## 503525611 10/15/2015 PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:		NEW ASSIGNMENT	NEW ASSIGNMENT		
NATURE OF CONVEYANCE:		ASSIGNMENT			
CONVEYING PARTY	' DATA				
		Name	Execution Date		
GAMBRO RENAL PF	RODUCTS, IN	IC.	03/26/2015		
RECEIVING PARTY	DATA				
Name: GAMBRO LUNDIA AB					
Street Address:	P.O. BO	P.O. BOX 10101			
City:	LUND				
State/Country:	SWEDE	SWEDEN			
Postal Code:	22010				
PROPERTY NUMBE	RS Total: 1				
Property Ty	be	Number			
Application Number	: 1	4655245			
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CORRESPONDENC	E DATA				
Fax Number:	(	612)305-1228			
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Fax Number: <i>Correspondence win using a fax number,</i> Phone: Email: Correspondent Nam Address Line 1: Address Line 2: Address Line 4: ATTORNEY DOCKET NAME OF SUBMITTE SIGNATURE: DATE SIGNED:	( Il be sent to if provided; 6 0 0 0 0 0 0 0 0 0 0 0 0 0	the e-mail address first; if that is unsuce if that is unsuccessful, it will be sent via 123051218 lagro@mrgiplaw.com EVIN W. RAASCH 11 THIRD AVENUE SOUTH UITE 350 IINNEAPOLIS, MINNESOTA 55401 405.00500101 KEVIN W. RAASCH /Kevin W Raasch/ 10/15/2015			

## ASSIGNMENT

Whereas, Gambro Renal Products, Inc. (hereinafter referred to as "Assignor"), a corporation having its post office address at 14143 Denver West Parkway, Suite 400, Lakewood, Colorado 80401, has acquired by assignment the entire right, title, and interest in and to inventions described in

U.S. Appin. No.	U.S. Filing Date	PCT Appln. No.	PCT Appln, Filing Date	Title
61/739,964	12/20/2012	PCT/US2013/075385	12/16/2013	Blood Set Component Connection Detection
61/793,620	03/15/2013	PCT/US2014/026215	03/14/2014	Extracorporeal Blood Treatment Fluids Interface
29/486,512	03/31/2014			Display Screen of a Medical Device
61/737,264	12/14/2012	PCT/US2013/075057	12/13/2013	Diaphragm Repositioning for Pressure Pod Using Position Sensing
61/747,718	12/31/2012	PCT/US2013/077928	12/27/2013	Pressure-Based Leak Detection in an Extracorporeal Blood Treatment Apparatus
61/739,973	12/20/2012	PCT/US2013/075367	12/16/2013	Target Volume Based Diaphragm Repositioning for Pressure Measurement Apparatus
29/493,479	06/10/2014			Cassette Housing for Extracorporeal Blood Processing Apparatus
29/515,360	01/22/2015			Cassette Housing for Extracorporeal Blood Processing Apparatus
29/493,345	06/09/2014			Extracorporeal Blood Processing Apparatus
61/747.852	12/31/2012	PCT/US2013/075656	12/17/2013	Treatment Profiles
61/747,833	12/31/2012	PCT/US2013/075667	12/17/2013	Extracorporeal Blood Treatment Data Interface
61/746,697	12/28/2012	PCT/US2013/077926	12/27/2013	Syringe Pump Engagement Detection Apparatus and Methods
61/747,685	12/31/2012	PCT/US2013/076400	12/19/2013	Occlusion Detection in Delivery of Fluids
61/793,590	03/15/2013	PCT/US2014/027463	03/14/2014	Extracorporeal Blood Treatment Apparatus with Reservoir Status Lights
29/493,347	06/09/2014			Status Light Bar

Now, therefore, for good and valuable consideration, receipt of which is acknowledged, Assignor has agreed to assign and transfer and does hereby assign and transfer unto Gambro Lundia AB (hereinafter referred to as "Assignee"), having its post office address at P.O. Box 10101, SE-22010 Lund, Sweden, its successors and assigns, the entire right, title, and interest in and to any application identified above and the inventions disclosed in any application identified above, and in and to any division or continuation (in whole or in part) of said application(s), and in and to any and all Patent, reexaminations, reissues, or extensions thereof, of the United States of America and countries foreign thereto (including the right to apply for Patent, Utility Models, or Inventors' Certificates in foreign countries in its own name and to claim any priority rights for such foreign applications to which such applications are entitled under international conventions, treaties, or otherwise), which have been or may be granted thereon or on any divisional, continuation (in whole or in part), renewal, reexamination, reissue, or other or further application based in whole or in part upon said inventions, to be held and enjoyed as fully and exclusively as they would have been by Assignor had this assignment and transfer not been made;

Assignor does further agree, for itself and its successors and assigns, to execute and deliver without further consideration any further applications, assignments, and documents, and to perform such other acts as it lawfully may, that may be deemed necessary by the Assignee, its successors, assigns, and nominees, fully to secure its right, title, and interest as aforesaid and to obtain or maintain Patents, Utility Models, or Inventors' Certificates in any and all countries;

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PATENT REEL: 036805 FRAME: 0495

And Assignor does hereby authorize and request the Commissioner of Patents to issue any and all Patents, Utility Models, or Inventors' Certificates, and the like, which may be granted upon any of said applications, to Gambro Lundia AB as the assignee of the entire right, title, and interest therein.

And, furthermore Assignor covenants and agrees with said Assignee, its successors and assigns, that no assignment, grant, mortgage, license or other agreement affecting the rights and property herein conveyed has been made to others by Assignor and that full right to convey the same as herein expressed is possessed by the Assignor.

In witness whereof, Assigner and Assignee have executed this Assignment on the days and years set forth below.

For and on behalf of

For and on behalf of

GAMBRO RENAL PRODUCTS, INC. by its authorized officer

Signature

Stephanie D. Miller Printed Name

March 26, 2015 Date

Assistant Secretary Title

**GAMBRO LUNDIA AB** by its authorized officer

AL CH. Signature

Anders Onshage Printed Name

Mail 7, 2015 Date Sr Counsel Intellecture Property Title

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