

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>Brian HOLMES</td><td>09/05/2003</td></tr><tr><td>Johan-Petter HAGSTROM</td><td>09/05/2003</td></tr><tr><td>Per-Olov LUNDBERG</td><td>09/05/2003</td></tr><tr><td>Geert VAN WAEG</td><td>11/04/2003</td></tr><tr><td>Peter NORDGREN</td><td>10/31/2003</td></tr></tbody></table>	Name	Execution Date	Brian HOLMES	09/05/2003	Johan-Petter HAGSTROM	09/05/2003	Per-Olov LUNDBERG	09/05/2003	Geert VAN WAEG	11/04/2003	Peter NORDGREN	10/31/2003	
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RECEIVING PARTY DATA													
<table border="1"><tr><td>Name:</td><td>Gambro, Inc.</td></tr><tr><td>Street Address:</td><td>10810 W. Collins Ave.</td></tr><tr><td>Internal Address:</td><td>IP Department</td></tr><tr><td>City:</td><td>Lakewood</td></tr><tr><td>State/Country:</td><td>COLORADO</td></tr><tr><td>Postal Code:</td><td>80215</td></tr></table>	Name:	Gambro, Inc.	Street Address:	10810 W. Collins Ave.	Internal Address:	IP Department	City:	Lakewood	State/Country:	COLORADO	Postal Code:	80215	
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CORRESPONDENCE DATA													
Fax Number: (303)231-4198 <i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>													
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Email: jeannie.woods@us.gambro.com													
Correspondent Name: Edna M. O'Connor													
Address Line 1: 10810 W. Collins Ave.													
Address Line 2: IP Department													
Address Line 4: Lakewood, COLORADO 80215													
ATTORNEY DOCKET NUMBER:	PB0077-US03												

CH \$40.00 11611682

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PATENT
REEL: 018644 FRAME: 0257

NAME OF SUBMITTER:

Edna M. O'Connor

Total Attachments: 3

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PATENT

REEL: 018644 FRAME: 0258

ASSIGNMENT

WHEREAS I/We, the below named inventor(s), [hereinafter referred to as Assignor(s)], have made an invention entitled:

Methods and Apparatuses for Blood Component Separation

for which I/We executed an application for United States Letters Patent filed on August 25, 2003 with Serial No. 10/648559 and which is identified in the Gambro Patent Department by Docket No. B0077; and

WHEREAS, Gambro, Inc. a corporation of Colorado whose post office address is 10810 W. Collins Ave., Lakewood, Colorado 80215-4439 (hereinafter referred to as Assignee), is desirous of securing the entire right, title, and interest in and to this invention in all countries throughout the world, and in and to the application for United States Letters Patent on this invention and the Letters patent to be issued upon this application;

NOW THEREFORE, be it known that for and in consideration of the sum of One Dollar (\$1.00) in hand paid and other good and valuable consideration the receipt of which from assignee is hereby acknowledged, I/We, as assignor(s), have sold, assigned, transferred, and set over, and do hereby sell, assign, transfer, and set over unto the assignee, its lawful successors and assigns, my/our entire right, title, and interest in and to this invention and this application, and all divisions, and continuations thereof, and all Letters Patent of the United States which may be granted thereon, and all reissues thereof, and all rights to claim priority on the basis of such application, and all applications for Letters Patent which may hereafter be filed for this invention in any foreign country and all Letters Patent which may be granted on this invention in any foreign country, and all extensions, renewals, and reissues thereof; and I/We hereby authorize and request the Commissioner of Patents and Trademarks of the United States and any official of any foreign country whose duty it is to issue patents on applications as described above, to issue all Letters Patent for this invention to assignee, its successors and assigns, in accordance with the terms of this Assignment;

AND, I/WE HEREBY covenant that I/We have the full right to convey the interest assigned by this Assignment, and I/We have not executed and will not execute any agreement in conflict with this Assignment.

AND, I/WE HEREBY further covenant and agree that I/WE will, without further consideration, communicate with assignee, its successors, and assigns, any facts known to me/us respecting this invention, and testify in any legal proceeding, sign all lawful papers when called upon to do so, execute and deliver any and all papers that may be necessary or desirable to perfect the title to this invention in said assignee, its successors and assigns, execute all divisional, continuation, and reissue applications, make all rightful oaths and generally do everything possible to aid assignee, its successors and assigns, to obtain and enforce proper patent protection for this invention in the United States and any foreign country, it being understood that any expense incident to the execution of such papers shall be borne by the assignee, its successors and assigns.

IN TESTIMONY WHEREOF, I/We have hereunto set our hands.

<u>Name</u>	<u>Address</u>	<u>Signature</u>	<u>Date</u>
Brian M. HOLMES	11506 W. Atlantic Ave Lakewood Colorado 80227 USA	<i>Brian M Holmes</i>	9/5/03
Johan-Petter (J-P) HAGSTRÖM	Mälarhöjdsvägen 28 Hägersten, SE-129 40 Sweden	<i>J-P Hagström</i>	Sept. 5, 2003
Per-Olov LUNDBERG	Annavägen 3 Karlskoga, SE-691 54 Sweden	<i>Per-Olov Lundberg</i>	Sept 5, 2003
Geert VAN WAEG	Sint-Lambertusstraat 133 Brussels, BE-1200 Belgium		

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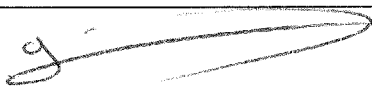
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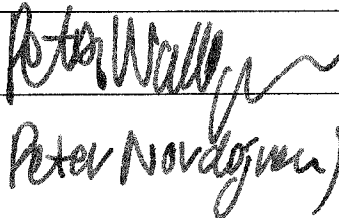
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Per-Olov LUNDBERG	Annvägen 3 Karlskoga, SE-691 54 Sweden		
Geert VAN WAEG	Sint-Lambertusstraat 133 Brussels, BE-1200 Belgium		Nov 4, 2003

Name	Address	Signature	Date
Peter NORDGREN	Nackagatan 27 Stockholm SE-116 47 Sweden	 (Peter Nordgren)	October 31, 2003