

PATENT ASSIGNMENT

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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>Benjamin E. Kusters</td> <td>03/15/2012</td> </tr> <tr> <td>Christopher J. Wegener</td> <td>03/15/2012</td> </tr> <tr> <td>Daniel R. Boggs</td> <td>03/16/2012</td> </tr> <tr> <td>Kyungyoon Min</td> <td>03/13/2012</td> </tr> </tbody> </table>		Name	Execution Date	Benjamin E. Kusters	03/15/2012	Christopher J. Wegener	03/15/2012	Daniel R. Boggs	03/16/2012	Kyungyoon Min	03/13/2012
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<table border="1"> <tr> <td>Name:</td> <td>Fenwal, Inc.</td> </tr> <tr> <td>Street Address:</td> <td>Three Corporate Drive</td> </tr> <tr> <td>City:</td> <td>Lake Zurich</td> </tr> <tr> <td>State/Country:</td> <td>ILLINOIS</td> </tr> <tr> <td>Postal Code:</td> <td>60047</td> </tr> </table>		Name:	Fenwal, Inc.	Street Address:	Three Corporate Drive	City:	Lake Zurich	State/Country:	ILLINOIS	Postal Code:	60047
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CORRESPONDENCE DATA											
<p>Fax Number: (312)236-8176</p> <p>Phone: 3122368500</p> <p>Email: docket@cookalex.com</p> <p><i>Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent via US Mail.</i></p> <p>Correspondent Name: Cook Alex Ltd.</p> <p>Address Line 1: 200 West Adams Street</p> <p>Address Line 2: Suite 2850</p> <p>Address Line 4: Chicago, ILLINOIS 60606</p>											
ATTORNEY DOCKET NUMBER:	F-6597 PCT (9362-0413)										
NAME OF SUBMITTER:	Stephen B. Heller										

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Total Attachments: 4

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Attorney Docket No.: F-6597 PCT (9362-0413)

Serial No.: PCT/US12/28500
Filed: March 9, 2012

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, IL 60047, its successors, legal representatives and assigns, the entire worldwide right, title and interest in my/our invention(s) in: MEMBRANE SEPARATION DEVICES, SYSTEMS AND METHODS EMPLOYING SAME, AND DATA MANAGEMENT SYSTEMS AND METHODS, described, claimed and/or otherwise set forth in the patent application(s) identified by the above referenced Serial 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.

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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 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

FENWAL, INC.

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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.

Witness my hand and seal:

Inventor: Benjamin E. Kusters

Signature: Benjamin E. Kusters

Date: 03/15/12

SUBSCRIBED AND SWORN to before me this 15th day of

March, 2012.

[Signature]
NOTARY PUBLIC




FENWAL, INC.

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Inventor: Christopher J. Wegener

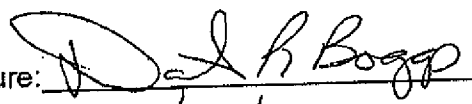
Signature: 
Date: 3/15/12

SUBSCRIBED AND SWORN to before me this 15th day of
March, 2012.


NOTARY PUBLIC



Inventor: Daniel R. Boggs


Signature: 
Date: 3/16/2012

SUBSCRIBED AND SWORN to before me this 16th day of
March, 2012.


NOTARY PUBLIC



Inventor: Kyungyoon Min

Signature: 
Date: 3/13/2012

SUBSCRIBED AND SWORN to before me this 13th day of
March, 2012.


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