

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
 Stylesheet Version v1.2

EPAS ID: PAT4321630

SUBMISSION TYPE:	NEW ASSIGNMENT	
NATURE OF CONVEYANCE:	ASSIGNMENT	
CONVEYING PARTY DATA		
Name		Execution Date
UNIVERSITY OF UTAH RESEARCH FOUNDATION		11/06/2013
RECEIVING PARTY DATA		
Name:	CATHETER CONNECTIONS, INC.	
Street Address:	615 ARAPEEN DRIVE, SUITE 302A	
City:	SALT LAKE CITY	
State/Country:	UTAH	
Postal Code:	84108	
PROPERTY NUMBERS Total: 1		
Property Type	Number	
Application Number:	14275296	
CORRESPONDENCE DATA		
Fax Number:	(801)578-6999	
<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>		
Email:	cristi.bills@stoel.com	
Correspondent Name:	MATTHEW S. BETHARDS	
Address Line 1:	STOEL RIVES LLP, ONE UTAH CENTER	
Address Line 2:	201 SOUTH MAIN STREET, SUITE 1100	
Address Line 4:	SALT LAKE CITY, UTAH 84111	
ATTORNEY DOCKET NUMBER:	37621/29	
NAME OF SUBMITTER:	MATTHEW S. BETHARDS	
SIGNATURE:	/Matthew S. Bethards/	
DATE SIGNED:	03/16/2017	
Total Attachments: 12		
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ASSIGNMENT OF PATENT RIGHTS

THIS ASSIGNMENT OF PATENT RIGHTS (the "Assignment") is executed, acknowledged and delivered by University of Utah Research Foundation, a Utah non-profit corporation having its principal place of business at 615 Arapeen Drive, suite 310, Salt Lake City, Utah ("UURF") pursuant to the terms and conditions of the Patent Purchase Agreement having an Effective Date of November 6, 2013 (the "Agreement") between Assignor and Catheter Connections, Inc., a corporation with its principal place of business at 615 Arapeen Drive, suite 302a, Salt Lake City, Utah ("Assignee"). Capitalized terms used herein and not expressly defined shall have the meaning ascribed to such terms in the Agreement.

"Listed Patents" means the provisional patent applications, patent applications, and patents listed on Exhibit A.

"Patents" means, all (a) Listed Patents; (b) patents or patent applications (i) for which any of the Listed Patents forms a basis for priority, and/or (ii) which are subject to a terminal disclaimer with any of the Listed Patents; (c) patents and patent applications listed on Exhibit A hereto (including the original license and all amendments thereto); (d) reissues, reexaminations, extensions, continuations, continuations in part, continuing prosecution applications, requests for continuing examinations, divisions, and registrations of any item in any of the foregoing categories (a) and (b); (e) national (of any country of origin) and multinational patents, patent applications and counterparts relating to any item in any of the foregoing categories (a) through (c), including, without limitation, certificates of invention and utility models; (f) rights provided by multinational treaties or conventions for any item in any of the foregoing categories (a) through (e); whether or not claims in any of the foregoing have been rejected, withdrawn, cancelled, or the like.

NOW, THEREFORE, TO ALL WHOM IT MAY CONCERN:

For good and valuable consideration, the receipt of which is hereby acknowledged, Assignor agrees to and does hereby irrevocably sell, assign, transfer and convey unto said Assignee, and Assignee hereby accepts, all of Assignor's right, title, and interest (i) in and to the Patents, the same to be held and enjoyed by said Assignee for its own use, and for the use of its successors, assigns, or other legal representatives to the end of the term or terms for which said Patents may be granted as fully and entirely as the same would have been held and enjoyed by Assignor if this Assignment had not been made; (ii) in and to causes of action and enforcement rights for the Patents including all rights to pursue damages, injunctive relief and other remedies for past and future infringement of the Patents; and (iii) to apply in any and all countries for the world for patents; certificates of invention or other governmental grants for the Patents. Assignor also hereby authorizes the respective patent office or governmental agency in each jurisdiction to issue any and all patents or certificates of invention which may be granted upon any of the Patents in the name of Assignee, as the assignee to the entire interest therein.

Notwithstanding anything to the contrary herein, Assignor is executing and delivering this Assignment in accordance with and subject to all of the terms and provisions of the Agreement. In the event of any conflict between the terms of this Assignment and those of the Agreement, the terms of the Agreement shall be controlling.

This Assignment shall be binding upon and shall inure to the benefit of the parties and their respective successors and assigns.

This Assignment shall be governed by, and construed in accordance with, the laws of the United States in respect to patent issues and in all other respects by the laws of the State of California, without giving effect to the conflict of laws rules thereof.

IN WITNESS WHEREOF, intending to be legally bound, Assignor has executed this Assignment as of the execution date set forth below.

UNIVERSITY OF UTAH
RESEARCH FOUNDATION:

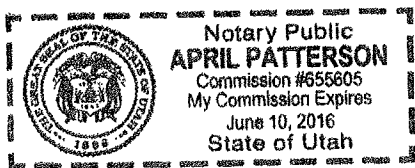
By: [Signature]
Name: Thomas N. Parks
Title: President
Date: 11.6.13

CERTIFICATE OF ACKNOWLEDGMENT

STATE OF UTAH

COUNTY OF SALT LAKE



Before me, the undersigned, a Notary Public in and for the county aforesaid, on this 6 day of NOV, 2013, Thomas Parks personally appeared and who being by me duly sworn, deposes and says that he is the President of The University of Utah Research Foundation and that he/she is authorized to sign and has signed the foregoing instrument as such president and that he/she acknowledges such signing to be the free act and deed of the University of Utah Research Foundation.



[Signature]
Notary Public

My Commission Expires: June 10, 2016

WITNESS OF EXECUTION BY ASSIGNOR

<p>Witness #1 Signature: <u>[Signature]</u></p> <p>Name: <u>Zachary Mites</u></p> <p>Address: <u>2714 W. 3375 W.</u> <u>Plain City, UT 84404</u></p> <p align="center"><u>NOTARIZATION OF WITNESS</u></p> <p>STATE OF UTAH COUNTY OF SALT LAKE</p> <p>Before me, the undersigned, a Notary Public in and for the county aforesaid, on this <u>6</u> day of <u>October</u> 2013, <u>Zach Mites</u> personally appeared and who being by me duly sworn, deposes and says that he has witnessed the execution of this Assignment by the <u>President</u> of The University of Utah Research Foundation and that he/she acknowledges such signing to be his/her free act and deed.</p> <p><u>[Signature]</u> Notary Public</p> <p>My Commission Expires: <u>6/10/2016</u></p> <p>(seal)  Notary Public APRIL PATTERSON Commission #655605 My Commission Expires June 10, 2016 State of Utah</p>	<p>Witness #2 Signature: <u>[Signature]</u></p> <p>Name: <u>James Thompson</u></p> <p>Address: <u>7028 West Andres Peak Court</u> <u>Herriman, Utah 84096</u></p> <p align="center"><u>NOTARIZATION OF WITNESS</u></p> <p>STATE OF UTAH COUNTY OF SALT LAKE</p> <p>Before me, the undersigned, a Notary Public in and for the county aforesaid, on this <u>6</u> day of <u>October</u> 2013, <u>James Thompson</u> personally appeared and who being by me duly sworn, deposes and says that he has witnessed the execution of this Assignment by the <u>President</u> of The University of Utah Research Foundation and that he/she acknowledges such signing to be his/her free act and deed.</p> <p><u>[Signature]</u> Notary Public</p> <p>My Commission Expires: <u>6/10/2016</u></p> <p>(seal)  Notary Public APRIL PATTERSON Commission #655605 My Commission Expires June 10, 2016 State of Utah</p>
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DECLARATION OF ACCEPTANCE BY ASSIGNEE

The above named Assignee, Catheter Connections, Inc., a corporation with its principal place of business at 615 Arapeen Drive, suite 302a, Salt Lake City, Utah, hereby declares that with effect from this 6th day of ~~October~~ ^{November} 2013, it accepts the patents, including all rights to recover past, present and future damages for infringement, assigned to it by Assignor, The University of Utah Research Foundation, pursuant to the foregoing Patent Assignment. VEP

CATHETER CONNECTIONS, INC.

By: Vicki Farrar

Date: ~~October~~ ^{Nov. 6,} 2013 VEP

Name: Vicki Farrar

Address: 615 Arapeen Drive, Suite 302a, Salt Lake City, Utah 84108

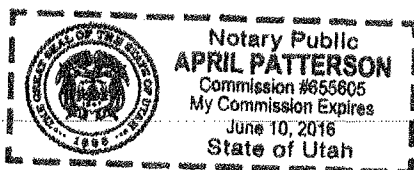
Title: Chief Executive Officer

CERTIFICATE OF ACKNOWLEDGMENT

STATE OF UTAH

COUNTY OF SALT LAKE

on November Before me, the undersigned, a Notary Public in and for the county aforesaid, on this 6 day of ~~October~~ ^{November}, 2013, Vickie Farrar personally appeared and who being by me duly sworn, deposes and says that she is the Chief Executive Officer of Catheter Connections, Inc. and that she is authorized to sign and has signed the foregoing instrument as such Chief Executive Officer and that he/she acknowledges such signing to be the free act and deed of Catheter Connections, Inc.



AP Patterson
Notary Public

My Commission Expires: June 10, 2016

WITNESS OF EXECUTION BY ASSIGNEE

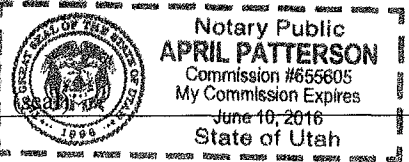
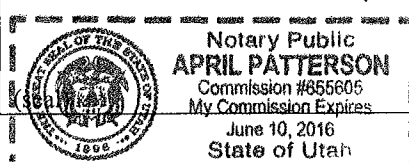
<p>Witness #1 Signature: <u>[Signature]</u></p> <p>Name: <u>Zachary Miles</u></p> <p>Address: <u>2714 N. 3375 W.</u> <u>Plain City, UT 84064</u></p>	<p>Witness #2 Signature: <u>[Signature]</u></p> <p>Name: <u>James Thompson</u></p> <p>Address: <u>7029 West Andres Peak Court</u> <u>Herriman, Utah 84096</u></p>
<p><u>NOTARIZATION OF WITNESS</u></p> <p>STATE OF UTAH</p> <p>COUNTY OF SALT LAKE</p> <p>Before me, the undersigned, a Notary Public in and for the county aforesaid, on this <u>6</u> day of <u>October</u>, 2013, <u>Zach Miles</u> personally appeared and who being by me duly sworn, deposes and says that he has witnessed the execution of this Assignment by the Chief Executive Officer of Catheter Connections, Inc. and that he/she acknowledges such signing to be his/her free act and deed.</p> <p><u>[Signature]</u> Notary Public</p> <p>My Commission Expires: <u>6/10/16</u></p> <p></p>	<p><u>NOTARIZATION OF WITNESS</u></p> <p>STATE OF UTAH</p> <p>COUNTY OF SALT LAKE</p> <p>Before me, the undersigned, a Notary Public in and for the county aforesaid, on this <u>6</u> day of <u>October</u>, 2013, <u>James Thompson</u> personally appeared and who being by me duly sworn, deposes and says that he has witnessed the execution of this Assignment by the Chief Executive Officer of Catheter Connections, Inc. and that he/she acknowledges such signing to be his/her free act and deed.</p> <p><u>[Signature]</u> Notary Public</p> <p>My Commission Expires: <u>6/10/16</u></p> <p></p>

EXHIBIT A

PATENTS AND PATENT APPLICATIONS

A. Patents

Patent Number	Date Issued	Reel/Frame - Inventors to U. Utah Foundation (** assignment from parent)	Reel/Frame - Inventors to U. Utah (** assignment from parent)	Reel/Frame - U. Utah to U. Utah Foundation (** assignment from parent)	Inventor (s) - * assigning to UU or UUF)	Title of Invention
US8,172,825	5/8/2012	023452/0658	-	-	Solomon, D. D.* Ferguson, F. M.* Hitchcock, R.* Bandis, S.* Howlett, M. W.* Mercer, J. V.* Adams, M.	Methods for Disinfecting Medical Connectors
US8,177,761	5/15/2012	-	021549/0039	021549/0084	Howlett, M. W.* Mercer, J. V.*	Assembly for Cleaning Luer Connectors
US8,197,749	6/12/2012	-	021825/0001	021825/0089	Howlett, M. W.* Mercer, J. V.*	Methods for Cleaning Luer Connectors
US8,231,587	7/31/12	-	025233/0177**	025233/0511**	Solomon, D. D. Ferguson, F. M. Hitchcock, R.* Bandis, S. Howlett, M. W. Mercer, J. V.	Disinfecting Caps for Medical Male Luer Connectors
US8,328,767	12/11/12		025233/0177**	025233/0511**	Solomon, D. D. Ferguson, F. M. Hitchcock, R.* Bandis, S. Howlett, M. W. Mercer, J. V.	Disinfecting Caps for Medical Male Luer Connectors

Patent Number	Date Issued	Reel/Frame - Inventors to U. Utah Foundation (** assignment from parent)	Reel/Frame - inventors to U. Utah (** assignment from parent)	Reel/Frame - U. Utah to U. Utah Foundation (** assignment from parent)	Inventor(s) - * assigning to UU or UUF	Title of Invention
US8,343,112	1/1/13	-	026281/0797	026281/0828	Solomon, D. D. Ferguson, F. M. Hitchcock, R* Bandis, S. Howlett, M. W. Mercer, J. V.	Disinfecting caps having an extendable feature and related systems and methods
US8,419,713	4/16/13	028698/0519	-	-	Solomon, D. D.* Kennedy, J. P.*	Carrier Assembly with Caps for Medical Connectors
US8,523,830	9/3/13	-	025233/0177	025233/0511	Solomon, D. D. Ferguson, F. M. Hitchcock, R* Bandis, S. Howlett, M. W. Mercer, J. V.	Disinfecting Caps for Medical Female Luer Connectors
US8,523,831	9/3/13	-	026693/0802	026693/0908	Solomon, D. D. Lasher, R.* Hitchcock, R* Bandis, S. Howlett, M. W. Mercer, J. V. Kennedy, J. P.*	Disinfecting caps having sealing features and related systems and methods
China CN201130032346.7	9/21/11		026289/0674**	026289/0834**	Solomon, D. D. Ferguson, F. M. Hitchcock, R* Bandis, S. Howlett, M. W. Mercer, J. V.	Cap for use with one or more medical connectors
South Korea KR30-0659298	9/5/12		026289/0674**	026289/0834**	Solomon, D. D. Ferguson, F. M. Hitchcock, R* Bandis, S. Howlett, M. W. Mercer, J. V.	Cap for use with one or more medical connectors

REF [signature]

B. Applications

Serial No.	Date Filed	Reel/ Frame - inventors to Utah U. Foundation (** assignment from parent)	Reel/ Frame - inventors to Utah Univ. (** assignment from parent)	Reel/ Frame - Utah U to Utah U. Foundation (** assignment from parent)	Inventor(s) (* assigning to UU or UUF)	Title of Invention
USSN 12/610,033	10/30/09	023452/0317	-	-	Solomon, D. D.* Ferguson, F. M.* Hitchcock, R* Bandis, S* Howlett, M. W.* Mercer, J. V.*	Sterilization caps and systems and associated methods
Canada CA2778635	11/1/10		025233/0177**	025233/0511**	Solomon, D. D. Ferguson, F. M. Hitchcock, R* Bandis, S. Howlett, M. W. Mercer, J. V.	Disinfecting caps and systems and associated methods
China CN201080060077.8	11/1/10		025233/0177**	025233/0511**	Solomon, D. D. Ferguson, F. M. Hitchcock, R* Bandis, S. Howlett, M. W. Mercer, J. V.	Disinfecting caps and systems and associated methods
Europe EP10827614.8	11/1/10		025233/0177**	025233/0511**	Solomon, D. D. Ferguson, F. M. Hitchcock, R* Bandis, S. Howlett, M. W. Mercer, J. V.	Disinfecting caps and systems and associated methods

VERIFIED

<u>Serial No.</u>	<u>Date Filed</u>	<u>Reel/ Frame - inventors to Utah U. Foundation (** assignment from parent)</u>	<u>Reel/ Frame - inventors to Utah Univ. (** assignment from parent)</u>	<u>Reel/ Frame - Utah U to Utah U. Foundation (** assignment from parent)</u>	<u>Inventor (s) (* assigning to UU or UUF)</u>	<u>Title of Invention</u>
Japan JP2012-537172	11/1/10		025233/0177**	025233/0511**	Solomon, D. D. Ferguson, F. M. Hitchcock, R* Bandis, S. Howlett, M. W. Mercer, J. V.	Disinfecting caps and systems and associated methods
PCT/US2010/054995	11/1/10		025233/0177**	025233/0511**	Solomon, D. D. Ferguson, F. M. Hitchcock, R* Bandis, S. Howlett, M. W. Mercer, J. V.	Disinfecting caps and systems and associated methods
USSN 29/383,403	1/17/11	-	026289/0674	026289/0834	Solomon, D. D. Ferguson, F. M. Hitchcock, R* Bandis, S. Howlett, M. W. Mercer, J. V.	Cap for use with one or more medical connectors
PCT/US2013/052661	7/30/13	028698/0519**	-	-	Solomon, D. D.* Kennedy, J. P.*	Carrier Assembly with Caps for Medical Connectors
USSN 13/664,641	10/31/12		025233/0177**	025233/0511**	Solomon, D. D. Ferguson, F. M. Hitchcock, R* Bandis, S. Howlett, M. W. Mercer, J. V.	Disinfecting caps for medical male luer connectors
USSN 13/678,057	11/15/12	-	022681/0797**	026281/0828**	Solomon, D. D. Ferguson, F. M. Hitchcock, R* Bandis, S. Howlett, M. W. Mercer, J. V.	Disinfecting caps having an extendable feature and related systems and methods

<u>Serial No.</u>	<u>Date Filed</u>	<u>Reel/ Frame - inventors to Utah U. Foundation (** assignment from parent)</u>	<u>Reel/ Frame - inventors to Utah Univ. (** assignment from parent)</u>	<u>Reel/ Frame - Utah U to Utah U. Foundation (** assignment from parent)</u>	<u>Inventor(s) (* assigning to UU or UUF)</u>	<u>Title of Invention</u>
USSN 13/736,166	1/8/13	-	025233/0177**	025233/0511**	Solomon, D. D. Ferguson, F. M. Hitchcock, R* Bandis, S. Howlett, M. W. Mercer, J. V.	Disinfecting caps for medical male luer connectors
USSN 13/794,338	3/11/13	030023/0021	-	-	Solomon, D. D.* Kennedy, J. P.*	Carrier assembly with caps for medical connectors
USSN 13/972,101	8/21/13	-	026693/0802**	026693/0908**	Solomon, D. D. Lasher, R.* Hitchcock, R* Bandis, S. Howlett, M. W. Mercer, J. V. Kennedy, J. P.*	Disinfecting caps having sealing features and related systems and methods
USSN 60/880,541	1/16/07				Howlett, M. W. Mercer, J. V.	Antiseptic protective cap for male and female screw- together connectors
USSN 61/265,207	11/30/09	-	025436/0942	025413/0087	Ferguson, F. M. Hitchcock, R Solomon, D. D. Bandis, S.	Disinfectant caps and systems and associated methods
USSN 61/265,216	11/30/09	-	025402/0318	025402/0465	Hitchcock, R Bandis, S. Solomon, D. D. Ferguson, F. M. Kennedy, J. P. Lasher, R.	Sterilization caps and systems and associated methods
PCT/US2009/049094	6/29/09				Howlett, M. W. Mercer, J. V.	Sterility-protecting caps with fluid reservoir for separated connectors

<u>Serial No.</u>	<u>Date Filed</u>	<u>Reel/ Frame - inventors to Utah U. Foundation (** assignment from parent)</u>	<u>Reel/ Frame - inventors to Utah Univ. (** assignment from parent)</u>	<u>Reel/ Frame - Utah U to Utah U. Foundation (** assignment from parent)</u>	<u>Inventor (s) (* assigning to UU or UUF)</u>	<u>Title of Invention</u>
PCT/US2010/058404	11/30/10				Hitchcock, R. Solomon, D. D. Ferguson, F. M. Bandis, S. Mercer, J. V. Howlett, M. W.	Disinfecting caps having an extendable feature and related systems and methods
PCT/US2010/058453	11/30/10				Hitchcock, R. Kennedy, J. Lasher, R. Solomon, D. D. Bandis, S. Mercer, J. V. Howlett, M. W.	Disinfecting caps having sealing features and related systems and methods
Australia AU2008206312	1/15/08				Howlett, M. W. Mercer, J. V.	Nestable sterility-protecting caps for separated connectors
Brazil BR PI 0806801-1	1/15/08				Howlett, M. W. Mercer, J. V.	Nestable sterility-protecting caps for separated connectors
Canada CA2,675,708	1/15/08				Howlett, M. W. Mercer, J. V.	Nestable sterility-protecting caps for separated connectors
Europe EP08727689.5	1/15/08				Howlett, M. W. Mercer, J. V.	Nestable sterility-protecting caps for separated connectors
Hong Kong HK10105138.0	1/15/08				Howlett, M. W. Mercer, J. V.	Nestable sterility-protecting caps for separated connectors
Japan JP2009-546481	1/15/08				Howlett, M. W. Mercer, J. V.	Nestable sterility-protecting caps for separated connectors

Very good

<u>Serial No.</u>	<u>Date Filed</u>	<u>Reel/</u> <u>Frame -</u> <u>inventors to Utah</u> <u>U. Foundation</u> <u>(** assignment</u> <u>from parent)</u>	<u>Reel/</u> <u>Frame - inventors</u> <u>to Utah Univ. (**</u> <u>assignment from</u> <u>parent)</u>	<u>Reel/</u> <u>Frame - Utah U to</u> <u>Utah U.</u> <u>Foundation (**</u> <u>assignment from</u> <u>parent)</u>	<u>Inventor(s) (* assigning</u> <u>to UU or UUF)</u>	<u>Title of Invention</u>
Mexico MX/a/2009/007591	1/15/08				Howlett, M. W. Mercer, J. V.	Nestable sterility- protecting caps for separated connectors
USSN 12/014,388	1/15/08		020742/0184	020742/0344	Howlett, M. W. Mercer, J. V.	Assembly with paired caps separable for aseptically covering at least one connector
PCT/US2008/051087	1/15/08				Howlett, M. W. Mercer, J. V.	Nestable sterility- protecting caps for separated connectors

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