PATENT ASSIGNMENT

Electronic Version v1.1 Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
Richard B. Peterson	08/06/2010
Hailei Wang	08/23/2010
Robbie Ingram-Goble	08/09/2010
Luke W. Fisher	08/10/2010
Anna E. Garrison	08/23/2010
M. Kevin Drost	08/23/2010
Goran Jovanovic	08/20/2010
Richard Todd Miller	08/23/2010
Bruce Johnson	08/23/2010
Alana Warner-Tuhy	08/23/2010
Eric Anderson	08/23/2010

RECEIVING PARTY DATA

Name:	State of Oregon acting by and through the State Board of Higher Education on behalf of Oregon State University
Street Address:	312 Kerr Administration Building
City:	Corvallis
State/Country:	OREGON
Postal Code:	97331

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	12795444

CORRESPONDENCE DATA

Fax Number: (503)595-5301

Correspondence will be sent via US Mail when the fax attempt is unsuccessful.

Phone: 503-595-5300

Email: julie.morgan@klarquist.com

PATENT REEL: 024983 FRAME: 0237 12795444

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Correspondent Name: Stacey C. Slater/Julie Morgan

Address Line 1: 121 S.W. Salmon Street, Suite 1600

Address Line 4: Portland, OREGON 97204

ATTORNEY DOCKET NUMBER: 245-85407-01

NAME OF SUBMITTER: Stacey C. Slater

Total Attachments: 8

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> PATENT REEL: 024983 FRAME: 0238

ASSIGNMENT

WHEREAS, we, Julie Wrazel, of Portland, Oregon; James R. Curtis, of Portland, Oregon; Ladislaus Nonn, of Portland, Oregon; Richard B. Peterson, of Corvallis, Oregon; Hailei Wang, of Corvallis, Oregon; Robbie Ingram-Goble, of Corvallis, Oregon; Luke W. Fisher, of Corvallis, Oregon; Anna E. Garrison, of Philomath, Oregon; M. Kevin Drost, of Corvallis, Oregon; Goran Jovanovic, of Corvallis, Oregon; Richard Todd Miller, of Corvallis, Oregon; Bruce Johnson, of Corvallis, Oregon; Alana Warner-Tuhy, of Corvallis, Oregon; and Eric Anderson, of Corvallis, Oregon, have invented a certain invention as described in U.S. Patent Application No. 12/795,444, filed on June 7, 2010, entitled "Dialysis System;"

WHEREAS, State of Oregon Acting By and Through the State Board of Higher Education on Behalf of Oregon State University, a corporation organized under the laws of the State of Oregon, having a place of business at 312 Kerr Administration Building, Corvallis, Oregon, 97331, desires to acquire an interest therein:

NOW, THEREFORE, for good and valuable consideration, the receipt of which is hereby acknowledged, we, Richard B. Peterson, Hailei Wang, Robbie Ingram-Goble, Luke W. Fisher, Anna E. Garrison, M. Kevin Drost, Goran Joyanovic, Richard Todd Miller, Bruce Johnson, Alana Warner-Tuhy and Eric Anderson hereby sell, assign and transfer to State of Oregon Acting By and Through the State Board of Higher Education on Behalf of Oregon State University, the full and exclusive right, title and interest in and to said invention, patent application and patent rights throughout the world, including foreign patent priority rights, the right to file and prosecute International Applications under the Patent Cooperation Treaty, and the right to file and prosecute applications under the European Patent Convention; said invention, patent application and letters patent in this or any foreign country, and all divisions, continuations, reissues and extensions thereof, to be held and enjoyed by State of Oregon Acting By and Through the State Board of Higher Education on Behalf of Oregon State University, for its own use and benefit, and for its successors and assigns to the full end of the term for which letters patent may be granted the United States or any foreign country, as fully and entirely as the same would have been held by us had this assignment and sale not been made, and covenant that we have full right so to do, and agree that we will communicate to State of Oregon Acting By and Through the

State Board of Higher Education on Behalf of Oregon State University, or its successors and assigns, any facts known to us respecting said invention, and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuing and reissue applications, make all rightful oaths, and do everything possible to aid State of Oregon Acting By and Through the State Board of Higher Education on Behalf of Oregon State University, its successors and assigns to obtain and enforce proper patent protection for said invention in the United States or any foreign country.

We confirm that at the time the invention was made, we were under an obligation to assign the invention to State of Oregon Acting By and Through the State Board of Higher Education on Behalf of Oregon State University.

We hereby grant the law firm of Klarquist Sparkman, LLP, the power to insert on this Assignment any further information which may be necessary or desirable in order to comply with all applicable legal requirements, including the rules of the United States Patent and Trademark Office, for submitting and recording this document.

Executed at the place and date opposite our respective signatures below.

At <u>Cowalls</u>, <u>Organ</u> (City and State) on this <u>God</u> day of <u>August</u>, 2010.

STATE OF OREGON COUNTY OF Bator

MY COMMISSION EXPIRES APRIL 01, 2011

This 6 day of Queent, 2010, before me personally came the above-named Richard B. Peterson, who executed the foregoing instrument in my presence, and who acknowledged to me that this instrument was executed by Richard B. Peterson's own free will for the purpose set forth therein.

Notary Public For Oregon
My commission expires: 4/1/// OFFICIAL SEAL JANE GUTTER NOTARY PUBLIC-OREGON COMMISSION NO 415778

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	Baller Wang Hailei Wang
AL COMMITTE OVEROM	Hailei Wang
At <u>Corvalis</u> , Oregon (City and State) on this 23th day of <u>August</u> , 2010.	
on this 23th day of August, 2010.	
0	
STATE OF OREGON)	
COLINTY OF BOSTON) SS.	
COUNTY OF A	
COUNTY OF Boston) ss. This 23 day of largust, 2010, Hailei Wang, who executed the foregoing instru	, before me personally came the above-named
Hailei Wang, who executed the foregoing instrument that this instrument was executed by Hailei	amont in my precence, and who desire wreaked to
therein.	wang s own nee win for the purpose set forth
	() M
	Motary Public For Oregon
OFFICIAL SEAL	My commission expires: $4/1/1/1$
NOTARY PUBLIC-OREGON	,
MY COMMISSION NO 415773 MY COMMISSION EXPIRES APRIL 01, 2011	
	Mukeyee Cove
At Corolallis Orecon	Robbie Ingram-Goble
At Corvalis Oregon (City and State) on this 9 day of August, 2010.	
on this day of August, 2010.	
STATE OF OREGON) ss.	
COUNTY OF Baton) ss.	
and the second s	before me personally came the above-named
Robbie Ingram-Goble, who executed the forego	before me personally came the above-named
	recuted by Robbie Ingram-Goble's own free will
for the purpose set forth therein.	
	Jan Dutte
OFFICIAL SEAL JANE GUTTER	Notary Public For Oregon
NOTARY PUBLIC-OREGON	My commission expires: $4////$
MY COMMISSION NO 415773 MY COMMISSION EXPIRES APRIL 01, 2011	·

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At Blooming ton, MN (City and State) on this day of August, 2010.	Luke W. Fisher
STATE OF OREGON COUNTY OF HENNEPIN ss.	
	Defore me personally came the above-named rument in my presence, and who acknowledged W. Fisher's own free will for the purpose set Notary Public For Oregon Minnesot A My commission expires:
At(City and State) on this day of, 2010.	Anna E. Garrison
STATE OF OREGON) COUNTY OF) ss.	•
This day of, 2010, b Anna E. Garrison, who executed the foregoing ins acknowledged to me that this instrument was execute the purpose set forth therein.	efore me personally came the above-named strument in my presence, and who cuted by Anna E. Garrison's own free will for
[SEAL]	Notary Public For Oregon My commission expires:

SCS:jam 07/29/10 245-85407-01 1483608

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At	Luke W. Fisher
(City and State)	· · · · · · · · · · · · · · · · · · ·
on this day of, 20	10.
	•
STATE OF OREGON	
STATE OF OREGON)	66
COUNTY OF	SS.
,	
This day of	, 2010, before me personally came the above-named
Luke W. Fisher, who executed the for	regoing instrument in my presence, and who acknowledged
to me that this instrument was execute	ed by Luke W. Fisher's own free will for the purpose set
forth therein.	
	Notary Public For Oregon
	My commission expires:
[SEAL]	
	(Den al Cal
	Anna E. Garrison
At Correllis DR	Aima E. Garrison
At <u>Covallis</u> , OR (City and State) on this 23 day of <u>August</u> , 20	Mental and the second s
on this 23 day of August, 20	10.
ð	
STATE OF OREGON)	•
,	SS.
COUNTY OF Berton	50.
^	
This day of lugust	, 2010, before me personally came the above-named oregoing instrument in my presence, and who
Anna E. Garrison, who executed the fe	oregoing instrument in my presence, and who
acknowledged to me that this instrume	ent was executed by Anna E. Garrison's own free will for
the purpose set forth therein.	
OFFICIAL OF AL	Jane Dutte
OFFICIAL SEAL JANE GUTTER	Notary Public For Oregon
NOTARY PUBLIC-OREGON	My commission expires: 4////
SEAT COMMISSION NO 415773	* * * * * * * * * * * * * * * * * * * *

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	my
- C	M. Kevin Drost
At Concollin (Shepla (City and State)	
on this 33d day of <u>hugus</u> , 2010.	
on this you day of Angus , 2010.	
STATE OF OREGON)	
$\beta_0 \neq 0$) ss.	
COUNTY OF Borton } ss. This 3 day of August, 2010, b	
This 3 day of luccust, 2010, b	efore me personally came the above-named M.
Kevin Drost, who executed the toregoing instrum	ent in my presence, and who acknowledged to
me that this instrument was executed by M. Kevin therein.	Drost's own free will for the purpose set forth
moron.	C A M Take
OFFICIAL SEAL	Motary Public For Oregon
JANE GUTTER NOTARY PUBLIC-OREGON	My commission expires: $4/i/\iota$
SEAL MY COMMISSION NO 416778 MY COMMISSION EXPIRES APRIL 01, 2011	7 / /
	Jan Journe
Comparellic Musa	Goran Joyanovic
(City and State)	
At Convalle's Ovegou (City and State) on this day of Acres (1, 2010.	
e7 20 V	
<i>5</i> ₹	
STATE OF OREGON)	
COUNTY OF Boston } ss. This 20 day of Occupant, 2010, b	
Ti 2010 h	afore me necessally came the shove-named
Goran Jovanovic, who executed the foregoing ins	strument in my presence, and who
acknowledged to me that this instrument was exe	cuted by Goran Jovanovic's own free will for
the purpose set forth therein.	
	Jane Dutts
OFFICIAL SEAL JANE GUTTER	Notary Public For Oregon My commission expires: 4//////
NOTARY PUBLIC-OREGON COMMISSION NO 415773	My commission expires: 4///////
MY COMMISSION EXPIRES APRIL 01, 2011	

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	Calleren M
At Cowally, OR (City and State) on this 23 day of August, 2010.	Richard Todd Miller
STATE OF OREGON COUNTY OF Story This day of Accept, 2010, be Richard Todd Miller, who executed the foregoing acknowledged to me that this instrument was executed the purpose set forth therein.	
OFFICIAL SEAL JANE GUTTER NOTARY PUBLIC-OREGON COMMISSION NO 415773 MY COMMISSION EXPIRES APRIL 01, 2011 At Covvellis, OR (City and State) on this 23 day of August, 2010.	Notary Public For Oregon My commission expires: 4/1/11 Bruce Johnson Bruce Johnson
STATE OF OREGON) ss. COUNTY OF Southor) This 3 day of August, 2010, b Bruce Johnson, who executed the foregoing instruct ome that this instrument was executed by Bruce forth therein.	
OFFICIAL SEAL JANE GUTTER NOTARY PUBLIC-OREGON COMMISSION NO 415773 MY COMMISSION EXPIRES APRIL 01, 2011	Notary Public For Oregon My commission expires: 4/1//

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	atam Rae July
At COCHLIS OC (City and State) on this 23 day of Australy, 2010.	Alana Warner-Tuhy
STATE OF OREGON) SS. COUNTY OF This day of County of Alana Warner-Tuhy, who executed the foregoing in acknowledged to me that this instrument was execut for the purpose set forth therein.	strument in my presence, and who
OFFICIAL SEAL	Joseph Suttle Motary Public For Oregon Aly commission expires: 4/1/11
At Corva 4-7 or 2 (City and State) on this 22day of August, 2010.	Eric Anderson
STATE OF OREGON) COUNTY OF Souther) This 3 day of August , 2010, before to me that this instrument was executed by Eric Androth therein.	ent in my presence, and who acknowledged
OFFICIAL SEAL	Jarl Letts Votary Public For Oregon My commission expires: 4/,///

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RECORDED: 09/14/2010