

PATENT ASSIGNMENT

Electronic Version v1.1
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SUBMISSION TYPE:	NEW ASSIGNMENT												
NATURE OF CONVEYANCE:	ASSIGNMENT												
CONVEYING PARTY DATA													
<table border="1"> <thead> <tr> <th>Name</th> <th>Execution Date</th> </tr> </thead> <tbody> <tr> <td>Daniel R. Boggs</td> <td>04/01/2013</td> </tr> <tr> <td>Kyungyoon Min</td> <td>04/01/2013</td> </tr> <tr> <td>Lan T. Nguyen</td> <td>04/01/2013</td> </tr> <tr> <td>John T. Foley</td> <td>04/01/2013</td> </tr> <tr> <td>Brian Case</td> <td>04/01/2013</td> </tr> </tbody> </table>		Name	Execution Date	Daniel R. Boggs	04/01/2013	Kyungyoon Min	04/01/2013	Lan T. Nguyen	04/01/2013	John T. Foley	04/01/2013	Brian Case	04/01/2013
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Brian Case	04/01/2013												
RECEIVING PARTY DATA													
Name:	FENWAL, INC.												
Street Address:	Three Corporate Drive												
City:	Lake Zurich												
State/Country:	ILLINOIS												
Postal Code:	60047												
PROPERTY NUMBERS Total: 1													
<table border="1"> <thead> <tr> <th>Property Type</th> <th>Number</th> </tr> </thead> <tbody> <tr> <td>Application Number:</td> <td>13840113</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	13840113								
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Application Number:	13840113												
CORRESPONDENCE DATA													
Fax Number:	3122368176												
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>													
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-6611 (9360-0423.01)												
NAME OF SUBMITTER:	Stephen B. Heller												
Signature:	/Stephen B. Heller/												

CH \$40.00 13840113

Date:	04/03/2013
	This document serves as an Oath/Declaration (37 CFR 1.63).
<p>Total Attachments: 6 source=9360042301assignment#page1.tif source=9360042301assignment#page2.tif source=9360042301assignment#page3.tif source=9360042301assignment#page4.tif source=9360042301assignment#page5.tif source=9360042301assignment#page6.tif</p>	

COMBINED ASSIGNMENT AND DECLARATION

Fenwal, Inc.

Attorney Docket No.: F-6611 (9360-0423.01)

Serial/Application No.: 13/840,113

Filed: March 15, 2013

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), an **Illinois 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: **SYSTEMS AND METHODS FOR ACHIEVING TARGET POST-PROCEDURE FRACTION OF CELLS REMAINING, HEMATOCRIT, AND BLOOD VOLUME DURING A THERAPEUTIC RED BLOOD CELL EXCHANGE PROCEDURE WITH OPTIONAL ISOVOLEMIC HEMODILUTION**, 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.

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Fenwal, Inc.

Attorney Docket No.: F-6611 (9360-0423.01)

Serial/Application No.: 13/840,113

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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.

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

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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 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;

COMBINED ASSIGNMENT AND DECLARATION

Fenwal, Inc.

Attorney Docket No.: F-6611 (9360-0423.01)

Serial/Application No.: 13/840,113

Filed: March 15, 2013

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 I am aware of the duty to disclose to the U.S. Patent and Trademark Office all information known to me to be material to patentability as set forth in 37 CFR 1.56.

I acknowledge that any willful false statement made in this declaration or statement is punishable under 18 U.S.C. 1001 by fine or imprisonment of not more than 5 years, or both.

Witness my hand and seal:

Inventor: Daniel R. Boggs

Signature: Daniel R. Boggs

Date: 4/1/2013

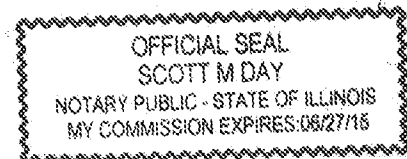
Residence: Libertyville, IL

Mailing Address: 1722 River Birch Way
Libertyville, IL 60048

SUBSCRIBED AND SWORN to before me this 1st day of

April, 2013

NOTARY PUBLIC



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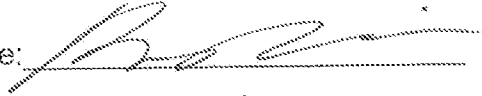
Fenwal, Inc.

Attorney Docket No.: F-6611 (9360-0423.01)

Serial/Application No.: 13/840,113

Filed: March 15, 2013

Inventor: Kyungyoon Min

Signature: 

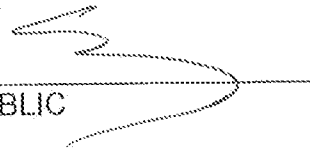
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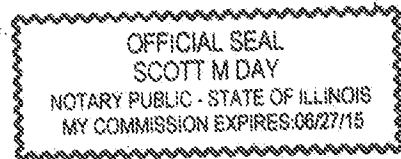
Residence: Kildeer, IL

Mailing Address: 23369 Providence Drive
Kildeer, IL 60047

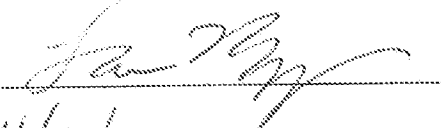
SUBSCRIBED AND SWORN to before me this 1st day of

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Inventor: Lan T. Nguyen

Signature: 

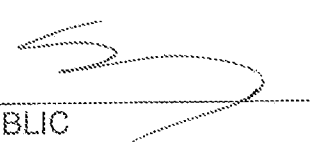
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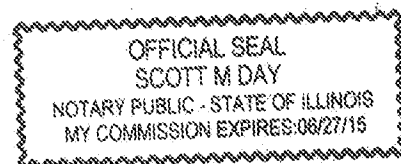
Residence: Vernon Hills, IL

Mailing Address: 750 Nardis Drive
Vernon Hills, IL 60061

SUBSCRIBED AND SWORN to before me this 1st day of

April, 2013


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COMBINED ASSIGNMENT AND DECLARATION

Fenwal, Inc.

Attorney Docket No.: F-6611 (9360-0423.01)

Serial/Application No.: 13/840,113

Filed: March 15, 2013

Inventor: John T. Foley

Signature: *John T. Foley*

Date: 1 April 2013

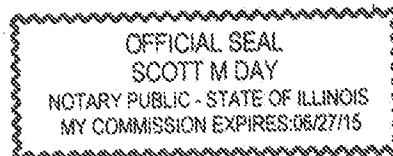
Residence: Wheeling, IL

Mailing Address: 455 Stone Place
Wheeling, IL 60090

SUBSCRIBED AND SWORN to before me this 1st day of

April, 2013.

[Signature]
NOTARY PUBLIC



Inventor: Brian Case

Signature: *Brian Case*

Date: 1 April 2013

Residence: Lake Villa, IL

Mailing Address: 424 Cyprus Circle
Lake Villa, IL 60046

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April, 2013.

[Signature]
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