

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
 Stylesheet Version v1.2

EPAS ID: PAT4764812

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
ADAM JOHN EDELHAUSER	05/17/2016
ASHISH GANGWAR	01/04/2018
SRIDHAR ANJANAPPA	10/13/2017
SUBASH K. MANNANAL	10/12/2017
PATRICK VALLI	10/12/2017
RECEIVING PARTY DATA	
Name:	STRYKER EUROPEAN HOLDINGS I, LLC
Street Address:	2825 AIRVIEW BOULEVARD
City:	KALAMAZOO
State/Country:	MICHIGAN
Postal Code:	49002
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	15629957
CORRESPONDENCE DATA	
Fax Number:	(908)654-0415
<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:	(908) 518-6335
Email:	assignment@lernerdavid.com
Correspondent Name:	LERNER, DAVID, LITTENBERG, KRUMHOLZ & MENTLIK, LLP
Address Line 1:	600 SOUTH AVENUE WEST
Address Line 4:	WESTFIELD, NEW JERSEY 07090
ATTORNEY DOCKET NUMBER:	TRAUMA 3.12F-849 CON
NAME OF SUBMITTER:	SOPHIA H. BUCHAN
SIGNATURE:	/Sophia H. Buchan/
DATE SIGNED:	01/08/2018
This document serves as an Oath/Declaration (37 CFR 1.63).	
Total Attachments: 5	

source=Executed Declarations_Assignments- Mannanal-Anjanappa-Valli#page1.tif
source=Executed Declarations_Assignments- Mannanal-Anjanappa-Valli#page2.tif
source=Executed Declarations_Assignments- Mannanal-Anjanappa-Valli#page3.tif
source=Ashish Executed Declaration_Assignment#page1.tif
source=Edelhauser - Executed Combined Declaration and Assignment from PARENT#page1.tif

COMBINED DECLARATION AND ASSIGNMENT FOR UTILITY OR DESIGN APPLICATION (37 CFR 1.63) USING
AN APPLICATION DATA SHEET

Attorney, Docket No. TRAUMA 3.0F-849

Title of the Invention ("Invention") RING HOLE PLANNING FOR EXTERNAL FIXATION FRAMES

Legal Name of Inventor/Assignor ("Inventor/Assignor") Subash K. Mannanal

Assignee ("Assignee") Stryker European Holdings I, LLC, limited liability company incorporated under the laws of the State of Delaware, having its principal place of business at 2825 Airview Boulevard, Kalamazoo, MI 49002, United States of America, acting in its capacity as sole general partner of STRYKER EUROPEAN TECHNOLOGIES C.V., a limited partnership established under the laws of the Netherlands ("commanditaire vennootschap"), having its registered office at Canon's Court, 22 Victoria Street, Hamilton, HM 12, Bermuda.

DECLARATION

As named inventor, I hereby declare that:

(i) this declaration is directed to:

☐ The attached Application

OR

☒ United States Application Number or PCT International Application Number 15/133,649
filed on 4/20/2016

(ii) the above-identified Application is/was made or authorized to be made by me;

(iii) I believe I am the original inventor or an original joint inventor of a claimed invention in the above-identified Application; and

(iv) I hereby acknowledge that any willful false statement made in this declaration is punishable under 18 U.S.C. 1001 by fine or imprisonment of not more than five (5) years, or both.

WHEREAS, Assignor wishes to assign to Assignee, and Assignee wishes to acquire, the entire right, title, and interest to the Invention and the Application;

NOW, THEREFORE, for good and valuable consideration, the receipt and adequacy of which are hereby acknowledged, Assignor hereby sells, assigns, transfers and sets over to Assignee, and Assignee hereby accepts, the entire right, title and interest, for the United States of America and all other countries, in and to the Invention and the Application and all original, divisional, continuation, continuation-in-part, substitute or reissue applications and patents applied for or granted therefor in the United States of America and all other countries for the Invention, including without limitation all applications and patents for the Invention claiming priority or benefit of the Application pursuant to any law or treaty, and including all claims for damages by reason of past infringement with the right to sue for and collect the same for its own use and the use of its successors, assigns and legal representatives, and including the right to claim such priority or benefit, and the Commissioner of Patents and Trademarks and the Patent Office officials in foreign countries as are duly authorized by the respective foreign patent laws to issue patents are hereby authorized and requested to issue all patents on said improvements or resulting therefrom to Assignee, as assignee of the entire interest therein; and the Assignor does hereby agree and covenant without further remuneration, to execute and deliver all original, divisional, continuation, continuation-in-part, reissue and other applications for Letters Patent on the Invention and all assignments thereof to Assignee or its assigns, to communicate to Assignee or its representatives all facts known to the undersigned respecting the Invention, whenever requested, to testify in any interferences or other legal proceedings in which the Application and any related applications or patents may become involved, to sign all lawful papers, make all rightful oaths, and to do generally everything necessary to aid Assignee, its successors, assigns and nominees to obtain patent protection for said improvements in all countries, the expenses incident to said applications to be borne and paid by Assignee.

Assignor does hereby authorize the attorneys of Assignee and their assigns to insert on this Assignment the filing date and application number of said Application when known.

I, as assignor, hereby assign to said assignee all of my right, title and interest in United States Provisional Application No. _____, filed _____ ("Provisional(s)"), and in the invention disclosed thereto in all countries of the world including the right to claim priority or benefit of the Provisional(s) pursuant to any law or treaty in the countries of the world.

WARNING: According to 37 C.F.R. 1.63 (c), "[a] person may not execute an oath or declaration unless the person has reviewed and understands the contents of the application, including claims and is aware of the duty to disclose to the Office all information known to be material to patentability as defined in 1.56."

ASSIGNOR

By: Subash K. Mannanal

Printed: SUBASH K. MANNANAL

Title: PROJECT ENGINEER

Date: 10/12/2017

STATE OF NJ)

: ss.

COUNTY OF Bergen

The person whose name is subscribed to the accompanying instrument is personally known to me or has proved his/her identity to me on the basis of satisfactory evidence. On October 12, 2017, he/she appeared before me and acknowledged that he/she has read the accompanying instrument and knows the contents thereof, and that he/she executed the same as their free act and deed for the purposes set forth therein. If he/she is acting on behalf of an entity, he/she also acknowledged that he/she executed the accompanying instrument in his/her authorized capacity, and that by his/her signature on the instrument, the entity executed the same.

Ashley M. Salerno
NOTARY PUBLIC
Residing at Passaic County, NJ

My Commission Expires: NOTARY PUBLIC OF NEW JERSEY

My Commission Expires 7/31/2018

ASSIGNEE

By: Robert Leonard

Printed: ROBERT LEONARD

Title: IP AGENT

Date: 16 OCT 17

STATE OF NJ)

: ss.

COUNTY OF Bergen

The person whose name is subscribed to the accompanying instrument is personally known to me or has proved his/her identity to me on the basis of satisfactory evidence. On October 16, 2017, he/she appeared before me and acknowledged that he/she has read the accompanying instrument and knows the contents thereof, and that he/she executed the same as their free act and deed for the purposes set forth therein. If he/she is acting on behalf of an entity, he/she also acknowledged that he/she executed the accompanying instrument in his/her authorized capacity, and that by his/her signature on the instrument, the entity executed the same.

Ashley M. Salerno
NOTARY PUBLIC
Residing at Passaic County, NJ

My Commission Expires: NOTARY PUBLIC OF NEW JERSEY

My Commission Expires 7/31/2018

COMBINED DECLARATION AND ASSIGNMENT FOR UTILITY OR DESIGN APPLICATION (37 CFR 1.63) USING
AN APPLICATION DATA SHEET

Attorney Docket No.

TRAUMA 3 OF 340

Title of the Invention ("Invention")

RING HOLE PLANNING FOR EXTERNAL FIXATION FRAMES

Legal Name of Inventor/Assignor
("Inventor/Assignor")

Sridhar Anjanappa

Assignee ("Assignee")

Stryker European Holdings I, LLC, limited liability company incorporated under the laws of the State of Delaware, having its principal place of business at 2825 Airview Boulevard, Kalamazoo, MI 49002, United States of America, acting in its capacity as sole general partner of STRYKER EUROPEAN TECHNOLOGIES C.V., a limited partnership established under the laws of the Netherlands ("commanditaire vennootschap"), having its registered office at Canon's Court, 22 Victoria Street, Hamilton, HM 12, Bermuda.

DECLARATION

As named inventor, I hereby declare that:

(i) this declaration is directed to:

☐

The attached Application

OR

☒

United States Application Number or PCT International Application Number

15/133,645

filed on 4/20/2016

(ii) the above-identified Application is/was made or authorized to be made by me;

(iii) I believe I am the original inventor or an original joint inventor of a claimed invention in the above-identified Application; and

(iv) I hereby acknowledge that any willful false statement made in this declaration is punishable under 18 U.S.C. 1001 by fine or imprisonment of not more than five (5) years, or both.

WHEREAS, Assignor wishes to assign to Assignee, and Assignee wishes to acquire, the entire right, title, and interest to the Invention and the Application:

NOW, THEREFORE, for good and valuable consideration, the receipt and adequacy of which are hereby acknowledged, Assignor hereby sells, assigns, transfers and sets over to Assignee, and Assignee hereby accepts, the entire right, title and interest, for the United States of America and all other countries, in and to the invention and the Application and all original, divisional, continuation, continuation-in-part, substitute or reissue applications and patents for the invention or granted therefor in the United States of America and all other countries for the invention, including without limitation all applications and patents for the invention claiming priority or benefit of the Application pursuant to any law or treaty, and including all claims for damages by reason of past infringement with the right to sue for and collect the same for its own use and the use of its successors, assigns and legal representatives, and including the right to claim such priority or benefit, and the Commissioner of Patents and Trademarks and the Patent Office officials in foreign countries as are duly authorized by the respective foreign patent laws to issue patents are hereby authorized and requested to issue all patents on said improvements or resulting therefrom to Assignee, as assignee of the entire interest therein; and the Assignor does hereby agree and covenant without further remuneration, to execute and deliver all original, divisional, continuation, continuation-in-part, reissue and other applications for Letters Patent on the invention and all assignments thereof to Assignee or its assigns, to communicate to Assignee or its representatives all facts known to the undersigned respecting the invention, whenever requested, to testify in any interferences or other legal proceedings in which the Application and any related applications or patents may become involved, to sign all lawful papers, make all rightful oaths, and to do generally everything necessary to aid Assignee, its successors, assigns and nominees to obtain patent protection for said improvements in all countries, the expenses incident to said applications to be borne and paid by Assignee.

Assignor does hereby authorize the attorneys of Assignee and their assigns to insert on this Assignment the filing date and application number of said Application when known.

I, as assignor, hereby assign to said assignee all of my right, title and interest in United States Provisional Application No. _____

filed _____ ("Provisional(s)"), and in the invention disclosed thereto in all countries of the world including the right to claim priority or benefit of the Provisional(s) pursuant to any law or treaty in the countries of the world.

WARNING: According to 37 C.F.R. 1.63 (c), "[a] person may not execute an oath or declaration unless the person has reviewed and understands the contents of the application, including claims and is aware of the duty to disclose to the Office all information known to be material to patentability as defined in 1.56."

ASSIGNOR

By: _____

Printed: **SRIDHAR ANJANAPPA**

Title: **R&D Manager**

Date: **13-Oct-2017**

STATE OF _____

COUNTY OF _____

The person whose name is subscribed to the accompanying instrument is personally known to me or has proved his/her identity to me on the basis of satisfactory evidence. On _____ he/she appeared before me and acknowledged that he/she has read the accompanying instrument and knows the contents thereof, and that he/she executed the same as their free act and deed for the purposes set forth therein. If he/she is acting on behalf of an entity, he/she also acknowledged that he/she executed the accompanying instrument in his/her authorized capacity, and that by his/her signature on the instrument, the entity executed the same.

NOTARY PUBLIC

Residing at _____

My Commission Expires: _____

ASSIGNEE

By: _____

Printed: **Robert Lemmon**

Title: **IP/PALENT**

Date: **16 Oct 17**

STATE OF _____

COUNTY OF _____

The person whose name is subscribed to the accompanying instrument is personally known to me or has proved his/her identity to me on the basis of satisfactory evidence. On **16 Oct 2017** he/she appeared before me and acknowledged that he/she has read the accompanying instrument and knows the contents thereof, and that he/she executed the same as their free act and deed for the purposes set forth therein. If he/she is acting on behalf of an entity, he/she also acknowledged that he/she executed the accompanying instrument in his/her authorized capacity, and that by his/her signature on the instrument, the entity executed the same.

NOTARY PUBLIC

Residing at _____

My Commission Expires: _____

REEL: 044564 FRAME: 0843

COMBINED DECLARATION AND ASSIGNMENT FOR UTILITY OR DESIGN APPLICATION (37 CFR 1.63) USING
AN APPLICATION DATA SHEET

Attorney, Docket No. TRAUMA 3.0F-849

Title of the Invention ("Invention") RING HOLE PLANNING FOR EXTERNAL FIXATION FRAMES

Legal Name of Inventor/Assignor
("Inventor/Assignor") Patrick Valli

Assignee ("Assignee") Stryker European Holdings I, LLC, limited liability company incorporated under the laws of the State of Delaware, having its principal place of business at 2825 Airview Boulevard, Kalamazoo, MI 49002, United States of America, acting in its capacity as sole general partner of STRYKER EUROPEAN TECHNOLOGIES C.V., a limited partnership established under the laws of the Netherlands ("commanditaire vennootschap"), having its registered office at Canon's Court, 22 Victoria Street, Hamilton, HM 12, Bermuda.

DECLARATION

As named inventor, I hereby declare that:

(i) this declaration is directed to:

☐ The attached Application

OR

☒ United States Application Number or PCT International Application Number
filed on 4/20/2016

15/133,849

(ii) the above-identified Application is/was made or authorized to be made by me;

(iii) I believe I am the original inventor or an original joint inventor of a claimed invention in the above-identified Application; and

(iv) I hereby acknowledge that any willful false statement made in this declaration is punishable under 18 U.S.C. 1001 by fine or imprisonment of not more than five (5) years, or both.

WHEREAS, Assignor wishes to assign to Assignee, and Assignee wishes to acquire, the entire right, title, and interest to the Invention and the Application;

NOW, THEREFORE, for good and valuable consideration, the receipt and adequacy of which are hereby acknowledged, Assignor hereby sells, assigns, transfers and sets over to Assignee, and Assignee hereby accepts, the entire right, title and interest, for the United States of America and all other countries, in and to the Invention and the Application and all original, divisional, continuation, continuation-in-part, substitute or reissue applications and patents applied for or granted therefor in the United States of America and all other countries for the Invention, including without limitation all applications and patents for the Invention claiming priority or benefit of the Application pursuant to any law or treaty, and including all claims for damages by reason of past infringement with the right to sue for and collect the same for its own use and the use of its successors, assigns and legal representatives, and including the right to claim such priority or benefit, and the Commissioner of Patents and Trademarks and the Patent Office officials in foreign countries as are duly authorized by the respective foreign patent laws to issue patents are hereby authorized and requested to issue all patents on said improvements or resulting therefrom to Assignee, as assignee of the entire interest therein; and the Assignor does hereby agree and covenant without further remuneration, to execute and deliver all original, divisional, continuation, continuation-in-part, reissue and other applications for Letters Patent on the Invention and all assignments thereof to Assignee or its assigns, to communicate to Assignee or its representatives all facts known to the undersigned respecting the Invention, whenever requested, to testify in any interferences or other legal proceedings in which the Application and any related applications or patents may become involved, to sign all lawful papers, make all rightful oaths, and to do generally everything necessary to aid Assignee, its successors, assigns and nominees to obtain patent protection for said improvements in all countries, the expenses incident to said applications to be borne and paid by Assignee.

Assignor does hereby authorize the attorneys of Assignee and their assigns to insert on this Assignment the filing date and application number of said Application when known.

I, as assignor, hereby assign to said assignee all of my right, title and interest in United States Provisional Application No. _____, filed _____ ("Provisional(s)"), and in the invention disclosed thereto in all countries of the world including the right to claim priority or benefit of the Provisional(s) pursuant to any law or treaty in the countries of the world.

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ASSIGNOR

By: Patrick R. Valli

Printed: Patrick R. Valli

Title: Sales Representative

Date: 10/12/2017

STATE OF New Jersey)

: ss.

COUNTY OF United States)

The person whose name is subscribed to the accompanying instrument is personally known to me or has proved his/her identity to me on the basis of satisfactory evidence. On _____ he/she appeared before me and acknowledged that he/she has read the accompanying instrument and knows the contents thereof, and that he/she executed the same as their free act and deed for the purposes set forth therein. If he/she is acting on behalf of an entity, he/she also acknowledged that he/she executed the accompanying instrument in his/her authorized capacity, and that by his/her signature on the instrument, the entity executed the same.

NOTARY PUBLIC

Residing at _____

My Commission Expires: _____

ASSIGNEE

By: Robert Leonard

Printed: Robert Leonard

Title: IP ALERT

Date: 16 OCT 17

STATE OF NJ)

: ss.

COUNTY OF Bergen)

The person whose name is subscribed to the accompanying instrument is personally known to me or has proved his/her identity to me on the basis of satisfactory evidence. On OK 10/12/2017 he/she appeared before me and acknowledged that he/she has read the accompanying instrument and knows the contents thereof, and that he/she executed the same as their free act and deed for the purposes set forth therein. If he/she is acting on behalf of an entity, he/she also acknowledged that he/she executed the accompanying instrument in his/her authorized capacity, and that by his/her signature on the instrument, the entity executed the same.

NOTARY PUBLIC

Residing at Passaic County, NJ

My Commission Expires: ASHLEY M. SALERNO

NOTARY PUBLIC OF NEW JERSEY

My Commission Expires 7/12/2018

PATENT

REEL: 044561 FRAME: 0844

COMBINED DECLARATION AND ASSIGNMENT FOR UTILITY OR DESIGN APPLICATION (37 CFR 1.63) USING
AN APPLICATION DATA SHEET

Attorney, Docket No. TRAUMA 3.0F-849

Title of the Invention ("Invention") RING HOLE PLANNING FOR EXTERNAL FIXATION FRAMES

Legal Name of Inventor/Assignor ("Inventor/Assignor") Ashish Gangwar

Assignee ("Assignee") Stryker European Holdings I, LLC, limited liability company incorporated under the laws of the State of Delaware, having its principal place of business at 2825 Airview Boulevard, Kalamazoo, MI 49002, United States of America, acting in its capacity as sole general partner of STRYKER EUROPEAN TECHNOLOGIES C.V., a limited partnership established under the laws of the Netherlands ("commanditaire vennootschap"), having its registered office at Canon's Court, 22 Victoria Street, Hamilton, HM 12, Bermuda.

DECLARATION

As named inventor, I hereby declare that:

(i) this declaration is directed to:

☐ The attached Application

OR

☒ United States Application Number or PCT International Application Number 15/133,649

filed on 4/20/2016

(ii) the above-identified Application is/was made or authorized to be made by me;

(iii) I believe I am the original inventor or an original joint inventor of a claimed invention in the above-identified Application; and

(iv) I hereby acknowledge that any willful false statement made in this declaration is punishable under 18 U.S.C. 1001 by fine or imprisonment of not more than five (5) years, or both.

WHEREAS, Assignor wishes to assign to Assignee, and Assignee wishes to acquire, the entire right, title, and interest to the invention and the Application;

NOW, THEREFORE, for good and valuable consideration, the receipt and adequacy of which are hereby acknowledged, Assignor hereby sells, assigns, transfers and sets over to Assignee, and Assignee hereby accepts, the entire right, title and interest, for the United States of America and all other countries, in and to the invention and the Application and all original, divisional, continuation, continuation-in-part, substitute or reissue applications and patents applied for or granted therefor in the United States of America and all other countries for the invention, including without limitation all applications and patents for the invention claiming priority or benefit of the Application pursuant to any law or treaty, and including all claims for damages by reason of past infringement with the right to sue for and collect the same for its own use and the use of its successors, assigns and legal representatives, and including the right to claim such priority or benefit, and the Commissioner of Patents and Trademarks and the Patent Office officials in foreign countries as are duly authorized by the respective foreign patent laws to issue patents are hereby authorized and requested to issue all patents on said improvements or resulting therefrom to Assignee, as assignee of the entire interest therein; and the Assignor does hereby agree and covenant without further remuneration, to execute and deliver all original, divisional, continuation, continuation-in-part, reissue and other applications for Letters Patent on the invention and all assignments thereof to Assignee or its assigns, to communicate to Assignee or its representatives all facts known to the undersigned respecting the invention, whenever requested, to testify in any interferences or other legal proceedings in which the Application and any related applications or patents may become involved, to sign all lawful papers, make all rightful oaths, and to do generally everything necessary to aid Assignee, its successors, assigns and nominees to obtain patent protection for said improvements in all countries, the expenses incident to said applications to be borne and paid by Assignee.

Assignor does hereby authorize the attorneys of Assignee and their assigns to insert on this Assignment the filing date and application number of said Application when known.

I, as assignor, hereby assign to said assignee all of my right, title and interest in United States Provisional Application No. _____, filed _____ ("Provisional(s)"), and in the invention disclosed thereto in all countries of the world including the right to claim priority or benefit of the Provisional(s) pursuant to any law or treaty in the countries of the world.

WARNING: According to 37 C.F.R. 1.63 (c), "[a] person may not execute an oath or declaration unless the person has reviewed and understands the contents of the application, including claims and is aware of the duty to disclose to the Office all information known to be material to patentability as defined in 1.56."

ASSIGNOR

By: Ashish Gangwar

Printed: ASHISH GANGWAR

Title: STAFF ENGINEER

Date: 04 JAN 2016

STATE OF IN : ss.

COUNTY OF BANDH

The person whose name is subscribed to the accompanying instrument is personally known to me or has proved his/her identity to me on the basis of satisfactory evidence. On _____ he/she appeared before me and acknowledged that he/she has read the accompanying instrument and knows the contents thereof, and that he/she executed the same as their free act and deed for the purposes set forth therein. If he/she is acting on behalf of an entity, he/she also acknowledged that he/she executed the accompanying instrument in his/her authorized capacity, and that by his/her signature on the instrument, the entity executed the same.

NOTARY PUBLIC
Residing at _____

My Commission Expires: _____

ASSIGNEE

By: Robert J. Leonard

Printed: ROBERT J. LEONARD

Title: IP Agent

Date: 08 JAN 16

STATE OF NY : ss.

COUNTY OF Schenectady

The person whose name is subscribed to the accompanying instrument is personally known to me or has proved his/her identity to me on the basis of satisfactory evidence. On _____ he/she appeared before me and acknowledged that he/she has read the accompanying instrument and knows the contents thereof, and that he/she executed the same as their free act and deed for the purposes set forth therein. If he/she is acting on behalf of an entity, he/she also acknowledged that he/she executed the accompanying instrument in his/her authorized capacity, and that by his/her signature on the instrument, the entity executed the same.

NOTARY PUBLIC
Residing at Passaic County, NJ, USA

My Commission Expires: _____

**COMBINED DECLARATION AND ASSIGNMENT FOR UTILITY OR DESIGN APPLICATION (37 CFR 1.63) USING
AN APPLICATION DATA SHEET**

Attorney, Docket No. TRAUMA 3.0F-849
Title of the Invention ("Invention") RING HOLE PLANNING FOR EXTERNAL FIXATION FRAMES
Legal Name of Inventor ("Inventor") Adam John Edelhauser
Assignee ("Assignee") Stryker European Holdings I, LLC, incorporated in Michigan, and having a place of business at 2825 Airview Boulevard; Kalamazoo, Michigan 49002

DECLARATION

As named inventor, I hereby declare that:

This declaration is directed to:

☐ The attached Application

OR

☒ United States Application Number or PCT International Application Number 15/133,649
filed on April 20, 2016

that the above-identified Application is/was made or authorized to be made by me;

that I believe I am the original inventor or an original joint inventor of a claimed invention in the above-identified Application; and

that I hereby acknowledge that any willful false statement made in this declaration is punishable under 18 U.S.C. 1001 by fine or imprisonment of not more than five (5) years, or both.

ASSIGNMENT

IN ADDITION TO MAKING THIS DECLARATION, WHEREAS the Assignee is desirous of acquiring, or has acquired and is desirous of memorializing its acquisition further herein, my entire right, title and interest in the above-identified Application,

NOW, THEREFORE, for good and valuable consideration the receipt of which is hereby acknowledged, I agree to assign, and hereby do assign, to Assignee my entire right, title and interest in and to the Application in the United States of America and all other countries, including any and all inventions, discoveries and other subject matter described therein, any divisional, continuation, continuation-in-part, conversion, non-provisional, substitute, reissue, re-examination certificate following Inter Partes Review, certificate following Post Grant Review, all other applications claiming priority to or benefit of the Application pursuant to any law or treaty, and any patent issuing from any of the foregoing. I agree to assign, and hereby do assign, to Assignee the right to claim such priority or benefit. I have not previously conveyed, nor am I aware of an obligation to convey, my rights in the Application to a third party. I hereby authorize the U.S. Patent and Trademark Office, and any other governmental agency in the world, to issue to Assignee all patents resulting from the Application and to record Assignee's ownership thereof. At Assignee's reasonable request I agree, without further remuneration, to execute and deliver documents prepared at Assignee's expense and to provide other cooperation, such as testimony, as may be reasonably required to evidence or protect Assignee's rights in the Application. Assignee may assign or transfer all or part of its rights set forth herein in its sole discretion. I agree that the Assignee may affix its signature to this document as well as any other indicia of its acceptance of the provisions hereof. If any provision herein is unenforceable, the requirements of the provision shall remain to the full extent permissible by law and the offending portions thereof shall be deemed replaced, to the extent possible, with a provision most closely reflecting the purpose of the offending provision.

5/17/16
(Date)


Adam John Edelhauser

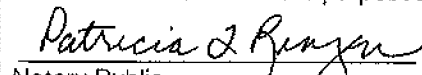
WARNING

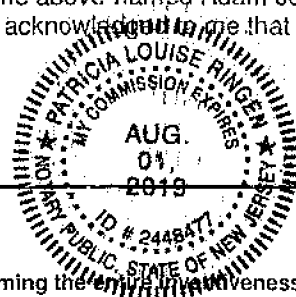
According to 37 C.F.R. 1.63 (c), "[a] person may not execute an oath or declaration unless the person has reviewed and understands the contents of the application, including claims and is aware of the duty to disclose to the Office all information known to be material to patentability as defined in 1.56."

State of NEW JERSEY) SS:

County of MORRIS)

On this 17th of MAY, 2016 before me personally came above-named Adam John Edelhauser, to me personally known as the individual who executed the foregoing instrument, who acknowledged to me that the same was executed by him/her of his/her own free will for the purposes therein set forth.


Notary Public



An Application Data Sheet (PTO/SB/14 or Equivalent) naming the inventor or joint inventors and the ownership entity must accompany this form unless previously submitted.

RECORDED: 01/08/2018

PATENT
REEL: 044561 FRAME: 0846