

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
 Stylesheet Version v1.2

EPAS ID: PAT5771591

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
DANIEL H. KIM	07/24/2018
DONG SUK SHIN	07/24/2018
VILJAR PALMRE	07/24/2018
YOUNGHEE SHIM	07/24/2018
RECEIVING PARTY DATA	
Name:	XCATH, INC.
Street Address:	9310 KIRBY DRIVE
Internal Address:	SUITE 100
City:	HOUSTON
State/Country:	TEXAS
Postal Code:	77054
Name:	THE BOARD OF REGENTS OF THE UNIVERSITY OF TEXAS SYSTEM
Street Address:	210 WEST 7TH STREET
City:	AUSTIN
State/Country:	TEXAS
Postal Code:	78701
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	16478425
CORRESPONDENCE DATA	
Fax Number:	(713)623-4846
<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>	
Phone:	713-623-4844
Email:	psdocketing@pattersonsheridan.com, tthomas@pattersonsheridan.com
Correspondent Name:	PATTERSON & SHERIDAN, L.L.P.
Address Line 1:	24 GREENWAY PLAZA, SUITE 1600
Address Line 4:	HOUSTON, TEXAS 77046
ATTORNEY DOCKET NUMBER:	XCTH/0002USP

NAME OF SUBMITTER:	TAMMI THOMAS
SIGNATURE:	/TAMMI THOMAS/
DATE SIGNED:	10/16/2019
Total Attachments: 9 source=XCTH0002USP_Executed Assignment both#page1.tif source=XCTH0002USP_Executed Assignment both#page2.tif source=XCTH0002USP_Executed Assignment both#page3.tif source=XCTH0002USP_Executed Assignment both#page4.tif source=XCTH0002USP_Executed Assignment both#page5.tif source=XCTH0002USP_Executed Assignment both#page6.tif source=XCTH0002USP_Executed Assignment both#page7.tif source=XCTH0002USP_Executed Assignment both#page8.tif source=XCTH0002USP_Executed Assignment both#page9.tif	

ASSIGNMENT FOR APPLICATION FOR PATENT

WHEREAS:

Names and Addresses of Inventors:

1)	Dong Suk Shin 4310 Dunlavy Street 445, Houston TX 77006
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(hereinafter referred to as Assignors), have invented a certain invention entitled:

**STEERABLE MEDICAL DEVICE WITH BRAIDED STRUCTURE AND THE
PREPARING METHOD THEREOF**

for which application for Letters Patent in the United States was filed on July 31, 2017, under Serial No. 62/539,338, executed on even date herewith; and

WHEREAS, XCath, Inc, a corporation of the State of Texas, having a place of business at 9310 Kirby Drive Suite 100, Houston, Texas 77054 (hereinafter referred to as Assignee), is desirous of acquiring the entire right, title and interest in and to said application (hereinafter referred to as Application), and the invention disclosed therein (hereinafter referred to as Invention), and in and to all embodiments of the invention, heretofore conceived, made or discovered by said Assignors, and in and to any and all patents, inventor's certificates and other forms of protection (hereinafter referred to as Patents) thereon granted in any and all countries and groups of countries.

NOW, THEREFORE, in consideration of good and valuable consideration acknowledged by said Assignors to have been received in full from said Assignee:

1. Said Assignors hereby sell, assign, transfer and convey to Assignee the full and exclusive right, title and interest (a) in and to said Application and said Invention; (b) in and to all rights to apply for patents on said Invention in any and all countries pursuant to the International Convention for the Protection of Industrial Property or otherwise; (c) in and to any and all Applications filed and any and all Patents granted on said Invention in any and all countries and groups of countries, including each and every Application filed and each and every Patent granted on any application which is a conventional, division, substitution, or continuation of said Application; and (d) in and to each and every reissue or extension of any of said Patents.

2. Said Assignors hereby covenant and agree to cooperate with said Assignee to enable said Assignee to enjoy to the fullest extent the right, title and interest to said Invention herein conveyed in any and all countries and groups of countries. Such cooperation by said Assignors shall include prompt production of pertinent facts and documents, giving testimony, execution of petitions, oaths, specifications, declarations or other papers, and other assistance all to the extent deemed necessary or desirable by said Assignee (a) for perfecting in said Assignee the right, title and interest herein conveyed; (b) for prosecuting any of said applications; (c) for filing and prosecuting substitute, conventional, divisional, continuing or additional applications covering said Invention; (d) for filing and prosecuting applications for reissuance of any of said Patents; (e) for interference or other priority proceedings involving said Invention; and (f) for legal proceedings involving said Invention and any application therefore and any Patents granted thereon, including without limitation opposition proceedings, cancellation proceedings, priority contests, public use proceedings, infringement actions and court actions; provided, however, that the expense incurred by said Assignors in providing such cooperation shall be paid for by said Assignee.

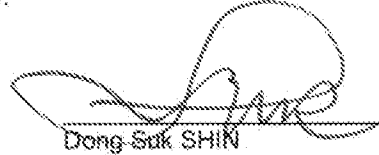
3. The term and covenants of this agreement shall inure to the benefit of said Assignee, its successors, assigns and other legal representatives, and shall be binding upon said Assignors, their respective heirs, legal representatives and assigns.

4. Said Assignors hereby warrant and represent that they have not entered and will not enter into any assignment, contract, or understanding in conflict herewith.

IN WITNESS WHEREOF, the said Assignors have executed and delivered this instrument to said Assignee on the dates indicated below.

1)

7/24/2018 (DATE)



Dong-Suk SHIN

ASSIGNMENT FOR APPLICATION FOR PATENT

WHEREAS:

Names and Addresses of Inventors:

1)	Viljar Palmre 1010 Portsmouth Drive Pearland TX 77584
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(hereinafter referred to as Assignors), have invented a certain invention entitled:

**STEERABLE MEDICAL DEVICE WITH BRAIDED STRUCTURE AND THE
PREPARING METHOD THEREOF**

for which application for Letters Patent in the United States was filed on July 31, 2017, under Serial No. 62/539,338, executed on even date herewith; and

WHEREAS, XCath, Inc, a corporation of the State of Texas, having a place of business at 9310 Kirby Drive Suite 100, Houston, Texas 77054 (hereinafter referred to as Assignee), is desirous of acquiring the entire right, title and interest in and to said application (hereinafter referred to as Application), and the invention disclosed therein (hereinafter referred to as Invention), and in and to all embodiments of the invention, heretofore conceived, made or discovered by said Assignors, and in and to any and all patents, inventor's certificates and other forms of protection (hereinafter referred to as Patents) thereon granted in any and all countries and groups of countries.

NOW, THEREFORE, in consideration of good and valuable consideration acknowledged by said Assignors to have been received in full from said Assignee:

1. Said Assignors hereby sell, assign, transfer and convey to Assignee the full and exclusive right, title and interest (a) in and to said Application and said Invention; (b) in and to all rights to apply for patents on said Invention in any and all countries pursuant to the International Convention for the Protection of Industrial Property or otherwise; (c) in and to any and all Applications filed and any and all Patents granted on said Invention in any and all countries and groups of countries, including each and every Application filed and each and every Patent granted on any application which is a conventional, division, substitution, or continuation of said Application; and (d) in and to each and every reissue or extension of any of said Patents.

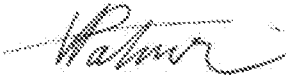
2. Said Assignors hereby covenant and agree to cooperate with said Assignee to enable said Assignee to enjoy to the fullest extent the right, title and interest to said Invention herein conveyed in any and all countries and groups of countries. Such cooperation by said Assignors shall include prompt production of pertinent facts and documents, giving testimony, execution of petitions, oaths, specifications, declarations or other papers, and other assistance all to the extent deemed necessary or desirable by said Assignee (a) for perfecting in said Assignee the right, title and interest herein conveyed; (b) for prosecuting any of said applications; (c) for filing and prosecuting substitute, conventional, divisional, continuing or additional applications covering said Invention; (d) for filing and prosecuting applications for reissuance of any of said Patents; (e) for interference or other priority proceedings involving said Invention; and (f) for legal proceedings involving said Invention and any application therefore and any Patents granted thereon, including without limitation opposition proceedings, cancellation proceedings, priority contests, public use proceedings, infringement actions and court actions; provided, however, that the expense incurred by said Assignors in providing such cooperation shall be paid for by said Assignee.

3. The term and covenants of this agreement shall inure to the benefit of said Assignee, its successors, assigns and other legal representatives, and shall be binding upon said Assignors, their respective heirs, legal representatives and assigns.

4. Said Assignors hereby warrant and represent that they have not entered and will not enter into any assignment, contract, or understanding in conflict herewith.

IN WITNESS WHEREOF, the said Assignors have executed and delivered this instrument to said Assignee on the dates indicated below.

1) 07/24/18 (DATE)



Viljar PALMRE

ASSIGNMENT FOR APPLICATION FOR PATENT

WHEREAS:

Names and Addresses of Inventors:

1)	Younghee Shim 2900 N Braeswood Blvd, Apt 3125, Houston, TX 77025
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(hereinafter referred to as Assignors), have invented a certain invention entitled:

**STEERABLE MEDICAL DEVICE WITH BRAIDED STRUCTURE AND THE
PREPARING METHOD THEREOF**

for which application for Letters Patent in the United States was filed on July 31, 2017, under Serial No. 62/539,338, executed on even date herewith; and

WHEREAS, XCath, Inc, a corporation of the State of Texas, having a place of business at 9310 Kirby Drive Suite 100, Houston, Texas 77054 (hereinafter referred to as Assignee), is desirous of acquiring the entire right, title and interest in and to said application (hereinafter referred to as Application), and the invention disclosed therein (hereinafter referred to as Invention), and in and to all embodiments of the Invention, heretofore conceived, made or discovered by said Assignors, and in and to any and all patents, inventor's certificates and other forms of protection (hereinafter referred to as Patents) thereon granted in any and all countries and groups of countries.

NOW, THEREFORE, in consideration of good and valuable consideration acknowledged by said Assignors to have been received in full from said Assignee:

1. Said Assignors hereby sell, assign, transfer and convey to Assignee the full and exclusive right, title and interest (a) in and to said Application and said Invention; (b) in and to all rights to apply for patents on said Invention in any and all countries pursuant to the International Convention for the Protection of Industrial Property or otherwise; (c) in and to any and all Applications filed and any and all Patents granted on said Invention in any and all countries and groups of countries, including each and every Application filed and each and every Patent granted on any application which is a conventional, division, substitution, or continuation of said Application; and (d) in and to each and every reissue or extension of any of said Patents.

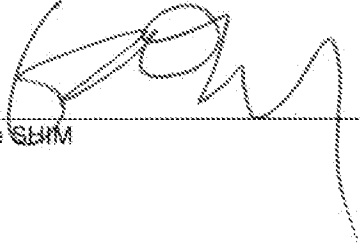
2. Said Assignors hereby covenant and agree to cooperate with said Assignee to enable said Assignee to enjoy to the fullest extent the right, title and interest to said Invention herein conveyed in any and all countries and groups of countries. Such cooperation by said Assignors shall include prompt production of pertinent facts and documents, giving testimony, execution of petitions, oaths, specifications, declarations or other papers, and other assistance all to the extent deemed necessary or desirable by said Assignee (a) for perfecting in said Assignee the right, title and interest herein conveyed; (b) for prosecuting any of said applications; (c) for filing and prosecuting substitute, conventional, divisional, continuing or additional applications covering said Invention; (d) for filing and prosecuting applications for reissuance of any of said Patents; (e) for interference or other priority proceedings involving said Invention; and (f) for legal proceedings involving said Invention and any application therefore and any Patents granted thereon, including without limitation opposition proceedings, cancellation proceedings, priority contests, public use proceedings, infringement actions and court actions; provided, however, that the expense incurred by said Assignors in providing such cooperation shall be paid for by said Assignee.

3. The term and covenants of this agreement shall inure to the benefit of said Assignee, its successors, assigns and other legal representatives, and shall be binding upon said Assignors, their respective heirs, legal representatives and assigns.

4. Said Assignors hereby warrant and represent that they have not entered and will not enter into any assignment, contract, or understanding in conflict herewith.

IN WITNESS WHEREOF, the said Assignors have executed and delivered this instrument to said Assignee on the dates indicated below.

1) 7/24/2018 (DATE)



Younghee SHIM

ASSIGNMENT

For valuable consideration paid to me by **THE BOARD OF REGENTS OF THE UNIVERSITY OF TEXAS SYSTEM**, the receipt and sufficiency of which is hereby acknowledged, I, **Daniel H. KIM** ("ASSIGNOR"), having made an invention in **STEERABLE MEDICAL DEVICE WITH BRAIDED STRUCTURE AND THE PREPARING METHOD THEREOF** ("Invention") while I was in the employ either as an employee or consultant of **THE UNIVERSITY OF TEXAS SYSTEM**, an entity organized and existing under the laws of the State of Texas, doing business at 210 West 7th Street, Austin, Texas U.S.A., 78701, do hereby ASSIGN, SELL and CONVEY to **THE BOARD OF REGENTS OF THE UNIVERSITY OF TEXAS SYSTEM** (hereinafter called "ASSIGNEE"), their successors and assigns, the entire right, title and interest throughout the world in and to:

1. U.S. Provisional Application on said Invention, Application No. 62/539,338 filed July 31, 2017, Attorney's File No. **XCATH/0002USL**, entitled **STEERABLE MEDICAL DEVICE WITH BRAIDED STRUCTURE AND THE PREPARING METHOD THEREOF** ("Invention");
2. All applications for patent or like protection on said Inventions that have now been or may in the future be made by me or my legal representatives, including any continuation, continuation-in-part and any other utility applications that may be based on these Inventions, whether in the United States of America or any other place anywhere in the world;
3. All patents and like protection that have now been or may in the future be granted on said Inventions to me or my legal representatives, whether in the United States of America or in any other country or place anywhere in the world;
4. All substitutions for and divisions, continuations, continuations-in-part, renewals, reissues, extensions, and the like of said applications and patents and like grants, including without limitation, those obtained or permissible under past, present and future laws and statutes;
5. All rights of action on account of past, present and future unauthorized use of said Inventions and for infringement of said patents and like protection;

- 6. The right in ASSIGNEE to file in their names, jointly, applications for patents and like protection for said Inventions in any country or countries foreign to the United States; and
- 7. All international rights of priority associated with said Inventions, applications, patents and like protection; and
- 8. All copyright in said Inventions and any registrations and copyright applications relating thereto and any renewals and extensions thereof, and in and to all works based upon, derived from, or incorporating said Inventions, and in and to all income, royalties, damages, claims and payments now or hereafter due or payable with respect thereto, and in and to all causes of action, either in law or in equity for past, present, or future infringement based on the copyrights, and in and to all rights corresponding to the foregoing throughout the world.

and I covenant that I, and my heirs, legal representatives, assigns, administrators, and executors, will, at the expense of ASSIGNEE, or their successors and assigns, execute all papers and perform such other acts as may be reasonably necessary to give ASSIGNEE, or their successors and assigns, the full benefit of this Assignment.

EXECUTED on the date indicated below, opposite my signature.

Date: 7/24/2018 _____

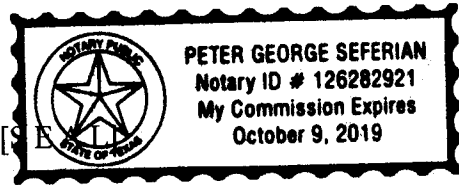
ASSIGNOR


Daniel H. KIM,

THE STATE OF Texas §
 COUNTY OF Harris §

BEFORE ME, the undersigned authority, on this day personally appeared **Daniel H. KIM**, known to me to be the person whose name is subscribed to the foregoing instrument, and acknowledged to me that he executed the same for the purposes and consideration therein expressed.

GIVEN UNDER MY HAND AND SEAL OF OFFICE, this the 24th day of July, 2018.



Peter George Seferian

Notary Public in and for
the State of T E X A S

My Commission Expires:

October 9, 2019