

**PATENT ASSIGNMENT**

Electronic Version v1.1  
 Stylesheet Version v1.1

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT												
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT												
<b>CONVEYING PARTY DATA</b>													
<table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th style="width:70%;">Name</th> <th>Execution Date</th> </tr> </thead> <tbody> <tr> <td>Brian M. 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 M. 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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Peter NORDGREN	10/31/2003												
<b>RECEIVING PARTY DATA</b>													
<b>Name:</b>	Gambro, Inc.												
<b>Street Address:</b>	10810 W. Collins Ave.												
<b>Internal Address:</b>	IP Department												
<b>City:</b>	Lakewood												
<b>State/Country:</b>	COLORADO												
<b>Postal Code:</b>	80215												
<b>PROPERTY NUMBERS Total: 1</b>													
<table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th style="width:30%;">Property Type</th> <th>Number</th> </tr> </thead> <tbody> <tr> <td><b>Application Number:</b></td> <td>11611567</td> </tr> </tbody> </table>		Property Type	Number	<b>Application Number:</b>	11611567								
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<b>Application Number:</b>	11611567												
<b>CORRESPONDENCE DATA</b>													
<b>Fax Number:</b>	(303)231-4198												
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>													
<b>Phone:</b>	303-231-4132												
<b>Email:</b>	jeannie.woods@us.gambro.com												
<b>Correspondent Name:</b>	Edna M. O'Connor												
<b>Address Line 1:</b>	10810 W. Collins Ave.												
<b>Address Line 2:</b>	IP Department												
<b>Address Line 4:</b>	Lakewood, COLORADO 80215												
<b>ATTORNEY DOCKET NUMBER:</b>	B0077-US03												

**CH \$40.00 11611567**

NAME OF SUBMITTER:

Edna M. O'Connor

Total Attachments: 3

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# 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

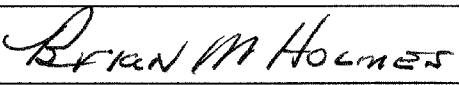
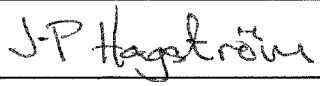
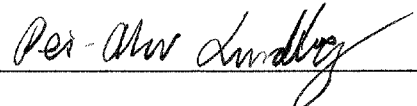
WHEREAS, Gambro, Inc. a corporation of Colorado whose post office address is 10810 W. Collins Ave., Lakewood, Colorado 80215-4439 (hereinafter referred to as Assignee), is desirous of securing the entire right, title, and interest in and to this invention in all countries throughout the world, and in 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.

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

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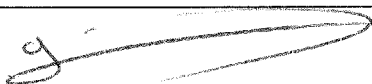
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NOW THEREFORE, be it known that for and in consideration of the sum of One Dollar (\$1.00) in hand paid and other good and valuable consideration the receipt of which from assignee is hereby acknowledged, I/We, as assignor(s), have sold, assigned, 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.

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

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

(Peter Nordgren)