

## 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>Steffen WAGNER</td> <td>02/04/2013</td> </tr> <tr> <td>Philipp HERBST</td> <td>02/04/2013</td> </tr> <tr> <td>Bernd KRAUSE</td> <td>02/04/2013</td> </tr> </tbody> </table>		Name	Execution Date	Steffen WAGNER	02/04/2013	Philipp HERBST	02/04/2013	Bernd KRAUSE	02/04/2013
Name	Execution Date								
Steffen WAGNER	02/04/2013								
Philipp HERBST	02/04/2013								
Bernd KRAUSE	02/04/2013								
RECEIVING PARTY DATA									
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Street Address:	Magistratsvagen 16								
City:	Lund								
State/Country:	SWEDEN								
Postal Code:	S-220 10								
PROPERTY NUMBERS Total: 1									
<table border="1"> <thead> <tr> <th>Property Type</th> <th>Number</th> </tr> </thead> <tbody> <tr> <td>PCT Number:</td> <td>EP2011063758</td> </tr> </tbody> </table>		Property Type	Number	PCT Number:	EP2011063758				
Property Type	Number								
PCT Number:	EP2011063758								
CORRESPONDENCE DATA									
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<p>Total Attachments: 4</p> <p>source=PN1307 US BarnesThornburg Patent Assignment#page1.tif</p> <p>source=PN1307 US BarnesThornburg Patent Assignment#page2.tif</p> <p>source=PN1307 US BarnesThornburg Patent Assignment#page3.tif</p> <p>source=PN1307 US BarnesThornburg Patent Assignment#page4.tif</p>									

CH \$40.00 EP2011063758

ASSIGNMENT TO BUSINESS CONCERN

Attorney Docket No.: 52759-223616  
Client Reference No.: PN1307-US

**PATENT ASSIGNMENT**

For good and valuable consideration to each of the undersigned, the receipt and sufficiency of which is hereby acknowledged

Name(s) of Inventor(s) Steffen WAGNER,  
Philipp HERBST, and  
Bernd KRAUSE

maker(s) of an invention which is the subject of an application for Letters Patent of the United States ("Application") entitled

Title of Application DEVICE AND PROCESS FOR TESTING HOLLOW FIBRE MEMBRANE FILTERS

Serial No.: PCT/EP2011/063758  
Filing Date: 08/10/2011 I. F. D.

the undersigned hereby sell(s), assign(s), and set(s) over to

Name of Assignee GAMBRO LUNDIA AB

Address of principal place of business Magistratsvagen 16  
Lund, S-220 10 Sweden

Insert State of Incorporation a corporation of Sweden  
(if applicable) or "Not Applicable"

(hereinafter designated as the Assignee) their entire right, title, and interest in, to, and under the Application, including all priority rights for other countries arising therefrom, all inventions therein disclosed, and any and all Letters Patent of the United States and of all other countries, including Canada, which may be granted for such inventions, or any of them, all such inventions and all rights in such Application and Letters Patent to be held and enjoyed by Assignee for its own use and enjoyment to the full end of the term or terms for which such Letters Patent may be granted, as fully and entirely as the same would have been held and enjoyed by them had this assignment and sale not been made.

The undersigned agree(s) to execute all papers necessary in connection with the application(s) in the United States and foreign countries and any continuing, divisional, or reissue applications thereof, and any reexamination of any of such applications, and also to execute separate assignments in connection with such applications as the Assignee may deem necessary or expedient.

The undersigned agree(s) to execute all papers necessary in connection with any interference which may be declared or litigation concerning the application(s) or continuation, division, reissue, or reexamination thereof, and to cooperate with the Assignee in every way possible in obtaining evidence and going forward with such interference or litigation.

The undersigned agree(s) to execute all papers and documents and perform any act which may be necessary in connection with claims or provisions of the International Convention for Protection of Industrial Property or similar agreements.

ASSIGNMENT TO BUSINESS CONCERN

The undersigned agree(s) to do all other acts which, in the opinion of Assignee, may be necessary or desirable to secure the grant of Letters Patent to Assignee or its nominees, in the United States and in all other countries where Assignee may desire to have such inventions, or any of them, patented, with specifications and claims in such form as shall be approved by Assignee and to vest and confirm in Assignee or its nominees the full and complete legal and equitable title to all such Letters Patent.

The undersigned hereby authorize(s) and request(s) the Commissioner of Patents to issue any and all Letters Patent of the United States resulting from said application(s) or any division or divisions or continuing or reissue applications thereof, and any reexamination of any of such applications, to the said Assignee, as Assignee of Assignors' entire interest, and hereby covenants that the undersigned has full right to convey the interest herein assigned, and that the undersigned has not executed, and will not execute, any agreement in conflict herewith.

The undersigned hereby grant(s) the attorney of record the power to insert on this assignment any further identification which may be necessary or desirable in order to comply with the rules of the United States Patent and Trademark Office for recordation of this document.

IN WITNESS WHEREOF, I have executed this assignment at Hechingen, Germany  
(City and state or country if outside USA)  
this 4<sup>th</sup> day of February, 2013.

Outside the USA: Adelheid Schmidt  
Witnesses are required when acknowledgment before a Notary Public is not feasible.  
Witness Adelheid Schmidt  
Ursula Ehrnberg  
Witness Ursula Ehrnberg

Steffen Wagner  
Inventor (Signature)  
Steffen WAGNER  
Inventor (Printed Name)

IN WITNESS WHEREOF, I have executed this assignment at Heddingen, Germany  
this 4<sup>th</sup> day of February, 2013.  
(city and state or country if outside USA)

Outside the USA:  
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acknowledgment  
before a Notary  
Public is not  
feasible.

Adelheid Schmidt  
Witness Adelheid Schmidt

Ursula Ehrhard  
Witness Ursula Ehrhard

Ph. Herbst  
Inventor (Signature)

Philipp HERBST  
Inventor (Printed Name)

IN WITNESS WHEREOF, I have executed this assignment at Hechingen, Germany  
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Adelheid Schmidt  
Witness Adelheid Schmidt

Grosula Ehlberg  
Witness Grosula Ehlberg

Bernd Krause  
Inventor (Signature)

Bernd KRAUSE  
Inventor (Printed Name)