505371019 03/12/2019

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
ZAHRA R. ALI	01/17/2019
LAN T. NGUYEN	01/17/2019
KATHERINE N. RADWANSKI	02/28/2019
ANGELA N. CARLSON	02/20/2019
TANIMA J. ABEDIN	02/21/2019

RECEIVING PARTY DATA

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

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	16286726

CORRESPONDENCE DATA

Fax Number: (312)236-8176

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: 3122368500

Email: docket@cookalex.com
Correspondent Name: COOK ALEX LTD.

Address Line 1: 200 WEST ADAMS STREET

Address Line 2: SUITE 2850

Address Line 4: CHICAGO, ILLINOIS 60606

ATTORNEY DOCKET NUMBER:	F-6831 (9360-0572.01)
NAME OF SUBMITTER:	JOSEPH R. FREUND
SIGNATURE:	/JOSEPH R. FREUND/
DATE SIGNED:	03/12/2019
	This document serves as an Oath/Declaration (37 CFR 1.63).

PATENT 505371019 REEL: 048577 FRAME: 0042

Total Attachments: 7 source=FINAL_Ex_Assignment_F-6831_9360-0572_01#page1.tif source=FINAL_Ex_Assignment_F-6831_9360-0572_01#page2.tif source=FINAL_Ex_Assignment_F-6831_9360-0572_01#page3.tif source=FINAL_Ex_Assignment_F-6831_9360-0572_01#page4.tif source=FINAL_Ex_Assignment_F-6831_9360-0572_01#page5.tif source=FINAL_Ex_Assignment_F-6831_9360-0572_01#page6.tif source=FINAL_Ex_Assignment_F-6831_9360-0572_01#page7.tif

FENWAL, INC.

Serial/Application No.: 16/286,726

Attorney Docket No.: F-6831 (9360-0572.01)

Filed: February 27, 2019

ASSIGNMENT

For good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, we (hereinafter respectively referred to as Assignors or 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, IL, 60047, its successors, legal representatives and assigns, the entire worldwide right, title and interest in our invention(s) in: SYSTEMS AND METHODS FOR PERFORMING ONLINE EXTRACORPOREAL PHOTOPHERESIS, 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.

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.

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.

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FENWAL, INC.

Serial/Application No.: 16/286,726

Attorney Docket No.: F-6831 (9360-0572.01)

Filed: February 27, 2019

We warrant that we are the owners 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.

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.

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 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. 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 successors, legal representatives and assigns to the end of the term for which said Letters Patent(s) may

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FENWAL, INC.

Serial/Application No.:: 16/286.726

Filed: February 27, 2019

Attorney Docket No.: F-6831 (9360-0572.01)

be granted as fully and entirely as the same would have been held and enjoyed by Assignors if this assignment and sale had not been made.

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 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;

My residence and mailing address are as listed below next to my name; and

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FENWAL, INC.	
Attorney Docket No.: F-6831 (9360-0572.01)	Serial/Application No.: 16/286,726 Filed: February 27, 2019
	ne U.S. Patent and Trademark Office all all to patentability as set forth in 37 CFR
I acknowledge that any willful false statement punishable under 18 U.S.C. 1001 by fine or ir both.	
Witness my hand and seal:	
**************************************	**************************************
Inventor: <u>Zahra R. Ali</u> S	Signature: <u> </u>
Residence: <u>Chicago, Illinois</u>	
Mailing Address: <u>Three Corporate Drive</u> <u>Lake Zurich, Illinois 6004</u>	<u>17</u>
SUBSCRIBED AND SWORN to before me th	nisday of
January , 2019	
NOTARY PUBLIC	OFFICIAL SEAL SCOTT M DAY NOTARY PUBLIC - STATE OF ILLINOIS MY COMMISSION EXPIRES:06/27/19

FENWAL, INC.	
Attorney Docket No.: F-6831 (9360-0572.01)	Serial/Application No.: 16/286,726 Filed: February 27, 2019
Inventor: <u>Lan T. Nguyen</u>	Signature: Jan 17, 2019
Residence: Vernon Hills, Illinois	
Mailing Address: <u>Three Corporate Drive</u> <u>Lake Zurich, Illinois 60</u>	<u>347</u>
SUBSCRIBED AND SWORN to before me	this <u>17 th</u> day of
January , 2019	
NOTARY PUBLIC	OFFICIAL SEAL SCOTT M DAY NOTARY PUBLIC - STATE OF ILLINOIS WY COMMISSION EXPIRES 08/27/19
Inventor: <u>Katherine N. Radwanski</u>	Signature: Koll Killy Date: Feb 28, 2019
Residence: <u>Highland Park, Illinois</u>	
Mailing Address: <u>Three Corporate Drive</u> <u>Lake Zurich, Illinois 60</u>	<u>047</u>
SUBSCRIBED AND SWORN to before me	thisday of
NOTARY PUBLIC	OFFICIAL SEAL SCOTT M DAY SCOTT M DAY NOTARY PUBLIC - STATE OF ILLINOIS MY COMMISSION EXPIRES:06(27/18)

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FENWAL, INC.	
Attorney Docket No.: F-6831 (9360-0572.01)	Serial/Application No.: 16/286,726 Filed: February 27, 2019
Inventor: Angela N. Carlson	Signature: 1494 Calon Date: February 202019
Residence: Arlington Heights, Illinois	V*
Mailing Address: Three Corporate Drive Lake Zurich, Illinois 6	
SUBSCRIBED AND SWORN to before me	e thisday of
NOTARY PUBLIC 2019	OFFICIAL SEAL SCOTT M DAY NOTARY PUBLIC - STATE OF ILLINOIS MY COMMISSION EXPIRES:06/27/19
Inventor: Tanima J. Abedin	Signature:
	Date:
Residence: Chicago, Illinois	
Mailing Address: <u>Three Corporate Drive</u> <u>Lake Zurich, Illinois 6</u>	
SUBSCRIBED AND SWORN to before m	
NOTARY PUBLIC	

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FENWAL, INC.	
	Serial/Application No.: 16/286,726
Attorney Docket No.: F-6831 (9360-0572.01)	Filed: February 27, 2019
Inventor: <u>Tanima J. Abedin</u> Signature:	Tanin Medier
Ε	Date: 21 Feb 2019
Residence: Chicago, Illinois	
Mailing Address: <u>Three Corporate Drive</u> <u>Lake Zurich, Illinois 6004</u>	
SUBSCRIBED AND SWORN to before me th	isday of
February 2019.	
NOTARY PUBLIC	OFFICIAL SEAL SCOTT MOAY NOTARY PUBLIC STATE OF ILLINOIS MY COMMISSION EXPIRES 08/27/19

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