# PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT5497981

SUBMISSION TYPE:	NEW ASSIGNMENT	
NATURE OF CONVEYANCE:	ASSIGNMENT	

#### **CONVEYING PARTY DATA**

Name	Execution Date
BRYAN W. TILLMAN	02/12/2015
AMIT D. TEVAR	01/08/2015
YOUNGJAE CHUN	01/06/2015

## **RECEIVING PARTY DATA**

Name:	UNIVERSITY OF PITTSBURGH - OF THE COMMONWEALTH SYSTEM OF HIGHER EDUCATION
Street Address:	1ST FLOOR GARDNER STEEL CONFERENCE CENTER
Internal Address:	130 THACKERAY AVENUE
City:	PITTSBURGH
State/Country:	PENNSYLVANIA
Postal Code:	15260

## **PROPERTY NUMBERS Total: 1**

Property Type	Number
Application Number:	16397704

## **CORRESPONDENCE DATA**

Fax Number: (503)595-5301

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: 5035955300

Email: sarah.flugum@klarquist.com

GREGORY SCOTT, KLARQUIST SPARKMAN, LLP **Correspondent Name:** 

121 SW SALMON STREET Address Line 1:

Address Line 2: **SUITE 1600** 

Address Line 4: PORTLAND, OREGON 97204

ATTORNEY DOCKET NUMBER:	8123-92310-04	
NAME OF SUBMITTER:	GREGORY K. SCOTT, PH.D., J.D.	
SIGNATURE:	/Gregory K. Scott/	
DATE SIGNED:	04/29/2019	

**Total Attachments: 6** 

source=92310Assignment#page1.tif

**PATENT REEL: 049025 FRAME: 0116** 

505451180

source=92310Assignment#page2.tif	
source=92310Assignment#page3.tif	
source=92310Assignment#page4.tif	
source=92310Assignment#page5.tif	
source=92310Assignment#page6.tif	

PATENT REEL: 049025 FRAME: 0117

ASSIGNMENT

Sur 2-15

WHEREAS, we, Bryan W. Tillmann, of Pittsburgh, Pennsylvania, Amit D. Tevar, of Pittsburgh, Pennsylvania, and Youngjae Chun, of Pittsburgh, Pennsylvania, have invented a certain invention, as described in the following patent applications:

U.S. Provisional Patent Application No. 61/935,729, filed on February 4, 2014, entitled "ENDOVASCULAR APPARATUS FOR PERFUSING ORGANS IN A BODY," PCT Patent Application No. PCT/US2014/068116, filed on December 2, 2014, entitled "ENDOVASCULAR APPARATUS FOR PERFUSING ORGANS IN A BODY," which applications are collectively referred to as "the patent applications."

WHEREAS, UNIVERSITY OF PITTSBURGH – OF THE COMMONWEALTH SYSTEM OF HIGHER EDUCATION, a non-profit entity organized under the laws of the State of the Commonwealth of Pennsylvania, having a place of business at 200 Gardner Steel Conference Center, Thackeray and O'Hara Streets, Pittsburgh, Pennsylvania 15260, desires to acquire an interest therein:

NOW, THEREFORE, for good and valuable consideration, the receipt of which is hereby acknowledged, we, Bryan W. Tillman and Amit D. Tevar hereby sell, assign, and transfer to UNIVERSITY OF PITTSBURGH - OF THE COMMONWEALTH SYSTEM OF HIGHER EDUCATION, the full and exclusive right, title, and interest in and to said invention, the patent applications, 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, the patent applications, and letters patent in this or any foreign country, and all corresponding non-provisional applications, divisions, continuations, continuations-in-part, reissues, and extensions thereof, to be held and enjoyed by UNIVERSITY OF PITTSBURGH - OF THE COMMONWEALTH SYSTEM OF HIGHER EDUCATION, 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 by 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 UNIVERSITY OF PITTSBURGH - OF THE COMMONWEALTH SYSTEM OF HIGHER EDUCATION, 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 UNIVERSITY OF PITTSBURGH - OF THE COMMONWEALTH SYSTEM OF HIGHER EDUCATION, 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 UNIVERSITY OF PITTSBURGH - OF THE COMMONWEALTH SYSTEM OF HIGHER EDUCATION.

We hereby grant the law firm of Klarquist Sparkman, LLP, the power to insert on this Assignment any further information that 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. Tillmann STATE OF COUNTY OF C This 12 day of Helium, 2015, before me personally came the above-named Bryan

W. Tillmann, who executed the foregoing instrument in my presence, and who acknowledged to me that this instrument was executed by Bryan W. Tillmann's own free will for the purpose set forth therein.

Notary Public For

My commission expires:

[SEAL]

COMMONWEALTH OF PENNSYLVANIA Notarial Seal Alyce M. Mehring, Notary Public City of Pittsburgh, Allegheny County My Commission Expires Oct.

	Mar
on this Edday of January, 2015.	Amit D. Tevar
STATE OF PENDSYLVANIA  COUNTY OF Hleghen )  Ss.  This 5 day of January, 20 15, b  D. Tevar, who executed the foregoing instrument i this instrument was executed by Amit D. Tevar's o  COMMONWEALTH OF PENNSYLVANIA  Notarial Seal  Lisa S. Toth-Maskarinec, Notary Public City of Pittsburgh, Allegheny County My Commission Expires March 11, 2017  MEMBER, PENNSYLVANIA ASSOCIATION OF NOTARIES	pefore me personally came the above-named Amit n my presence, and who acknowledged to me that own free will for the purpose set forth therein.  All Macharine My commission expires: Macch 1, 201
[JUAL]	Youngjae Chun
On this day of, 20	
STATE OF ) ) ss. COUNTY OF )	
This day of, 20, begin young a chun, who executed the foregoing instrument that this instrument was executed by Young a cherein.	ment in my presence, and who acknowledged to
	Notary Public For My commission expires:
[SEAL]	

#### **ASSIGNMENT**

WHEREAS, we, Bryan W. Tillmann, of Pittsburgh, Pennsylvania, Amit D. Tevar, of Pittsburgh, Pennsylvania, and Youngjae Chun, of Pittsburgh, Pennsylvania, have invented a certain invention, as described in the following patent applications:

U.S. Provisional Patent Application No. 61/935,729, filed on February 4, 2014, entitled "ENDOVASCULAR APPARATUS FOR PERFUSING ORGANS IN A BODY,"
PCT Patent Application No. PCT/US2014/068116, filed on December 2, 2014, entitled "ENDOVASCULAR APPARATUS FOR PERFUSING ORGANS IN A BODY," which applications are collectively referred to as "the patent applications."

WHEREAS, UNIVERSITY OF PITTSBURGH – OF THE COMMONWEALTH SYSTEM OF HIGHER EDUCATION, a non-profit entity organized under the laws of the State of the Commonwealth of Pennsylvania, having a place of business at 200 Gardner Steel Conference Center, Thackeray and O'Hara Streets, Pittsburgh, Pennsylvania 15260, desires to acquire an interest therein:

NOW, THEREFORE, for good and valuable consideration, the receipt of which is hereby acknowledged, we, Bryan W. Tillmann and Amit D. Tevar hereby sell, assign, and transfer to UNIVERSITY OF PITTSBURGH – OF THE COMMONWEALTH SYSTEM OF HIGHER EDUCATION, the full and exclusive right, title, and interest in and to said invention, the patent applications, 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, the patent applications, and letters patent in this or any foreign country, and all corresponding non-provisional applications, divisions, continuations, continuations-in-part, reissues, and extensions thereof, to be held and enjoyed by UNIVERSITY OF PITTSBURGH - OF THE COMMONWEALTH SYSTEM OF HIGHER EDUCATION, 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 by 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 UNIVERSITY OF PITTSBURGH – OF THE COMMONWEALTH SYSTEM OF HIGHER EDUCATION, 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 UNIVERSITY OF PITTSBURGH – OF THE COMMONWEALTH SYSTEM OF HIGHER EDUCATION, 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 UNIVERSITY OF PITTSBURGH – OF THE COMMONWEALTH SYSTEM OF HIGHER EDUCATION.

We hereby grant the law firm of Klarquist Sparkman, LLP, the power to insert on this Assignment any further information that 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		Bryan W. Tillmann
	State)	<del></del>
on this day of	, 20	
STATE OF	) ) ss.	
COUNTY OF	)	
W. Tillmann, who executed	the foregoing instr	_, before me personally came the above-named Bryan rument in my presence, and who acknowledged to me Tillmann's own free will for the purpose set forth
		Notary Public For
		My commission expires:
[SEAL]		

A.		Amit D. Tevar
(City and State on this day of	e) _, 20	
STATE OF	) ) ss.	
COUNTY OF	)	
D. Tevar, who executed the foreg	going instrume	, before me personally came the above-named Amit nt in my presence, and who acknowledged to me that 's own free will for the purpose set forth therein.
[SEAL]		Notary Public For My commission expires:
At PHOLOGIA PA  (City and State on this Aday of Unuary	e) ., 20 <u>/5</u> .	Youngjae Chun
STATE OF PENNSYLVANIA	) ss.	_, before me personally came the above-named strument in my presence, and who acknowledged to
	66	, before me personally came the above-named strument in my presence, and who acknowledged to tjae Chun's own free will for the purpose set forth
		Notary Public For My commission expires 9/14/17
[SEAL]		COMMONWEALTH OF PENNSYLVANIA  Notarial Seal  Carla D. Crawford, Notary Public  City of Pittsburgh, Allegheny County  My Commission Expires Sept. 1, 2017  NEMBER, PENNSYLVANIA ASSOCIATION OF MY APPRA

Page 3 of 3