

## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1  
 Stylesheet Version v1.2

EPAS ID: PAT3798374

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
FRANCESCO FONTANAZZI	04/03/2015
FRANCESCO PAOLINI	01/14/2016
FABIO GRANDI	11/03/2015
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	GAMBRO LUNDIA AB
<b>Street Address:</b>	P.O. BOX 10101
<b>City:</b>	LUND
<b>State/Country:</b>	SWEDEN
<b>Postal Code:</b>	22010
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
<b>Application Number:</b>	14429435
<b>CORRESPONDENCE DATA</b>	
<b>Fax Number:</b>	(612)305-1228
<i>Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent using a fax number, if provided; if that is unsuccessful, it will be sent via US Mail.</i>	
<b>Phone:</b>	6123051218
<b>Email:</b>	dlagro@mrgiplaw.com
<b>Correspondent Name:</b>	KEVIN W. RAASCH
<b>Address Line 1:</b>	111 THIRD AVENUE SOUTH
<b>Address Line 2:</b>	SUITE 350
<b>Address Line 4:</b>	MINNEAPOLIS, MINNESOTA 55401
<b>ATTORNEY DOCKET NUMBER:</b>	405.00860101
<b>NAME OF SUBMITTER:</b>	KEVIN W. RAASCH
<b>SIGNATURE:</b>	/Kevin W Raasch/
<b>DATE SIGNED:</b>	03/24/2016
<b>Total Attachments: 6</b>	
source=ExecutedAssignment-405-0086#page1.tif	
source=ExecutedAssignment-405-0086#page2.tif	
source=ExecutedAssignment-405-0086#page3.tif	

source=ExecutedAssignment-405-0086#page4.tif

source=ExecutedAssignment-405-0086#page5.tif

source=ExecutedAssignment-405-0086#page6.tif

**PATENT**

**REEL: 038090 FRAME: 0221**

**ASSIGNMENT**

Whereas we, **Francesco Fontanazzi, Francesco Paolini and Fabio Grandi**, with residences and citizenships as indicated below; have made an invention in

**AN APPARATUS AND A METHOD FOR EXTRACORPORAL BLOOD TREATMENT**

Filed: March 19, 2015  
Filed: September 19, 2013

Serial No.: 14/429,435  
Serial No.: PCT/IB2013/058671

and executed an application for Letters Patent of the United States of America based thereon;

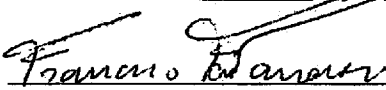
Now, therefore, for good and valuable consideration, receipt and sufficiency of which is acknowledged, we have agreed to assign and transfer and do hereby assign and transfer unto **GAMBRO LUNDIA AB** ("Company"), having its post office address at **P.O. Box 10101, SE-22010 Lund, Sweden** its successors and assigns, the entire right, title, and interest in and to said invention and application, and in and to any division or continuation (in whole or in part) of said application, and in and to any and all improvements in said invention made by us or any of us or made jointly with others (provided any such improvement is made during, or within one year after the termination of, the employment by the Company of whichever of us, solely or jointly with one or more others, has made the same), and in and to any and all Letters Patent, reexaminations, reissues, or extensions thereof, of the United States of America and countries foreign thereto (including the right to apply for Letters 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 invention or improvements thereon, to be held and enjoyed as fully and exclusively as they would have been by us or any of us had this assignment and transfer not been made;

We do further agree for myself and for my heirs, executors, and administrators, to execute and deliver without further consideration any further applications, assignments, and documents, and to perform such other acts as we lawfully may, that may be deemed necessary by the Company, its successors, assigns, and nominees, fully to secure its right, title, and interest as aforesaid and to obtain or maintain Letters Patent, Utility Models, or Inventors' Certificates in any and all countries;

And we do hereby authorize and request the Commissioner of Patents to issue any and all Letters Patent which may be granted upon any of said applications, to **Gambro Lundia AB** as the assignee of the entire right, title, and interest therein.

In witness whereof, we have hereunto signed my name on the day and year set forth below.

Dated this 3 day of APRIL, 2015.

  
\_\_\_\_\_  
**Francesco Fontanazzi**  
Address: No. 47, via Fregni  
I-41100 Modena, Italy  
Citizenship: ITALIAN

Witness Name: \_\_\_\_\_

Witness Signature: \_\_\_\_\_

**Francesco Paolini**

**Address:** No. 229, Strada Forghieri  
41010 Ganaceto, Italy

**Citizenship:** \_\_\_\_\_

**Witness Name:** \_\_\_\_\_

**Witness Signature:** \_\_\_\_\_

**Fabio Grandi**

**Address:** No. 11, Via Lombardia  
47100 Forli, Italy

**Citizenship:** \_\_\_\_\_

**Witness Name:** \_\_\_\_\_

**Witness Signature:** \_\_\_\_\_

ASSIGNMENT

Whereas we, Francesco Fontanazzi, Francesco Paolini and Fabio Grandi, with residences and citizenships as indicated below, have made an invention in

AN APPARATUS AND A METHOD FOR EXTRACORPORAL BLOOD TREATMENT

Filed: March 19, 2015  
Filed: September 19, 2013

Serial No.: 14/429,435  
Serial No.: PCT/IB2013/058671

and executed an application for Letters Patent of the United States of America based thereon.

Now, therefore, for good and valuable consideration, receipt and sufficiency of which is acknowledged, we have agreed to assign and transfer and do hereby assign and transfer unto GAMBRO LUNDIA AB ("Company"), 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 said invention and application, and in and to any division or continuation (in whole or in part) of said application, and in and to any and all improvements in said invention made by us or any of us or made jointly with others (provided any such improvement is made during, or within one year after the termination of, the employment by the Company of whichever of us, solely or jointly with one or more others, has made the same), and in and to any and all Letters Patent, reexaminations, reissues, or extensions thereof, of the United States of America and countries foreign thereto (including the right to apply for Letters 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 invention or improvements thereon, to be held and enjoyed as fully and exclusively as they would have been by us or any of us had this assignment and transfer not been made;

We do further agree for myself and for my heirs, executors, and administrators, to execute and deliver without further consideration any further applications, assignments, and documents, and to perform such other acts as we lawfully may, that may be deemed necessary by the Company, its successors, assigns, and nominees, fully to secure its right, title, and interest as aforesaid and to obtain or maintain Letters Patent, Utility Models, or Inventors' Certificates in any and all countries;

And we do hereby authorize and request the Commissioner of Patents to issue any and all Letters Patent which may be granted upon any of said applications, to Gambro Lundia AB as the assignee of the entire right, title, and interest therein.

In witness whereof, we have hereunto signed my name on the day and year set forth below:

Dated this 14 day of January, 2016

\_\_\_\_\_  
Francesco Fontanazzi  
Address: No. 47, via Fregni  
I-41100 Modena, Italy  
Citizenship: \_\_\_\_\_

Witness Name: \_\_\_\_\_

Witness Signature: \_\_\_\_\_



Francesco Paolini  
Address: No. 229, Strada Forghieri  
41010 Ganaceto, Italy  
Citizenship: \_\_\_\_\_

Witness Name: \_\_\_\_\_

Witness Signature: \_\_\_\_\_

Fabio Grandi  
Address: No. 11, Via Lombardia  
47100 Forlì, Italy  
Citizenship: \_\_\_\_\_

Witness Name: \_\_\_\_\_

Witness Signature: \_\_\_\_\_

ASSIGNMENT

Whereas we, Francesco Fontanazzi, Francesco Paolini and Fabio Grandi, with residences and citizenships as indicated below; have made an invention in

AN APPARATUS AND A METHOD FOR EXTRACORPORAL BLOOD TREATMENT

Filed: March 19, 2015  
Filed: September 19, 2013

Serial No.: 14/429,435  
Serial No.: PCT/IB2013/058671

and executed an application for Letters Patent of the United States of America based thereon;

Now, therefore, for good and valuable consideration, receipt and sufficiency of which is acknowledged, we have agreed to assign and transfer and do hereby assign and transfer unto GAMBRO LUNDIA AB ("Company"), 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 said invention and application, and in and to any division or continuation (in whole or in part) of said application, and in and to any and all improvements in said invention made by us or any of us or made jointly with others (provided any such improvement is made during, or within one year after the termination of, the employment by the Company of whichever of us, solely or jointly with one or more others, has made the same), and in and to any and all Letters Patent, reexaminations, reissues, or extensions thereof, of the United States of America and countries foreign thereto (including the right to apply for Letters 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 invention or improvements thereon, to be held and enjoyed as fully and exclusively as they would have been by us or any of us had this assignment and transfer not been made;

We do further agree for myself and for my heirs, executors, and administrators, to execute and deliver without further consideration any further applications, assignments, and documents, and to perform such other acts as we lawfully may, that may be deemed necessary by the Company, its successors, assigns, and nominees, fully to secure its right, title, and interest as aforesaid and to obtain or maintain Letters Patent, Utility Models, or Inventors' Certificates in any and all countries;

And we do hereby authorize and request the Commissioner of Patents to issue any and all Letters Patent which may be granted upon any of said applications, to Gambro Lundia AB as the assignee of the entire right, title, and interest therein.

In witness whereof, we have hereunto signed my name on the day and year set forth below.

Dated this 3 day of November, 2015.

\_\_\_\_\_  
Francesco Fontanazzi  
Address: No. 47, via Fregni  
I-41100 Modena, Italy  
Citizenship: \_\_\_\_\_

Witness Name: \_\_\_\_\_

Witness Signature: \_\_\_\_\_

\_\_\_\_\_  
Francesco Paolini

Address: No. 229, Strada Forghieri  
41010 Ganaceto, Italy

Citizenship: \_\_\_\_\_

Witness Name: \_\_\_\_\_

Witness Signature: \_\_\_\_\_

  
\_\_\_\_\_  
Fabio Grandi

Address: No. 11, Via Lombardia  
47100 Forlì, Italy

Citizenship: Italian

Witness Name: FRANCESCA MARTINI

Witness Signature: 

PATENT

RECORDED: 03/24/2016

REEL: 038090 FRAME: 0227