

PATENT ASSIGNMENT

Electronic Version v1.1  
Stylesheet Version v1.1

SUBMISSION TYPE:

NEW ASSIGNMENT

NATURE OF CONVEYANCE:

ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
Warren P. Williamson IV	02/21/2007
Jason I. Glithero	06/16/2008
Michael W. Goldenbogen	06/06/2008
Chadd R. Tyler	06/06/2008
Todd A. Hall	06/11/2008
Delos M. Cosgrove	08/18/2011

RECEIVING PARTY DATA

Name:	IDX MEDICAL, LTD.
Street Address:	101 Southbend Court
City:	Loveland
State/Country:	OHIO
Postal Code:	45140

Name:	ATRICURE, INC.
Street Address:	6033 Schumacher Park Drive
City:	West Chester
State/Country:	OHIO
Postal Code:	45069

Name:	THE CLEVELAND CLINIC FOUNDATION
Street Address:	9500 Euclid Avenue
City:	Cleveland
State/Country:	OHIO
Postal Code:	44106

PROPERTY NUMBERS Total: 1

Property Type	Number

501722718

PATENT  
REEL: 027221 FRAME: 0118

OP \$40.00 13194152

Application Number:	13194152
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**CORRESPONDENCE DATA**

Fax Number: (513)241-6234

Phone: 513-241-2324

Email: mhines@whe-law.com

*Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent via US Mail.*

Correspondent Name: Wood, Herron &amp; Evans, L.L.P.

Address Line 1: 441 Vine St, Suite 2700

Address Line 4: Cincinnati, OHIO 45202

ATTORNEY DOCKET NUMBER:	IDXAC-03CO
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NAME OF SUBMITTER:	Kevin G. Rooney
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**Total Attachments: 9**

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**ASSIGNMENT OF INVENTION AND PATENTS THEREON**

WHEREAS, I (we), Warren P. Williamson IV have invented an APPARATUS AND METHODS FOR OCCLUDING A HOLLOW ANATOMICAL STRUCTURE as fully disclosed in a PCT application so entitled and filed by me (us) on July 14, 2006, as International Application Serial No. PCT/US2006/027553.

WHEREAS, IDx Medical, Ltd. a corporation organized under the laws of the State of Delaware and having its principal office at 101 Southbend Court, Loveland, Ohio 45140, desires to acquire the entire interest in and to the subject matter disclosed in said application and in and to all patents issued or to be issued thereon.

NOW, THEREFORE, to all whom it may concern, be it known that, for and in consideration of the sum of One Dollar (\$1.00) to me (each of us) in hand paid, and other good and valuable consideration, the receipt of which is hereby acknowledged, I (we) have sold, assigned and transferred, and by these presents do sell, assign and transfer unto the said IDx Medical, Ltd. my (our) entire right, title and interest in and to the subject matter disclosed in said application and in and to all Letters Patent Domestic and Foreign issued or to be obtained thereon, including all rights and interests with priority rights under the Paris Convention for the Protection of Industrial Property, the International Patent Cooperative Union, European Patent Convention, Common Market Convention, or any other Convention or Union for each country of said Convention or Union; and I (we) do hereby authorize and request the Commissioner of Patents to issue the Letters Patent granted on said application and all future patents granted upon the subject matter disclosed therein to the above-named Assignee, its legal representatives and assigns.

Full Name of

First Inventor:

Williamson IV

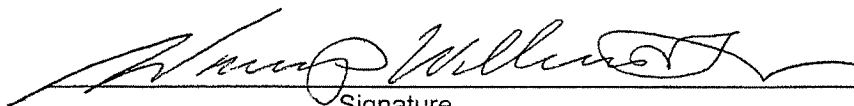
Warren

P.

Last Name

First Name

Middle Name



Signature

2-21-07

Date

Post Office

Address:

101 Southbend Court

Loveland, Ohio

45140

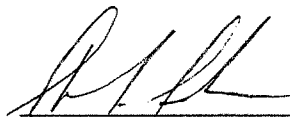
Post Office Address

City, State or County

Zip Code

STATE OF Ohio )  
COUNTY OF Hamilton ) SS

On this 22<sup>nd</sup> day of February, 2007 before me personally appeared Warren P. Williamson IV to me known and known by me to be the above-named individual who acknowledged the signing of the foregoing instrument to be a voluntary act and deed and who executed the same for the uses and purposes therein specified.



Notary Public

(Seal)

CHARLENE L. COSSLER  
NOTARY PUBLIC, STATE OF OHIO  
COMMISSION EXPIRES JAN. 22, 2012

**ASSIGNMENT OF INVENTION AND PATENTS THEREON**

WHEREAS, I (we), Jason I. Glithero, Michael W. Goldenbogen, Chadd R. Tyler and Todd A. Hall have invented an APPARATUS AND METHODS FOR OCCLUDING A HOLLOW ANATOMICAL STRUCTURE as fully disclosed in a PCT application so entitled and filed by me (us) on July 14, 2006 as International Application Serial No. PCT/US2006/027553 and a U.S. national phase application so entitled and filed by me (us) on January 4, 2008 as Application Serial No. 11/994,725.

WHEREAS, ATRICURE, INC., a corporation organized under the laws of the State of Delaware and having its principal office at 6033 Schumacher Park Drive, West Chester, Ohio 45069, desires to acquire the entire interest in and to the subject matter disclosed in said applications and in and to all patents issued or to be issued thereon.

NOW, THEREFORE, to all whom it may concern, be it known that, for and in consideration of the sum of One Dollar (\$1.00) to me (each of us) in hand paid, and other good and valuable consideration, the receipt of which is hereby acknowledged, I (we) have sold, assigned and transferred, and by these presents do sell, assign and transfer unto the said ATRICURE, INC. my (our) entire right, title and interest in and to the subject matter disclosed in said applications and in and to all Letters Patent Domestic and Foreign issued or to be obtained thereon, including all rights and interests with priority rights under the Paris Convention for the Protection of Industrial Property, the International Patent Cooperative Union, European Patent Convention, Common Market Convention, or any other Convention or Union for each country of said Convention or Union; and I (we) do hereby authorize and request the Commissioner of Patents to issue the Letters Patent granted on said applications and all future patents granted upon the subject matter disclosed therein to the above-named Assignee, its legal representatives and assigns.

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Assignment of Invention and Patents Thereon  
Title: Apparatus and Methods for Occluding a Hollow Anatomical Structure

**Full Name**

**Inventor:** Glithero Jason I.  
Last Name First Name Middle Name  
[Signature] 16-JUN-08  
Signature Date

**Post Office**

**Address:** 4074 Grasmere Run Mason, Ohio 45040  
Post Office Address City, State or County Zip Code

STATE OF Ohio )  
 ) SS  
COUNTY OF Warren )

On this 16<sup>th</sup> day of JUNE, 2008 before me personally appeared Jason I. Glithero to me known and known by me to be the above-named individual who acknowledged the signing of the foregoing instrument to be a voluntary act and deed and who executed the same for the uses and purposes therein specified.

Kathleen Fortney  
Notary Public

(SEAL)

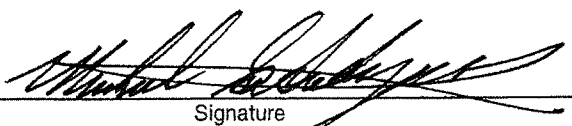
**KATHLEEN FORTNEY**  
Notary Public  
State of Ohio  
My Commission Expires Mar. 27, 2013

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Assignment of Invention and Patents Thereon  
Title: Apparatus and Methods for Occluding a Hollow Anatomical Structure

**Full Name**

**Inventor:** Goldenbogen Michael W.  
Last Name First Name Middle Name


 06/06/08  
Signature Date

**Post Office**

**Address:** 4139 Andrew Drive Floyds Knobs, Indiana 47119  
Post Office Address City, State or County Zip Code

STATE OF Indiana )  
COUNTY OF Clark ) SS

On this 6th day of June, 2008 before me personally appeared Michael W. Goldenbogen to me known and known by me to be the above-named individual who acknowledged the signing of the foregoing instrument to be a voluntary act and deed and who executed the same for the uses and purposes therein specified.

  
Notary Public

(SEAL)

-3-

Assignment of Invention and Patents Thereon  
Title: Apparatus and Methods for Occluding a Hollow Anatomical Structure

**PATENT**  
**REEL: 027221 FRAME: 0124**

**Full Name**

**Inventor:** Tyler Chadd R.  
Last Name First Name Middle Name

Chadd R. Tyler 6-6-08  
Signature Date

**Post Office**

**Address:** 4117 Lakeside Drive Sellersburg, Indiana 47172  
Post Office Address City, State or County Zip Code

STATE OF Indiana )  
COUNTY OF Clark ) SS

On this 6th day of June, 2008 before me personally appeared Chadd R. Tyler to me known and known by me to be the above-named individual who acknowledged the signing of the foregoing instrument to be a voluntary act and deed and who executed the same for the uses and purposes therein specified.

Lib M. Hull  
Notary Public

(SEAL)

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Assignment of Invention and Patents Thereon  
Title: Apparatus and Methods for Occluding a Hollow Anatomical Structure

**PATENT**  
**REEL: 027221 FRAME: 0125**



**Full Name**

**Inventor:** Hall Todd A.  
Last Name First Name Middle Name

Todd A. Hall 6-11-08  
Signature Date

**Post Office**

**Address:** 1111 Crestview Way Goshen, Ohio 40026  
Post Office Address City, State or County Zip Code

STATE OF Indiana )  
COUNTY OF Clark ) SS

On this 11th day of June, 2008 before me personally appeared Todd A. Hall to me known and known by me to be the above-named individual who acknowledged the signing of the foregoing instrument to be a voluntary act and deed and who executed the same for the uses and purposes therein specified.

Sarah M. Hall  
Notary Public

(SEAL)

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Assignment of Invention and Patents Thereon  
Title: Apparatus and Methods for Occluding a Hollow Anatomical Structure

## ASSIGNMENT

For good and valuable consideration received from the hereinafter named assignee, receipt of which is hereby acknowledged, I, the undersigned,

Delos M. Cosgrove residing at 34115 Fairmount Blvd., Hunting Valley, Ohio 44022

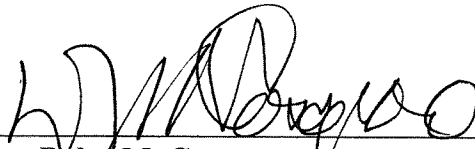
hereby assigns all right, title and interest to **The Cleveland Clinic Foundation**, a tax-exempt organization duly organized and existing under the laws of the State of Ohio, having a place of business at 9500 Euclid Avenue, Cleveland, Ohio 44106, its successors and assigns, the entire right, title and interest, so far as concerns the United States and the Territories and Possessions thereof and all foreign countries, in and to the inventions set forth in the application for United States Letters Patent Application Serial No. 13/194,152, filed on July 29, 2011, drawn to Apparatus and Methods for Occluding a Hollow Anatomical Structure, and any and all other applications for Letters Patent on said inventions in the United States and in all countries foreign to the United States, including but not limited to all provisional, divisional, renewal, substitute, continuation, PCT and Convention applications based in whole or in part upon said inventions or upon said applications, and any and all Letters Patents and reissues and extension of Letters Patent granted for said inventions or upon said applications, and every priority right that is or may be predicated upon or arise from said inventions, said applications and said Letters Patent; said assignee being hereby authorized to file patent applications in any or all countries on any or all said inventions in the name of the undersigned or in the name of said assignee or otherwise as said assignee may deem advisable; the Commissioner of Patents of the United States of America and the empowered officials of all other governments being hereby authorized to issue or transfer all said Letters Patent to said assignee in accordance herewith; this assignment being under covenant, not only that full power to make the same is had by the undersigned, but also that such assigned right is not encumbered by any grant, license, or other right heretofore given, and that the undersigned will do all acts reasonably serving to assure that the said inventions, patent applications and Letters Patent shall be held and enjoyed by said assignee as fully and entirely as the same could have been held and enjoyed by the undersigned if this assignment had not been made, and particularly to execute and deliver to said assignee all lawful documents including petitions, specifications, oaths, declarations, assignments, invention disclaimers, and lawful affidavits in form and in substance which may be requested by said assignee, to furnish said assignee with all facts relating to said inventions or the history thereof and any and all documents, photographs, models, samples or other physical exhibits which may be useful for establishing the facts of conception, disclosure and reduction to practice of said inventions, and the testify in any proceedings relating to said inventions, patent applications and Letters Patent.

**Inventor 1:**

Date: 8/18/11

State of Ohio )

County of CUYAHOGA )

  
Name: Delos M. Cosgrove

On this, the 18<sup>th</sup> day of AUGUST, 2011, Delos M. Cosgrove personally appeared before me, to me known to be the person named in and who executed the above Assignment, and acknowledged to me that he executed the same for the uses and the purposes therein mentioned.

SEAL

  
NOTARY PUBLIC



HEATHER M. LENIX  
NOTARY PUBLIC - OHIO  
MY COMMISSION EXPIRES OCTOBER 18, 2015