

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
 Stylesheet Version v1.2

EPAS ID: PAT3635074

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
HHD, LLC	06/16/2011

RECEIVING PARTY DATA

Name:	BAXTER HEALTHCARE SA, SINGAPORE BRANCH
Street Address:	ONE BAXTER PARKWAY
City:	DEERFIELD
State/Country:	ILLINOIS
Postal Code:	60015

PROPERTY NUMBERS Total: 43

Property Type	Number
Patent Number:	5591344
Patent Number:	5630935
Patent Number:	5645734
Patent Number:	5651893
Patent Number:	5658456
Patent Number:	5670050
Patent Number:	5674390
Patent Number:	5674397
Patent Number:	5674404
Patent Number:	5690821
Patent Number:	5690831
Patent Number:	5702606
Patent Number:	5705066
Patent Number:	5707086
Patent Number:	5714060
Patent Number:	5716531
Patent Number:	5725776
Patent Number:	5762782
Patent Number:	5783072
Patent Number:	5788099

PATENT

Property Type	Number
Patent Number:	5788851
Patent Number:	5858239
Patent Number:	5863421
Patent Number:	5932103
Patent Number:	5932110
Patent Number:	6044691
Patent Number:	6132616
Patent Number:	6136201
Patent Number:	6146523
Patent Number:	6153102
Patent Number:	6280634
Patent Number:	6355161
Patent Number:	6691047
Patent Number:	6868309
Patent Number:	7048898
Patent Number:	D383842
Patent Number:	D395085
Patent Number:	D395517
Patent Number:	D403079
Patent Number:	D435646
Patent Number:	D435647
Patent Number:	D435648
Patent Number:	D435649

CORRESPONDENCE DATA

Fax Number: (312)913-0002

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.

Phone: 3129130001

Email: docketing@mbhb.com

Correspondent Name: MCDONNELL BOEHNEN HULBERT & BERGHOFF LLP

Address Line 1: 300 SOUTH WACKER DRIVE

Address Line 2: SUITE 3100

Address Line 4: CHICAGO, ILLINOIS 60606

ATTORNEY DOCKET NUMBER:	BAXTER
NAME OF SUBMITTER:	EMILY MIAO
SIGNATURE:	/Emily Miao/
DATE SIGNED:	11/30/2015

Total Attachments: 22

source=HHD_Assignment#page1.tif
source=HHD_Assignment#page2.tif
source=HHD_Assignment#page3.tif
source=HHD_Assignment#page4.tif
source=HHD_Assignment#page5.tif
source=HHD_Assignment#page6.tif
source=HHD_Assignment#page7.tif
source=HHD_Assignment#page8.tif
source=HHD_Assignment#page9.tif
source=HHD_Assignment#page10.tif
source=HHD_Assignment#page11.tif
source=HHD_Assignment#page12.tif
source=HHD_Assignment#page13.tif
source=HHD_Assignment#page14.tif
source=HHD_Assignment#page15.tif
source=HHD_Assignment#page16.tif
source=HHD_Assignment#page17.tif
source=HHD_Assignment#page18.tif
source=HHD_Assignment#page19.tif
source=HHD_Assignment#page20.tif
source=HHD_Assignment#page21.tif
source=HHD_Assignment#page22.tif

PATENT ASSIGNMENT

WHEREAS, HHD, LLC, (hereinafter "Assignor"), a Delaware limited liability company having a business address of 340 Commercial Street, Manchester, New Hampshire 03101, owned certain right, title and interest in and to the inventions disclosed in the patent applications and patents on the schedule attached hereto and incorporated herein by reference as Exhibit A and in and to such patent applications and such patents;

WHEREAS, pursuant to that certain Asset Purchase Option Agreement dated as of August 3, 2007, as amended by that certain First Amendment to Asset Purchase Option Agreement dated as of February 13, 2009 ("Asset Purchase Option Agreement") between Assignor and Baxter Healthcare SA, Singapore Branch (hereinafter "Assignee"), a corporation organized under the laws of Switzerland, having a business address of One Baxter Parkway, Deerfield, Illinois 60015, USA, Assignor has sold, assigned and transferred to Assignee all of its right, title and interest in and to the patents and patent applications set forth on Exhibit A;

WHEREAS, Assignor is executing this Patent Assignment to confirm and acknowledge for recording purposes that it has assigned and transferred all of its right, title and interest in and to the patents and patent applications set forth on Exhibit A to Assignee pursuant to the Asset Purchase Option Agreement;

NOW, THEREFORE, Assignor hereby acknowledges and confirms that, for good and valuable consideration, receipt of which is hereby acknowledged, Assignor has sold, assigned and transferred to Assignee, its successors and assigns, its entire right, title and interest in and to such inventions, such patent applications and such patents and any patents, and any reissues and extensions thereof, which issue or have issued in any country upon patent applications which correspond with any of such applications or patents or any divisional, continuation-in-whole, or continuation-in-part thereof, including the right to sue for past, present and future infringement and the right to all proceeds related to such infringement actions; the same to be held and enjoyed by Assignee for its own use, and for the use of its legal representatives, to the full term for which such patents have been granted as fully and entirely as the same would have been held by Assignor had such assignment not been made.

For good and valuable consideration, receipt of which is hereby acknowledged, Assignor does hereby further covenant and agree that it will not execute any writing or do any act whatsoever conflicting with these presents, and that Assignor will at any time upon reasonable request without further additional consideration, but at the expense of Assignee, its successors and assigns, use reasonable best efforts to execute such additional writings and do such additional acts as Assignee, its successors and assigns, may determine as necessary or desirable in the enjoyment of such grant, and in any proceedings or transactions involving such inventions, patent applications or patents.

IN WITNESS WHEREOF, Assignor has caused this Patent Assignment to be executed as of the date indicated below.

HHD, LLC

By: Brendan J. Duffy Date June 16, 2011
Name: Brendan J. Duffy
Address: 340 Commercial St, Manchester, NH 03101
Title: Secretary/Treasurer

CERTIFICATE OF ACKNOWLEDGMENT

STATE OF New Hampshire
COUNTY OF Hillsborough

Before me, the undersigned, a Notary Public in and for the county aforesaid, on this 16th day of June, 2011, Brendan J. Duffy personally appeared and who being by me duly sworn, deposes and says that he is the Secretary/Treasurer of HHD, LLC and that he/she is authorized to sign and has signed the foregoing instrument as such Secretary/Treasurer for HHD, LLC and that he/she acknowledges such signing to be the free act and deed of HHD, LLC.



Carol A. Kenney
Notary Public

My Commission Expires: 3/24/15

WITNESS OF EXECUTION BY ASSIGNOR

Witness #1 Signature: <u>Kevin D. Mando</u> Name: <u>Kevin D. Mando</u> Address: <u>Bow NH</u>	Witness #2 Signature: <u>Heather Woods</u> Name: <u>Heather Woods</u> Address: <u>Manchester, NH</u>
<p align="center"><u>NOTARIZATION OF WITNESS</u></p> STATE OF <u>New Hampshire</u> COUNTY OF <u>Hillsborough</u> Before me, the undersigned, a Notary Public in and for the county aforesaid, on this <u>16th</u> day of June, 2011, <u>Kevin D. Mando</u> personally appeared and who being by me duly sworn, deposes and says that he has witnessed the execution of this Assignment by the _____ of HHD, LLC and that he/she acknowledges such signing to be his/her free act and deed. <u>Carol A. Kenney</u> Notary Public My Commission Expires: <u>3/24/15</u> (seal)	<p align="center"><u>NOTARIZATION OF WITNESS</u></p> STATE OF <u>New Hampshire</u> COUNTY OF <u>Hillsborough</u> Before me, the undersigned, a Notary Public in and for the county aforesaid, on this <u>16th</u> day of June, 2011, <u>Heather Woods</u> personally appeared and who being by me duly sworn, deposes and says that he has witnessed the execution of this Assignment by the _____ of HHD, LLC and that he/she acknowledges such signing to be his/her free act and deed. <u>Carol A. Kenney</u> Notary Public My Commission Expires: <u>3/24/15</u> (seal)



DECLARATION OF ACCEPTANCE BY ASSIGNEE

The above named Assignee, Baxter Healthcare SA, Singapore Branch, hereby declares that with effect from this ____ day of June, 2011, it accepts the patents, including all goodwill of the business symbolized by such patents including all rights to recover past, present and future damages for infringement, assigned to it by Assignor, HHD, LLC, pursuant to the foregoing Patent Assignment.

BAXTER HEALTHCARE SA, SINGAPORE BRANCH

By:  _____

Date: June ____, 2011

Name:

Address:

Title:

Stuart Edgley
VP EMEA Finance
Baxter Healthcare SA

APPENDIX A
ASSIGNED PATENTS AND APPLICATIONS

Appendix A consists of the following parts:

Appendix A-1 – United States Patents/Applications

Appendix A-2 – Australian Patents/Applications

Appendix A-3 – Brazilian Patents/Applications

Appendix A-4 – Canadian Patents/Applications

Appendix A-5 – European Patents/Applications

Appendix A-6 – Japanese Patents/Applications

Appendix A-7 – Mexican Patents/Applications

APPENDIX A-1
 UNITED STATES
 PATENTS AND APPLICATIONS
 ISSUED PATENTS

Patent No.	Issue Date	Application No.	Date Filed	Named Inventors	Title
7,883,725	2/8/2011	12/474,658	5/29/2009	Shah, Dilip H. and Ing, Todd	Citrate-Based Dialysate Chemical Formulations
7,544,301	6/9/2009	10/921,677	8/19/2004	Shah, Dilip H. and Ing, Todd	Citrate-Based Dialysate Chemical Formulations
7,048,898	5/23/2006	09/868,580	12/21/1999	Moriyama, Naohiko, et al	Apparatus For Preparing A Medical al. Patient For A Medical Procedure
6,868,309	3/15/2005	09/961,735	09/24/2001	Begelman, Jamie	Dialysis Machine With Symmetric Multi-Processing (SMP) Control System And Method Of Operation
6,691,047	2/10/2004	091527,327	03/16/2000	Fredricks, Chris N.	Calibration Of Pumps, Such As Blood Pumps Of Dialysis Machines
6,355,161	3/12/2002	09/549,897	04/14/2000	Shah, Dilip H., et al.	Bottles For Dialysis Machines And Methods For Automatically Identifying Such Bottles
6,280,634	8/28/2001	09/590,812	06/09/2000	Shah, Dilip H., et al.	Method Of Determination Of System Volume Of Dialysis Machine
6,153,102	1/28/2000	09/236,764	01/25/1999	Kenley, Rodney S. and Wiebenson, Derek	Disinfection Of Dead-Ended Lines Of Dialysis Machine
6,146,523	11/14/2000	09/128,185	08/03/1998	Kenley, Rodney S., et al.	User Interface And Method For Control Of Medical Instruments, Such As Dialysis Machines

REDACTED

Patent No.	Issue Date	Application No.	Date Filed	Named Inventors	Title
6,136,201	10/24/2000	09/186,501	11/04/1998	Shah, Dilip H., et al	Method Of Preparation Of A Batch Of Physiologic Solution
6,132,616	10/17/2000	08/335,102	11/7/1994	Twardowski, Zbylut, J. and Kenley, Rodney S.	Artificial Kidney For Frequent (Daily) Hemodialysis
5,336,165	8/9/1994	07/748,036	8/21/1991	Twardowski, Zbylut, J. (et al.)	Artificial Kidney for frequent (daily) Hemodialysis (To the extent Aksys/Durus has any rights to such patent)
6,146,536	11/14/2000	09/290,151	4/12/1999	Twardowski, Zbylut, J. (et al)	Method of preparing a batch of dialysis solution (To the extent Aksys/Durus has any rights to such patent)
6,146,536	11/14/2000	09/290,151	4/12/1999	Twardowski, Zbylut, J. (et al)	Method of preparing a batch of dialysis solution (To the extent Aksys/Durus has any rights to such patent)
5,484,397	1/16/1996	07/155,993	11/22/1993	Twardowski, Zbylut, J. (et al)	Artificial kidney for frequent (daily) Hemodialysis (To the extent Aksys/Durus has any rights to such patent)
5,902,476	5/11/1999	08/829,537	3/28/1997	Twardowski, Zbylut, J. (et al)	Artificial kidney for frequent (daily) Hemodialysis (To the extent Aksys/Durus has any rights to such patent)
6,044,691	4/25/2000	09/140,483	08/26/1998	Kenley, Rodney S., et al.	Tubing Integrity Tests For Extracorporeal Circuits
5,932,110	8/3/1999	08/762,072	12/09/1996	Shah, Dilip H. and Feldstein, Thomas M.	Conductivity Adjustment In Batch Dialysate Preparation System
5,932,103	8/3/1999	08/938,111	09/26/1997	Kenley, Rodney S. and Schroeder, Christine F.	Withdrawal Of Priming Solution From Extracorporeal Circuit
5,863,421	1/26/1999	08/929,943	09/15/1997	Peter, Jr., Fredrick H., et al	System For Priming Dialyzer

Patent No.	Issue Date	Application No.	Date Filed	Named Inventors	Title
5,858,239	1/12/1999	08/799,227	02/14/1997	Kenley, Rodney S., et al	Methods For Adjustment Of Blood Drip Chamber Level Of Dialysis Machines
5,788,851	8/4/1998	08/800,405	02/14/1997	Kenley, Rodney S., et al.	User Interface And Method Of Control Of Medical Instruments, Such As Dialysis Machines
5,788,099	8/4/1998	08/660,694	06/05/1996	Treu, Dennis M.	Vessel For Containing Batch Quantities Of Dialysate Chemicals
5,783,072	7/21/1998	08/842,184	04/23/1997	Kenley, Rodney S., et al.	Lightweight Noncompliant Dialysate Solution Tank
5,762,782	6/9/1998	08/895,385	07/16/1997	Kenley, Rodney S., et al.	Water Treatment For Dialysate Preparation
5,125,776	3/10/1998	08/560,334	03/01/1996	Kenley, Rodney S., et al.	Methods For Ultrafiltration Control In Hemodialysis
5,716,531	2/10/1998	08/893,125	07/15/1997	Kenley, Rodney S., et al.	Method For Determining Sodium Clearance Of Dialyzer
5,714,060	2/3/1998	08/707,509	09/04/1996	Kenley, Rodney S., et al.	Disinfection Of Arterial And Venous Line Connectors Of Dialysis Machine
5,707,086	1/13/1998	08/559,834	03/14/1996	Kenley, Rodney S., et al.	Tubing Connectors And Ports For Receiving The Connectors
5,705,066	1/6/1998	08/558,215	04/16/1996	Treu, Dennis and Walker, Donald C.	Apparatus For Opening A Vessel
5,702,606	12/30/1997	08/560,439	11/17/1995	Peter, Jr., Fredrick H., et al	Method Of Priming Dialyzer
5,690,831	11/25/1997	08/559,124	11/17/1995	Kenley, Rodney S., et al.	Method For Rinsing Back Blood To A Hemodialysis Patient
5,690,821	11/25/1997	08/560,305	11/17/1995	Kenley, Rodney S., et al.	Apparatus For Supplying A Batch Of Chemicals To A Dialysate Tank
5,674,404	10/7/1997	08/558,213	04/30/1996	Kenley, Rodney S., et al.	Filter Integrity Test Method For Dialysis Machines
5,674,397	10/7/1997	08/559,933	February 5, 1996	Pawlak, Kenneth E. and Wroblewski, Steven J.	Debubblers

Patent No.	Issue Date	Application No.	Date Filed	Named Inventors	Title
5,674,390	10/7/1997	08/560,502	03/01/1996	Mathews, Dawn and Treu, Dennis	Dialysis Machine With Leakage Detection
5,670,050	9/23/1997	08/560,335	11/17/1995	Brose, Tom L.	Method For Detection Of Leakage Of Blood
5,658,456	8/19/1997	08/559,148	11/17/1995	Kenley, Rodney S., et al.	Batch Chemical Vessel With Machine Readable Indicator
5,651,893	7/29/1997	08/582,137	01/02/1996	Kenley, Rodney S. and Treu, Dennis	Disinfection Of Dialysis Machines
5,645,734	7/8/1997	08/559,090	02/23/1995	Kenley, Rodney S., et al.	Dialysate Separation Method
5,630,935	5/20/1997	08/560,017	11/17/1995	Treu, Dennis	Pressure Relief Device With Sample Removal Port
5,591,344	1/7/1997	08/388,275	02/13/1995	Kenley, Rodney S., et al.	Hot Water Disinfection Of Dialysis Machines, Including The Extracorporeal Circuit Thereof
D403,079	12/22/1998	D/080,688	12/12/1997	Pawlak, Kenneth E. et al	Chemical Vessel
D383,842	9/16/1997	D/052,303	4/1/1996	Kenley, Rodney S., et al.	Dialysis Machine
D435,649	12/26/2000	D/112,250	10/12/1999	Shah, Dilip H. et al.	Bottles For Dialysis Machine
D435,648	12/26/2000	D/112,249	10/12/1999	Shah, Dilip H. et al	Bottles For Dialysis Machine
D435,647	12/26/2000	D/112,244	10/12/1999	Shah, Dilip H. et al	Bottles For Dialysis Machine
D435,646	12/26/2000	D/112,243	10/12/1999	Shah, Dilip H. et al	Bottles For Dialysis Machine
D395,517	6/23/1998	D/057,448	7/25/1996	Pawlak, Kenneth E.	Chemical Vessel
D395,085	6/9/1998	D/070,062	4/25/1997	Kenley, Rodney S., et al	Dialysis Machine

APPENDIX A-1 (CONTINUED)

UNITED STATES

PATENTS AND APPLICATIONS

PENDING APPLICATIONS

Patent No.	Issue Date	Application No.	Date Filed	Inventors	Title
Pending	Pending	13/007,863	01/17/2011	Shah, Dilip H. and Ing, Todd	Citrate-Based Dialysate Chemical Formulations
Pending	Pending	11/824,322	6/27/2008	Rodney S. Kenley	Devices, Systems and Methods for Cleaning, Disinfecting, Rinsing, and Priming Blood Separation Devices and Associated Fluid Lines Acquired pursuant to Assignment Agreement between Rodney S. Kenley and HHD.

APPENDIX A-2
 AUSTRALIAN
 PATENTS AND PATENT APPLICATIONS

ISSUED PATENTS

Patent No.	Application No.	Date Filed	Inventors	Title
698,545	199644449	9/2/1996	Kenley, Rodney S., et al	Modular Home Dialysis System
759,206	200016907	12/21/1999	Moriyama, Naohiko	An Apparatus for Preparing a Fluid for a Medical Procedure

APPLICATIONS

Patent No.	Application No.	Date Filed	Inventors	Title
	2003212044	7/10/2003	Deguchi, Tsuneo, et al.	An Apparatus for Preparing a Fluid for a Medical Procedure
	200016907	12/21/1999	Moriyama, Naohiko	An Apparatus for Preparing a Fluid for a Medical Procedure
	199914618	11/17/1998	Kenley, Rodney S., et al	Blood Tubing Integrity Test for Extracorporeal Circuits
	199893927	9/11/1998	Kjellstand, Carl M	Blood Line Separation Warning Device for Extracorporeal Circuits
	199740566	2/14/1997	Kenley, Rodney S., et al	Dialysis Machine with Touch Screen User Interface
	199739766	9/11/1996	Kenley, Rodney S., et al	Batch Quantity Dialysate Chemical Formulations
	199649779	2/13/1995	Kenley, Rodney S.	Modular Home Dialysis System

REDACTED

APPENDIX A-3
BRAZILIAN
PATENTS AND PATENT APPLICATIONS
APPLICATIONS

Patent No.	Issue Date	Application No.	Date Filed	Inventors	Title
Pending	Pending	PI0813462-6	6/27/2008	Rodney S. Kenley	Devices, Systems and Methods for Cleaning, Disinfecting, Rinsing, and Priming Blood Separation Devices and Associated Fluid Lines Acquired pursuant to Assignment Agreement between Rodney S. Kenley and HHD.

REDACTED

APPENDIX A-4
CANADIAN
PATENTS AND PATENT APPLICATIONS

ISSUED PATENTS

Patent No.	Issue Date	Date Filed	Title	Inventors
2,168,629	11/23/1999	02/01/1996	Hot Water Disinfection of Dialysis Machines	Kenley, Rodney S., et al
2,271,583	04/09/2002	02/01/1996	Separation of Dialysate in Tank	Matthew, Dawn, et al.
2,271,586	05/14/2002	02/01/1996	Methods of Determining Sodium Clearance of Dialyzer	Peter Jr., Fredrick H., et al.
2,271,595	05/06/2003	02/01/1996	Method of Priming Dialyzer	Peter Jr., Fredrick H., et al.
2,271,598	06/11/2002	02/01/1996	Modular Home Dialysis System/Withdrawal of Priming Solution from EC	Brose, Tom L., et al.
2,274,533	7/02/2002	08/12/1997	Dialysis Machine with Touch Screen User Interface	Barrett, Shawn O., et al.

APPLICATIONS

Application No.	Issue Date	Date filed	Title	Inventors
2,356,365		12/21/1999	An Apparatus for Preparing Fluid for a Medical Procedure	Imia, Ken et al.
2,691,655		12/22/2009	Devices, Systems and Methods for Cleaning, Disinfecting, Rinsing, and Priming Blood Separation Devices and Associated Fluid Lines	Rodney S. Kenley Acquired pursuant to Assignment Agreement between Rodney S. Kenley and HHD.

REDACTED

APPENDIX A-5

EUROPEAN PATENT OFFICE
 PATENTS AND PATENT APPLICATIONS

EUROPEAN PATENT OFFICE

Patent No.	Issue Date	Application No.	Date Filed	Title
EP0959980	6/29/2005	EP199793817.9	08/12/1997	Dialysis Machines With Touch Screen User Interface
EP1025427	3/21/2007	EP1998958614.4	11/17/1998	Blood Tubing Set Integrity Tests For Extracorporeal Circuits
EP0846470	8/24/2003	EP1997121592.6	12/08/1997	Dialysate Conductivity Adjustment In A Batch Dialysate Preparation System
EP1457219		EP200414467 A	12/21/1999	Cutter For Partially Cutting A Membrane
EP1140251	7/21/2004	EP1999959932A	12/21/1999	Opener For Opening The Membrane Of A Medicament Vessel
		EP08781058.6	1/13/2010	Devices, Systems and Methods for Cleaning, Disinfecting, Rinsing, and Priming Blood Separation Devices and Associated Fluid Lines Acquired pursuant to Assignment Agreement between Rodney S. Kenley and HHD.

FRANCE

Patent No.	Issue Date	Application No.	Date Filed	Title
0959980	6/29/2005	199793817.9	08/12/1997	Dialysis Machines With Touch Screen User Interface
EP1025427	3/21/2007	EP1998958614.4	11/17/1998	Blood Tubing Set Integrity Tests For Extracorporeal Circuits

REDACTED

APPENDIX A-4

EUROPEAN PATENT OFFICE

ISSUED PATENTS AND PENDING PATENT APPLICATIONS

GERMANY

Patent No.	Issue Date	Application No.	Date Filed	Title
0959980	6/29/2005	1997938177.9	08/12/1997	Dialysis Machines With Touch Screen User Interface
19605260	4/3/2008	19605260.2	2/13/1996	Dialysis Machines With Touch Screen User Interface
19655223	3/6/2008	19655223.0	2/13/1996	Dialysis Machines With Touch Screen User Interface
19655225	3/6/2008	19655225.7	2/13/1996	Dialysis Machines With Touch Screen User Interface
19655226	1/15/2009	19655226.5	2/13/1996	Dialysis Machines With Touch Screen User Interface
19655227	8/27/2009	19655227.3	2/13/1996	Dialysis Machines With Touch Screen User Interface
19655230	4/2/2009	19655230.3	2/13/1996	Dialysis Machines With Touch Screen User Interface
0846470	9/24/2003	69725104.7	12/8/1997	Dialysate Conductivity Adjustment in a Batch Dialysate Preparation System
10112848	9/11/2008	10112848.7	3/16/2001	Calibration of Pumps, Such as Blood Pumps of Dialysis Machines
DE102005035472A1		DE 102005035472A	07/28/2005	Chemische Dialysatformulierungen Auf Citratbasis
DE 19655224	11/16/2006	DE 19655224A	02/13/1996	Dialysattrennung In Einem Modularen Heimdialysesystem

APPENDIX A-4
 EUROPEAN PATENT OFFICE
 ISSUED PATENTS AND PENDING PATENT APPLICATIONS
 GERMANY (CONTINUED)

Patent No.	Issue Date	Application No.	Date Filed	Title
DE69733669T2		DE69733669A	08/12/1997	Dialysemaschinen Mit Einem BerOhrungsempfindlichen Bildschirm Als Benutzerschnittstelle
DE69733669CO				Dialysemaschinen Mit Einem BerOhrungsempfindlichen Bildschirm Als Benutzerschnittstelle
DE69725104T2		DE69725104A	12/08/1997	Batch Dialysate Conductivity Adjustment In A Batch Dialysate Preparation System
DE69725104CO			12/06/1997	Justierung Der Dialysatsleitf Higkeit In Einem Chargenweisen Dialysatsherslellungsverfahren
DE10112848A1		DE10112848A	03/16/2001	Pump Operating Method For Blood Pump Of Dialysis Apparatus By Calibrating Flow-Rate While Inlet Pressure Is At Average Pressure
DE19605260A1		DE19605260.2	01/31/2001	Modulares Heimdialysesystem
DE102005020941A1		DE 1 02005020941 A	05/04/2005	Verfahren Zum Aufbringen Eines Trennmittels Auf Eine Form
DE69918860T2		DE69918860A	12/21/1999	Offner Zum Offnen Der Membrane Eines Medikamentenbehalters
DE69918860CO			12/21/1999	Offner Zum Offnen Der Membrane Eines Medikamentenbehalters

APPENDIX A-4

EUROPEAN PATENT OFFICE

ISSUED PATENTS AND PENDING PATENT APPLICATIONS

ITALY

Patent No.	Issue Date	Application No.	Date Filed	Title
0959980	6/29/2005	97938177.9	8/12/1997	Dialysis Machines With Touch Screen User Interface
1025427	3/21/2007	1998958614.4	11/17/1998	Blood Tubing Set Integrity Tests For Extracorporeal Circuits

SWEDEN

Patent No.	Issue Date	Application No.	Date Filed	Title
1025427	3/21/2007	1998958614.4	11/17/1998	Blood Tubing Set Integrity Tests For Extracorporeal Circuits

APPENDIX A-4
 EUROPEAN PATENT OFFICE
 ISSUED PATENTS AND PENDING PATENT APPLICATIONS
 UNITED KINGDOM

Patent No.	Issue Date	Application No.	Date Filed	Title
0959980	6/29/2005	1997938177.9	8/12/1997	Dialysis Machines With Touch Screen User Interface
0846470	9/24/2003	69725104.7	12/8/1997	Dialysate Conductivity Adjustment in a Batch Dialysate Preparation System
GB2,229,066				Hot Water Disinfection of Dialysis Machines
GB2,310,602	07/08/1998	GB9705433.2	02/13/1996	Disinfection Manifold Port Construction
GB2,310,615	04/15/1998	GB9705393.8	02/13/1996	Dialysate Separation Method
GB2,310,617	04/08/1998	GB9706343.2	02/13/1996	Dialysate Filter Integrity Test for Dialysate Machines
GB2,310,616	04/08/1998	GB9706342.4	02/13/1996	Withdrawal of Priming Fluid for Extracorporeal Circuit
GB2,310,618	03/9/1997	GB9706344.0	02/13/1996	Sodium Clearance Test Method for Dialysis Machines
GB2,299,026	12/22/1998	GB9602941.8	02/13/1996	Modular Home Dialysis System
GB2,367,594	09/17/2002	GB0106638.0	03/16/2001	Calibration of Pumps, Such as Blood Pumps for Dialysis Machines
GB2,320,210	11/25/1998	GB9802830.1	02/13/1996 -	Automatic Priming
GB2,320,209	10/27/1998	GB9802831.9	02/13/1996	Cassette Debubbler
D2,059,590				
		GB0517038.6	08/19/2005	Citrate-Based Dialysate Chemical Formulations

APPENDIX A-6
JAPANESE
PATENTS AND APPLICATIONS

MBHB Docket No.	Publication No.	Patent No.	Issue Date	App No.	File Date	Title	Inventors
				2010-515165	1/4/2010	Devices, Systems and Methods for Cleaning, Disinfecting, Rinsing, and Priming Blood Separation Devices and Associated Fluid Lines Acquired pursuant to Assignment Agreement between Rodney S. Kenley and HHD.	Rodney S. Kenley
	JP2006-056873			2005-153448	05/06/2005	Chemical Preparation for Dialysis Using Citrate Salt as Base	Shah Dilip H. and Ing Todd
94-1230-PP1	JP2004-000479	JP03834553	7/28/2006	2003-29641	02/06/2003	Modular Type Home Dialysis System	Kenley, Rodney S., et al
	JP2003-245344			2003-029402	02/09/1996	Modular Type Home Dialysis System	Kenley, Rodney S., et al
94-1230-PP4	JP2003-235966	JP03802494	5/12/2006	2003-029462	2/6/2003	Modular Type Home Dialysis System / Dialyzer Clearance Test	Kenley, Rodney S., et al
94-1230-PP2	JP2003-235965	JP03802495	5/12/2006	2003-029540	2/6/2003	Modular Type Home Dialysis System / Dialyzer Integrity Test	Kenley, Rodney S., et al

REDACTED

MBHB Docket No.	Publication No.	Patent No.	Issue Date	App No.	File Date	Title	Inventors
94-1230-PP3	JP2003-235963	JP03802496	5/12/2006	2003-029601	02/09/1996	Modular Type At-Home Artificial Dialysis System	Kenley, Rodney S., et al
94-1230-PP6	JP2003-235961	JP03834552	7/28/2006	2003-29320	2/19/1996	Modular Type At-Home Artificial Dialysis System	Kenley, Rodney S., et al
	JP2003-199821			2003-029352	02/09/1996	Modular Type Home Dialyzing System	Kenley, Rodney S., et al
	JP2003-199819			2003-030963	02/09/1996	Modular Type At-Home Artificial Dialysis System	Kenley, Rodney S., et al
94,1230-PP8	JP2003-199819	JP03802497	5/12/2006	2003-030963	9/22/2003	Modular Type At-Home Artificial Dialysis System	Kenley, Rodney S., et al
97,747-B1	JP2003-175101	JP03732820	10/21/2005	2002-296987	11/17/1998	Method for Testing Perfectness of Blood Tube Set for Extracorporeal Circuit/ Blood Set Tube Integrity Test for Extracorporeal Circuit	
94,1230-PP5	JP2003-029352	JP03802493	5/12/2006	2003-29352	02/06/2003	Modular Type Home Dialysis System	Kenley, Rodney S., et al
	JP20013-46869			2001-117443	04/16/2001	Bottle, Kit, Medicine filling Device and Identifying Method	Shah Dilip H., et al
99,986-C	JP2001-276214	JP03581323	7/30/2004	2001-76796	03/16/2001	Calibration Method and Control Method	Fredericks Chris N.
	JP2000-176007			1998-362828	12/21/1998	Dialyzing Fluid Preparing Device	Moriyama, Naohiko
	JP09-000618			1996-025705	02/13/1996	Artificial Kidney Apparatus	Kenley et al
97,747-B	2000-567928	JP03393861	1/31/2003	2005-067928	11/17/1998	Blood Tube Set Integrity Tests for Extracorporeal Circuits	

MBHB Docket No.	Publication No.	Patent No.	Issue Date	App No.	File Date	Title	Inventors
96,965-B	1998-201842/10-201842	JP03025669	1/21/2000	1997-337214/09-337214	12/08/1997	Method for Adjusting Electric Conductivity of Dialyzate Batch of Dialysis Apparatus and Apparatus Therefor	Shah Dilip H. and Feldsein Thomas M.
94,123 0-GGG		JP03441295	3/20/2003	10-535701	8/12/1997	User Interface and Method for Control of Dialysis Machines	
95.111 8-E		JP DI,018,609				Japanese Design Registration for Dialysis Machine	
99,570 -E1		JP DI,114,580	5/11/2001	D2000-9564	4/12/2000	Japanese Design Registration for Dialysis Bottles	
99,570 -E2		JP DI,114,984	5/11/2001	D2000-9564	4/12/2000	Japanese Design Registration for Dialysis Bottles	
99,570 -E3		JP DI,114,985	5/11/2001	D2000-9564	4/12/2000	Japanese Design Registration for Dialysis Bottles	
99,570 -E4		JP DI,114,986	5/11/2001	D2000-9564	4/12/2000	Japanese Design Registration for Dialysis Bottles	

APPENDIX A-7
MEXICAN
PATENTS AND PATENT APPLICATIONS
APPLICATIONS

Patent No.	Issue Date	Application No.	Date Filed	Inventors	Title
Pending	Pending	PI0813462-6	6/27/2008	Rodney S. Kenley	Devices, Systems and Methods for Cleaning, Disinfecting, Rinsing, and Priming Blood Separation Devices and Associated Fluid Lines Devices, Systems and Methods for Cleaning, Disinfecting, Rinsing, and Priming Blood Separation Devices and Associated Fluid Lines

REDACTED