email: hanna.yoon@fresenius-kabi.com

Correspondent Name: FENWAL, INC.

Address Line 1: 3 CORPORATE DR.

Address Line 4: LAKE ZURICH, ILLINOIS 60047

ATTORNEY DOCKET NUMBER:	F-6776
NAME OF SUBMITTER:	HANNA YOON
SIGNATURE:	/Hanna Yoon/
DATE SIGNED:	03/29/2017
	This document serves as an Oath/Declaration (37 CFR 1.63).

Total Attachments: 6

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PATENT REEL: 041782 FRAME: 0949

504295650



FENWAL, INC.

Attorney Docket No.: F-6776

Serial/Application No.:

Filed:

ASSIGNMENT

For good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, I/we (hereinafter respectively referred to as Assignor/Assignors or I/we) hereby assign to FENWAL, INC. (hereinafter referred to as Assignee), a Delaware corporation, having a principal place of business at Three Corporate Drive. Lake Zurich, Illinois 60047, its successors, legal representatives and assigns, the entire worldwide right, title and interest in my/our invention(s) in: FLUID PROCESSING CASSETTE AND SENSOR COUPLING SYSTEM AND METHOD, described, claimed and/or otherwise set forth in the patent application(s) identified by the above referenced Serial/Application Number(s) and/or Attorney Docket No(s)., including, without limitation, the entire worldwide right, title and interest in and to: (1) the above referenced patent application(s), (2) any and all other United States applications, regular and provisional, and applications in any and all countries which have been or may hereafter be filed, either solely or jointly with others, on said invention(s), (3) any and all Letters Patent of the United States or of any other country which may be obtained on any of the said applications, (4) if any above United States application is provisional, any regular application(s) referring thereto pursuant to 35 USC 119(e) or other internal priority legislation, and (5) any regular, division, continuation, reexamination, reissue or extension of any of the foregoing.

I/We hereby authorize and request the Commissioner of Patents and any other patent-granting authority to issue any domestic, foreign, and/or international Letters Patent(s) on said invention to said Assignee.

I/We hereby authorize and request the Assignee or its legal representatives to insert in this assignment the date and serial number of said application when officially known.

Page 1 of 6

FENWAL, INC.

Attorney Docket No.: F-6776

Serial/Application No.:

Filed:

I/We warrant that I am/we are the owner of the entire right, title and interest in

and to the invention(s) and patent application(s) herein assigned and have the right to

make this assignment; and further warrant that there are no outstanding prior

assignments, licenses, or other rights whatsoever in the interest herein assigned.

I/We hereby agree upon the request and at the expense of said Assignee, its

successors, legal representatives and assigns, to execute any and all regular,

divisional, continuation, and renewal applications for said invention(s), and any

necessary oath or supplemental oath or affidavit relating thereto, and any application(s)

for the reissue or extension of any Letters Patent that may be granted upon said

application(s) that said Assignee, its successors, legal representatives and assigns may

deem necessary or expedient.

I/We further agree upon the request of said Assignee, its successors, legal

representatives and assigns, in the event of said application(s), or any regular

application(s) referring thereto under internal priority legislation or international treaty or

convention, or any continuation or division thereof, or Letters Patent issued thereon, or

any reissue or application for the reissue thereof becoming involved in Interference or

any other contested matter to cooperate to the best of my/our ability with said Assignee,

its successors, legal representatives and assigns in the matters of preparing and

executing the preliminary statement or other such document and giving and producing

evidence in support thereof. I/We further agree to perform, upon such request, any and

all affirmative acts to obtain said Letters Patent(s), and vest all rights therein hereby

conveyed in the said Assignee, its successors, legal representatives and assigns

whereby said Letters Patent(s) will be held and enjoyed by the said Assignee, its

Page 2 of 6

PATENT

REEL: 041782 FRAME: 0952

FENWAL, INC.

Serial/Application No.:

Filed:

Attorney Docket No.: F-6776

successors, legal representatives and assigns to the end of the term for which said Letters Patent(s) may be granted as fully and entirely as the same would have been held and enjoyed by Assignor/Assignors if this assignment and sale had not been

made.

I/We also, to the extent not set forth above, assign to said Assignee, its successors, legal representatives and assigns, the entire right, title and interest in said invention for any and all foreign countries and in all applications claiming priority under international convention or treaty to any of the applications identified above and further assign to Assignee, its successors, legal representatives and assigns, the right of priority for patent and utility model applications in all countries arising under any applicable international convention for the protection of industrial property and/or any internal priority legislation of such countries, and I/We agree upon the request of said

Assignee, its successors, legal representatives and assigns to execute any and all documents that shall be required to be executed in connection with any and all

applications for foreign Letters Patent thereof, including the prosecution thereof, and to

execute any and all documents necessary to invest title in said foreign applications and

patents in said Assignee.

DECLARATION

I hereby declare that with reference to the application identified above and assigned hereunder ("the patent application"):

I have reviewed and understand the contents of the patent application, including the claims:

I believe myself to be the original inventor or original joint inventor (if additional inventors are listed below) of a claimed invention in the patent application;

The patent application is and was made or authorized to be made by me;

Page 3 of 6

FENWAL, INC.	
Attorney Docket No.: F-6776	Serial/Application No.: Filed:
I am aware of the duty to disclose to	are as listed below next to my name; and o the U.S. Patent and Trademark Office all arial to patentability as set forth in 37 CFR
	ent made in this declaration or statement is or imprisonment of not more than 5 years, or
Witness my hand and seal:	
Inventor: <u>Brian C. Case</u> §	Signature:
8	Mailing Address: Three Corporate Drive
	Lake Zurich, IL 60047
SUBSCRIBED AND SWORN to before me March 2017 Hardh	e this <u>/3-ff</u> day of
NOTARY PUBLIC	
OFFICIAL SEAL HANNA YOON NOTARY PUBLIC - STATE OF ILLINOIS MY COMMISSION EXPIRES 08/20/18	e 4 of 6

FENWAL, INC.	
Attorney Docket No.: F-6776	Serial/Application No.: Filed:
Inventor: Richard L. West	Signature: 2 ()
	Date: <u>/3-/MA/2- Z 017</u>
	Residence: <u>LAKE VILLA, IL</u>
	Mailing Address: Three Corporate Drive
	Lake Zurich, IL 60047
SUBSCRIBED AND SWORN to before r	me this <u>BHA</u> day of
March . 2017	
<u> </u>	OFFICIAL SEAL HANNA YOON NOTARY PUBLIC - STATE OF ILLINOIS
NOTARY PUBLIC	MY COMMISSION EXPIRES 08/20/18
Inventor: Randy K. Murphey	Signature: 1/24/1/2013 Date: 13 10/1864 2013
	Residence: PONDANT PRAIRIE, WII
	Mailing Address: <u>Three Corporate Drive</u>
	Lake Zurich, IL 60047
SUBSCRIBED AND SWORN to before r	ne this <u>/3-{/</u> day of
<u>March</u> , 2017.	
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FENWAL, INC.	
Attorney Docket No.: F-8776	Serial/Application No.: Filed:
Inventor: Christopher J. Bishof	Signature: AAAAAA Date: 3/13/2017 Residence: Palatine, IL
	Mailing Address: Three Corporate Drive
	<u>Lake Zurich, IL 60047</u>
SUBSCRIBED AND SWORN to before	me this <u>/3 ///</u> day of
<u>March</u> , 2017	
<u> Local</u>	
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