

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
 Stylesheet Version v1.2

EPAS ID: PAT3634571

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
ERIC LEUTHARDT	04/23/2013
GUY GENIN	01/22/2013
MATTHEW SMYTH	11/20/2012
DAVID LIMBRICK	11/20/2012
DANIEL MORAN	03/08/2011
LIHONG WANG	11/20/2012
AARON MCLAUGHLIN	12/12/2011
MANISH SHAH	04/30/2013
ALEXANDER YANG	04/19/2011
SAMUEL STONE	01/20/2012
DEVON HAYDON	11/20/2012
MICHAEL WINEK	01/20/2012
RICHARD MARCUS	11/21/2012

RECEIVING PARTY DATA

Name:	WASHINGTON UNIVERSITY
Street Address:	ONE BROOKINGS DRIVE
City:	ST. LOUIS
State/Country:	MISSOURI
Postal Code:	63130

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	14953576

CORRESPONDENCE DATA

Fax Number: (314)612-2307

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: 314-621-5070

Email: uspatents@armstrongteasdale.com

Correspondent Name: PATENT DOCKET DEPARTMENT ARMSTRONG TEASD

Address Line 1: 7700 FORSYTH BLVD.

PATENT

Address Line 2: ARMSTRONG TEASDALE LLP, SUITE 1800
Address Line 4: ST. LOUIS, MISSOURI 63105

ATTORNEY DOCKET NUMBER: 011139-DIV1/1 (15060-627)

NAME OF SUBMITTER: PATRICK E. BRENNAN

SIGNATURE: /Patrick E. Brennan/

DATE SIGNED: 11/30/2015

Total Attachments: 16

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TECHNOLOGY ASSIGNMENT

WU Case: 011139

ASSIGNORS:

Eric Leuthardt

Guy Genin

Matthew Smyth

David Limbrick

Daniel Moran

Lihong Wang

Aaron McLaughlin

Manish Shah

Alexander Yang

Samuel Stone

Devon Haydon

Michael Winek

Richard Marcus

WHEREAS, the aforementioned individuals (the "ASSIGNORS") have developed a certain INVENTION having WU OTM Case No. 011139 and being entitled "The Revolution Reservoir and Catheter Tip" A non-clogging shunt catheter tip (collectively, with all future enhancements and improvements thereto as well as all related original works of authorship related thereto other than those solely of an artistic, literary or scholarly nature, as the "INVENTION");

WHEREAS, the ASSIGNORS have executed an APPLICATION for a United States Patent based on the INVENTION, entitled A Catheter Assembly For Use With Shunt Systems And Method Of Using Same, filed on November 16, 2012, and assigned APPLICATION Serial No. 13/678,769. (the "APPLICATION");

WHEREAS, Washington University, a corporation of the State of Missouri having its principal office and place of business at One Brookings Drive, St. Louis, Missouri, 63130, ("ASSIGNEE") is desirous of acquiring the entire and exclusive right, title, and interest in and to the INVENTION and the APPLICATION; as provided for in the Washington University Intellectual Property Policy;

NOW THEREFORE, for good and valuable consideration, the receipt and adequacy of which are hereby acknowledged, the ASSIGNORS hereby sell, assign and transfer to ASSIGNEE the full and exclusive right, title and interest in the United States (including its territories and dependencies) and all countries foreign thereto in, to and under the INVENTION, the APPLICATION, and any other United States APPLICATIONS (including provisional, non-provisional, divisional, continuing and reissue APPLICATIONS) based in whole or in part on the APPLICATION or in whole or in part on the INVENTION, and any patents (including extensions thereof) of any country that have been or may be granted on any of the aforesaid APPLICATIONS or on the INVENTION or any part thereof and including all rights to claim priority through any international convention or treaty and all copyrights on or related to the INVENTION;

ASSIGNORS each agree, to each creator's binding personal share of any income generated by the INVENTION as delineated in the attached Exhibit A, and that all future agreements regarding such personal shares shall be in writing and signed by all creators;

ASSIGNORS hereby warrant and represent to Assignee, its successors, legal representatives and assigns, that at the time of execution of this assignment, the ASSIGNORS listed above are the sole individuals employed by the ASSIGNEE who have made contributions to the INVENTION, that the ASSIGNORS are unencumbered and have good and full right and lawful authority to sell and convey the same in the manner herein set forth, and that all works of authorship assigned herein are original works created solely by the ASSIGNORS and are free from plagiarized, libelous, obscene or infringing material;

ASSIGNORS hereby authorize and request the Commissioner of Patents of the United States of America, to issue any and all United States Patents that may be granted on any assigned APPLICATION or on the INVENTION or any part thereof, in the name of ASSIGNEE;

ASSIGNORS hereby covenant that no assignment, sale, agreement or encumbrance has been or will be made or entered into which would conflict with this sale, assignment and transfer;

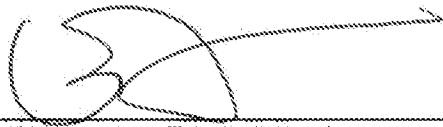
ASSIGNORS hereby grant to ASSIGNEE and its agents and attorneys the power and right to insert herein the title, serial number and filing date of the APPLICATION, the OTM case number and title of the INVENTION after this Assignment is executed by the ASSIGNORS; and

ASSIGNORS further covenant that upon ASSIGNEE's request they will provide promptly to ASSIGNEE all pertinent facts and documents relating to the aforesaid APPLICATIONS and the INVENTION as may be known and accessible to ASSIGNORS, and ASSIGNORS will testify as to the same in any interference or litigation related thereto and will promptly execute and deliver to ASSIGNEE or its legal representatives without further consideration any and all papers, instruments or affidavits required to apply for, obtain, maintain and enforce the aforesaid APPLICATIONS that may be deemed necessary or desirable by ASSIGNEE to carry out the purposes hereof.

For the event that ASSIGNEE is unable, after reasonable effort, to secure any ASSIGNOR's signature on any APPLICATION, paper or other instrument relating to any patent, patent APPLICATION, letters patent, copyright or other analogous protection relating to the INVENTION in any country, whether because of the ASSIGNOR's mental incapacity, death or for any other reason whatsoever, each ASSIGNOR hereby irrevocably designates and appoints ASSIGNEE and its duly authorized officers and agents as each ASSIGNOR's agent and attorney in fact to act for and to execute and file any such APPLICATION, paper or other instrument on ASSIGNOR's behalf and to do all other lawfully permitted acts to further the prosecution and issuance of any patent, patent APPLICATION, letters patent, copyright or any other analogous protection related to the INVENTION with the same legal force and effect as if executed by such ASSIGNOR.

For the convenience of the parties, any number of counterparts of the Assignment may be executed by the parties hereto. Each such counterpart shall be and shall be deemed to be an original instrument but all such counterparts taken together shall constitute one and the same assignment.

IN WITNESS WHEREOF, the ASSIGNORS have hereunto set their hand to the foregoing assignment.



Signature -- Eric Leuthardt

4/23/13
Date

Name: Eric Leuthardt

Home Address: 6358 Pershing Avenue
St. Louis, MO 63130

ACKNOWLEDGMENT

STATE OF Missouri)
CITY OF St. Louis) SS.

On this 23 day of April, 2013, before me, a Notary Public, personally appeared Eric Leuthardt, known to me to be the person described, in and who executed, the foregoing assignment and acknowledged that he executed said instrument as his free act and deed.

In Testimony Whereof, I have hereunto set my hand and affixed my official seal the day and year first above written.


Notary Public

My Commission Expires:

JEANETTE SCHILLIZI
Notary Public - Notary Seal
Comm. Number 10964779
STATE OF MISSOURI
St. Louis County
My Commission Expires Apr. 20, 2014

[SEAL]

Guy Genin

1-22-13

Signature -- Guy Genin

Date

Name: Guy Genin

Home Address: 6924 Pershing
St. Louis, Mo 63130

ACKNOWLEDGMENT

STATE OF Missouri)
CITY OF St. Louis) SS.

On this 2nd day of January, 2013, before me, a Notary Public, personally appeared Guy Genin, known to me to be the person described, in and who executed, the foregoing assignment and acknowledged that he executed said instrument as his free act and deed.

In Testimony Whereof, I have hereunto set my hand and affixed my official seal the day and year first above written.

Angela D. Lucas
Notary Public

My Commission Expires:

ANGELA D. LUCAS
Notary Public - Notary Seal
State of Missouri
Commissioned for St. Louis City
My Commission Expires: March 21, 2018
Commission Number: 12318000

[SEAL]

Matthew Smyth

Signature -- Matthew Smyth

11/20/12

Date

Name: Matthew Smyth

Home Address: 34 HUNTLEIGH DOWNS
FRONTENAC, MO 63131

ACKNOWLEDGMENT

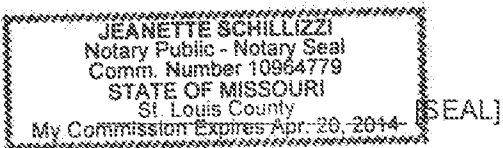
STATE OF Missouri)
CITY OF St Louis) SS.

On this 20 day of November, 2012 before me, a Notary Public, personally appeared Matthew Smyth, known to me to be the person described, in and who executed, the foregoing assignment and acknowledged that he executed said instrument as his free act and deed.

In Testimony Whereof, I have hereunto set my hand and affixed my official seal the day and year first above written.

Jeanette Schillizzi
Notary Public


My Commission Expires: 4/20/2014





11/20/12
Date

Name: David Limbrick

Home Address: 7537 Stanford Ave.
St. Louis, MO ~~63103~~ 63130


ACKNOWLEDGMENT

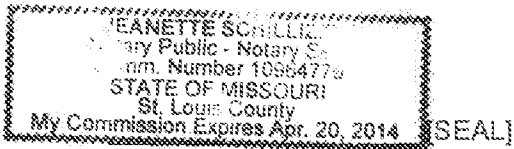
STATE OF Missouri)
CITY OF St Louis) SS.

On this 20 day of November, 2012 before me, a Notary Public, personally appeared David Limbrick, known to me to be the person described, in and who executed, the foregoing assignment and acknowledged that he executed said instrument as his free act and deed.

In Testimony Whereof, I have hereunto set my hand and affixed my official seal the day and year first above written.


Notary Public

My Commission Expires: 4/20/2014



Daniel A Moran
Signature – Daniel Moran

3/8/2011
Date

Name: Daniel Moran

Home Address: 10 Arbor Hill Ct
Ballwin, MO 63021

ACKNOWLEDGMENT

STATE OF Missouri)
CITY OF St. Louis) SS.

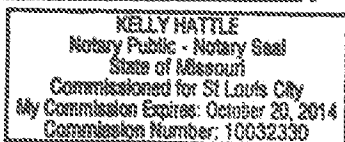
On this 8 day of March, 2011, before me, a Notary Public, personally appeared Dan Moran, known to me to be the person described, in and who executed, the foregoing assignment and acknowledged that he executed said instrument as his free act and deed.

In Testimony Whereof, I have hereunto set my hand and affixed my official seal the day and year first above written.

Kelly Hattle
Notary Public

My Commission Expires:

[SEAL]



Aaron McLaughlin
Signature - Aaron McLaughlin

12/12/11
Date

Name: Aaron McLaughlin

Home Address: 46 Timba Dr.
Ballwin, MO, 63011

ACKNOWLEDGMENT

STATE OF Missouri)
CITY OF St. Louis) SS.

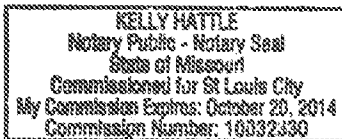
On this 12 day of December, 2011, before me, a Notary Public, personally appeared Aaron McLaughlin known to me to be the person described, in and who executed, the foregoing assignment and acknowledged that he executed said instrument as his free act and deed.

In Testimony Whereof, I have hereunto set my hand and affixed my official seal the day and year first above written.

Kelly Hattle
Notary Public

My Commission Expires:

_____ [SEAL]



Manish Shah

Signature -- Manish Shah

4/30/13

Date

Name: Manish Shah

Home Address: 3157 CARROLL CT
ST. LOUIS, MO 63139

ACKNOWLEDGMENT

STATE OF Missouri)
CITY OF St. Louis) SS.

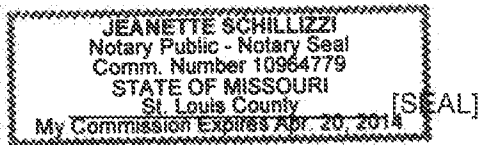
On this 30 day of April, 2013 before me, a Notary Public, personally appeared Manish Shah, known to me to be the person described, in and who executed, the foregoing assignment and acknowledged that he executed said instrument as his free act and deed.

In Testimony Whereof, I have hereunto set my hand and affixed my official seal the day and year first above written.

[Handwritten Signature]

Notary Public

My Commission Expires:



[Signature]
Signature -- Alexander Yang

4/19/2011
Date

Name: Alexander Yang

Home Address: SF-1 #89 Han-Hai Rd secto-1
Taipei, Taiwan 106

ACKNOWLEDGMENT

STATE OF MO)

) SS.

CITY OF St. Louis)

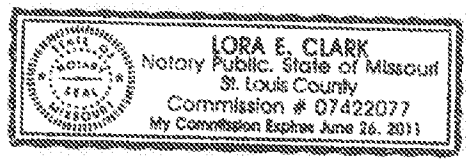
On this 19th day of April, 2011, before me, a Notary Public, personally appeared Alexander Yang known to me to be the person described, in and who executed, the foregoing assignment and acknowledged that he executed said instrument as his free act and deed.

In Testimony Whereof, I have hereunto set my hand and affixed my official seal the day and year first above written.

Lora E. Clark 4/19/11
Notary Public

My Commission Expires:

6/26/11 [SEAL]



Samuel Stone
Signature -- Samuel Stone

1/20/2012
Date

Name: Samuel Stone

Home Address: 3530 Timber Lane
Cross Plains, WI 53528

ACKNOWLEDGMENT

STATE OF MISSOURI)
COUNTY) SS.
CITY OF ST. LOUIS)

On this 20th day of JANUARY, 2011, before me, a Notary Public, personally appeared SAMUEL STONE, known to me to be the person described, in and who executed, the foregoing assignment and acknowledged that he executed said instrument as his free act and deed.

In Testimony Whereof, I have hereunto set my hand and affixed my official seal the day and year first above written.

Mary Ann Anderson
Notary Public

My Commission Expires:
7/23/2013 [SEAL]

Mary Ann Anderson
Notary Public -Notary Seal
State of Missouri
County of St. Louis
Commission #09523037
My Commission Expires 7/23/2013

[Handwritten Signature]

Signature -- Devon Haydon

11/20/12

Date

Name: Devon Haydon

Home Address: 5535 Waterman Blvd, # 30
St. Louis, Mo 63112

ACKNOWLEDGMENT

STATE OF Missouri)
CITY OF St. Louis) SS.

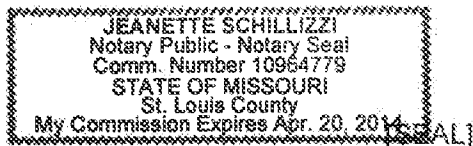
On this 20 day of November, 2012, before me, a Notary Public, personally appeared Devon Haydon, known to me to be the person described, in and who executed, the foregoing assignment and acknowledged that he executed said instrument as his free act and deed.

In Testimony Whereof, I have hereunto set my hand and affixed my official seal the day and year first above written

[Handwritten Signature]

Notary Public

My Commission Expires:



Michael Winek

Signature -- Michael Winek

01/26/2012

Date

Name: Michael Winek

Home Address: *5122 Fontainebleau Dr*
Brentwood TN, 37027

ACKNOWLEDGMENT

STATE OF *MISSOURI*)
COUNTY OF *ST. LOUIS*) SS.

On this *20th* day of *JANUARY*, 20*12*, before me, a Notary Public, personally appeared *MICHAEL WINEK*, known to me to be the person described, in and who executed, the foregoing assignment and acknowledged that he executed said instrument as his free act and deed.

In Testimony Whereof, I have hereunto set my hand and affixed my official seal the day and year first above written.

Mary Ann Anderson
Notary Public

My Commission Expires:

7-23-2013 [SEAL]

Mary Ann Anderson
Notary Public -Notary Seal
State of Missouri
County of St. Louis
Commission #09523037
My Commission Expires 7/23/2013

Richard Marcus

Signature -- Richard Marcus

11/21/2012

Date

Name: Richard Marcus

Home Address: 6831 Charlmont Cir.

Dallas, TX 75248

ACKNOWLEDGMENT

STATE OF TEXAS)
) SS.
CITY OF DALLAS)

On this 21 day of November, 2012, before me, a Notary Public, personally appeared Richard L. Marcus, known to me to be the person described, in and who executed, the foregoing assignment and acknowledged that he executed said instrument as his free act and deed.

In Testimony Whereof, I have hereunto set my hand and affixed my official seal the day and year first above written.

Patrick Bulger
Notary Public

My Commission Expires:

2/2/2013 [SEAL]

