### PATENT ASSIGNMENT

# Electronic Version v1.1

Stylesheet Version v1.1

SUBMISSION TYPE:			NEW ASSIGNMENT	
NATURE OF CONVE	YANCE:	ASSIGNMENT	ASSIGNMENT	
CONVEYING PARTY	DATA			
		Name	Execution Date	
JAN PETER STERNE	3Y		01/05/2000	
GARY JOEL MISHKI	N		03/21/2000	
PERRY ASBRINK			01/05/2000	
EDDIE NILSSON			01/05/2000	
RECEIVING PARTY D	DATA			
Name:	GAMBRO AB			
Street Address:		2		
Internal Address:	PO BOX 7373			
City:	SE-103 91 STOCKHOLM			
State/Country:	SWEDEN			
PROPERTY NUMBER	RS Total: 3			
Property Type		Number		
Patent Number: 7500		)958		
Application Number: 12399		399792		
Application Number: 12549		2549171		
CORRESPONDENCE	DATA			
Fax Number:(216)579-6073Correspondence will be sent via US Mail when the fax attempt is unsuccessful.Phone:216-579-1700Email:Ihawkins@pearne.comCorrespondent Name:JOHN P. MURTAUGH/PEARNE & GORDON LLPAddress Line 1:1801 EAST 9TH STREET, SUITE 1200Address Line 4:CLEVELAND, OHIO 44114-3108				
ATTORNEY DOCKET NUMBER:		42880US2, US3, US4		
NAME OF SUBMITTER:				
NAME OF SUBMITTE	R:	JOHN P. MURTAUGH	PATENT	

#### ASSIGNMENT TO GAMBRO AB

WHEREAS We, the below named inventors, hereinafter referred to as Assignors, have made an invention entitled:\_\_\_\_\_METHOD AND DEVICE FOR MEASURING ACCESS FLOW \_\_\_\_\_

for which a Provisional Application and for United States Letters Patent was filed on <u>October 23</u>, 19<u>98</u>; Scrial No. <u>60/105,396</u>; identified in the GAMBRO/COBE Patent Department by Docket No. <u>GA-0267-P1</u>; a PCT Application for Letters Patent was filed on <u>October 22</u>, 19<u>99</u>; identified in the GAMBRO/COBE Patent Department by Docket No. <u>GA-0267-P2</u>; and a U.S. Regular Application for United States Letters Patent was filed on <u>October 22</u>, 19<u>99</u>; identified in the GAMBRO/COBE Patent <u>October 22</u>, 19<u>99</u>; identified in the GAMBRO/COBE Patent was filed on <u>October 22</u>, 19<u>99</u>; identified in the GAMBRO/COBE Patent was filed on <u>October 22</u>, 19<u>99</u>; and a U.S. Regular Application for United States Letters Patent was filed on <u>October 22</u>, 19<u>99</u>; Serial No. <u>09/425.124</u>; identified in the GAMBRO/COBE Patent Department by Docket No. <u>GA-0267-P3</u>; and

WHEREAS, GAMBRO AB, a corporation of Sweden whose post office address is Hamngatan 2, P.O. Box 7373, SE-103 91 Stockholm, Sweden (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 provisional application for United States Letters Patent on this invention, all non-provisional applications for Letters Patent on this invention and all the Letters Patent to be issued around the world upon these applications;

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. We, as assignors, 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 provisional application, and all non-provisional applications for Letters Patent which may hereafter be filed for this invention, 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 We hereby anthorize 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, WE HEREBY covenant that We have the full right to convey the interest assigned by this Assignment, and We have not executed and will not execute any agreement in conflict with this Assignment.

AND, WE HEREBY further covenant and agree that WE will, without further consideration, communicate with assignee, its successors, and assigns, any facts known to 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 non-provisional, divisional, continuation, and reissue applications, make all rightful oaths and generally do everything possible to ald 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, We have hereunto set our hands
County of	
State of	) ss.
of	Subscribed and sworn to before me this day
	Notary Public
SEAL	
County of	)
•	) 53.
State of	)
of	Subscribed and swom to before me this day
	Notary Public
SEAL	

DRESS	E-222 32 Lund, Sweden
ST ASSIGNORS SIGNAT	URE C.
Tanu.	are 5 2000
ull NAME OF SECOND ary Joel Mishkin	A8810409, IP ANY
ORESS	anc, Potomac, Maryland 20854 USA

1 of 2

DATE

Attorney Docket No. GA-0267-P3 PATENT REEL: 014237 FRAME: 0642

> PATENT REEL: 025217 FRAME: 0019

Pate 2 of 2



.

2. FULL NAME OF SUCOND ASSIGNCE, I' ANY Perry Asbrink	
Address Lindeborgsgaran 10, SE-215,82 Malmo, Sweden	•
THIND ASSIGNORS SIGNATURE	
DATE James S 2020	

2. FULL NAME OF SECOND ASSIGNOR, IF ANY Eddie Nilsson	
Appress Trustvægan 6. SE-280 10 Sosdaln, Sweden	
Edda Min	
Pare / comils - 2000	

Page 2 of 2

PATENT REEL: 014237 FRAME: 0643

> PATENT REEL: 025217 FRAME: 0020

7-2004 WED 10:44 AM GAMBRO PATENT DEPT LKWD

## ASSIGNMENT TO GAMBRO AB

WHEREAS We the below named inventors, beteingther referred to as Assigners, have made an invention i entitled: METHOD AND DEVICE FOR MEASURING ACCESS FLOW

for which a Provisional Application and for United Stone Letters Potent was filed on No. 60/105.396 ; identified in the GAMBRCVCOBE Patent Department by Docket No. <u>GA-0267-P1</u> ; a PCT Application for Leners Patent was filed on <u>October 22</u>, 19.99 ; identified in the GAMBRC/COBE Patent Department by Docket No. <u>GA-0267-P2</u> ; and a U.S. Regular Application for United States Leners Patent was filed on <u>October 22</u>, 19.99 ; Serial No. <u>09425,124</u> ; identified in the GAMBRC/COBE Patent by Docket No. October 23

WHEREAS, GAMBRO AB, a corporation of Sweden where post office address is Hamogatan 2, P.O. Box 7373, SE-103 91 Stockholm, Sweden (htteinsfler refurned to is Assigner), is desirous of securing the entire right, title, and interest is and to this invention in all countries throughout the world, and in and to the provisional application for United States Letters Patent on this invention, all non-provisional applications for Letters Patent on this invention and all the Letters Patent to be issued around the world upon these applications;

NOW THEREPORE, 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 assignce is hareby schnowledged, We, as assignees, have sold, assigned, transferred, and set over, and do hereby sell, assign, transfer, and set over unto the assigner, its inwful successors and assigns, my/our cuine right, mile, and interest in and to this investion and this provisional application, and all non-provisional applications for Loners Parint which may hereafter be filed for this invention, all divisions and combinations thereof, and all Letters Panint of the Linted Santes which may be granted thereon, and all reissues thereof. and all rights to chains priority on the besis of such application, and all applications for Letters Patent which may hereafter be filed for this investion in any foreign country and all Lenzes Patent which may be granted on this invention in any foreign country, and all extrusions, renewals, and reliables thereast, and We knowly amborize and request the Commissioner of Parents and Trademarks of the United States and any official of any foreign country whose duty it is to issue parents on applications as described above, to have all Letters farmer for this invention to assignce, he successors and attigns, in streadence with the terms of this Assignment;

AND, WE HEREBY coverant that We have the full right to couver the interest assigned by this Assignment, and We have not executed and will not execute any agreement in conflict with thir Assignment.

AND, WE HEREBY further covenant and agree that WE will, without further coasideration, suppressions, with assigned, its spacessors, and assigns, any facts known to us respending this invention, and usaily in any legal proceeding. sign all lawful papers when called upon to do so, execute and deliver any and all papers that may be occasiony or desirable to perfect the title to this invention in said assigner. its accessors and assigns, occase all non-provisional, divisional, continuation, and reissue applications, make all rightful, onthe and generally do everything possible to aid apaignes, its successors and assigns, to obtain and enforce proper astant protection for this invention in the United Stans and any foreign country, it being understood that any expresse incident to the execution of such papers shall be horne by the assigner, its successors and assigns. 

IN TESTIMONY WHEREOF, We have hereinen ser our bands,

County of	Č	I POLE CARE OF STREET, AND THE CONTRACT
Status of	<u>معدد (معرف) محمد (معرف) مح</u>	Jan Poter Stemby
Fat		Spreamogeneer 45, 32-721 52 Lond, Sweden
Subsembed and sworm		100 Chan L
	Noney Public	Jan stormty
EAL		January 5, 2000
Journally of		
		Sary Joel Mishkin
als of		
Subscribed and success	to before me this	4716 Teolorman Laine, Potomic, Maryland 20854 USA Recommendation
f, 19,		The And -
	Notwy Public	March 21), 2000
LAL		March 211, 2000
		- · ·
		•
	1	Attorney Docker No. GA-0267-P3
		Austrief Bocket No. (9A-0287-P3
	· · · · · · · · · · · · · · · · · · ·	
	e	TUTAL P.22
		PATENT

>

• . .

1.1

**RECORDED: 01/07/2004** 

ŧ

## REEL: 014237 FRAME: 0644

**RECORDED: 10/29/2010** 

PATENT REEL: 025217 FRAME: 0021