

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
 Stylesheet Version v1.2

EPAS ID: PAT5004093

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|---|--|
| SUBMISSION TYPE: | NEW ASSIGNMENT |
| NATURE OF CONVEYANCE: | ASSIGNMENT |
| CONVEYING PARTY DATA | |
| Name | Execution Date |
| JOSHUA STEIN | 08/18/2017 |
| STEVEN F. KRAUSE | 08/17/2017 |
| ANTHONY J. WIRTEL III | 07/20/2017 |
| CHARLES L. BUSH JR. | 08/17/2017 |
| 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: | 15649903 |
| CORRESPONDENCE DATA | |
| Fax Number: | (908)654-7866 |
| <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: | 9086545000 |
| Email: | ASSIGNMENT@LERNERDAVID.COM |
| Correspondent Name: | LERNER, DAVID, LITTENBERG, KRUMHOLZ & MENTLIK, LLP |
| Address Line 1: | 600 SOUTH AVE W |
| Address Line 4: | WESTFIELD, NEW JERSEY 07090 |
| ATTORNEY DOCKET NUMBER: | SPINE.9156 |
| NAME OF SUBMITTER: | JACLYN RICCI |
| SIGNATURE: | /JACLYN RICCI/ |
| DATE SIGNED: | 06/13/2018 |
| Total Attachments: 4 | |
| source=SPINE.9156 Assignments#page1.tif | |
| source=SPINE.9156 Assignments#page2.tif | |
| source=SPINE.9156 Assignments#page3.tif | |

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

Attorney, Docket No. SPINE 3.0F-626
Title of the Invention ("Invention") SPINAL FIXATION ASSEMBLY
Legal Name of Inventor ("Inventor") Joshua Stein
Assignee ("Assignee") Stryker European Holdings I, LLC, incorporated in Kalamazoo, 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 15/649,903
filed on July 14, 2017

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

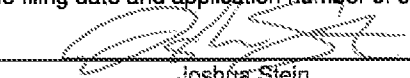
IN ADDITION TO MAKING THIS DECLARATION, WHEREAS the Assignee is desirous of acquiring, or has acquired and is desirous of memorializing its acquisition further herein, my entire right, title and interest in the above-identified Application.

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.

I, as assignor, hereby assign to said assignee all of my right, title and interest in United States Provisional Application No. 62/362,690, filed July 15, 2016, and in the invention disclosed thereto in all countries of the world including the right to claim priority or benefit of said Application No. 62/362,690 pursuant to any law or treaty in the countries of the world.

And I do hereby authorize my attorneys, to insert on this deed the filing date and application number of said application when known.

August 18, 2017
(Date)


Joshua Stein

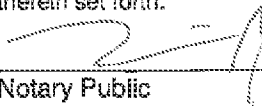
WARNING

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 NJ) SS:

County of Bergen)

On this 18 of August, 2017 before me personally came above-named Joshua Stein, 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.


MICHAEL ARAJ
NOTARY PUBLIC OF NEW JERSEY
I.D. # 50025075
My Commission Expires 10/19/2020

Notary Public

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

PATENT
REEL: 046067 FRAME: 0209

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

Attorney, Docket No. SPINE 3.0F-626
Title of the Invention ("Invention") SPINAL FIXATION ASSEMBLY
Legal Name of Inventor ("Inventor") Steven F. Krause
Assignee ("Assignee") Stryker European Holdings I, LLC, incorporated in Kalamazoo, 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 15/649,903
filed on July 14, 2017

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.

I, as assignor, hereby assign to said assignee all of my right, title and interest in United States Provisional Application No. 62/362,690, filed July 15, 2016, and in the invention disclosed thereto in all countries of the world including the right to claim priority or benefit of said Application No. 62/362,690 pursuant to any law or treaty in the countries of the world.

And I do hereby authorize my attorneys, to insert on this deed the filing date and application number of said application when known.

(Date)

Aug 17, 2017

Steven F. Krause

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 Bergen)

On this 17 of August, 2017 before me personally came above-named Steven F. Krause, 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.

MICHAEL ARAJ

NOTARY PUBLIC OF NEW JERSEY

I.D. # 50028075

Notary Public

My Commission Expires 10/19/2020

An Application Data Sheet (PTO/SB/14 or Equivalent) naming the entire inventiveness entity must accompany this form unless previously submitted.

PATENT
REEL: 046067 FRAME: 0210

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

Attorney, Docket No. SPINE 3.0F-626
Title of the Invention ("Invention") SPINAL FIXATION ASSEMBLY
Legal Name of Inventor ("Inventor") Anthony J. Wirtel, III
Assignee ("Assignee") Stryker European Holdings I, LLC, incorporated in Kalamazoo, 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 15/649,903
filed on July 14, 2017

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.

I, as assignor, hereby assign to said assignee all of my right, title and interest in United States Provisional Application No. 62/362,690, filed July 15, 2016, and in the invention disclosed thereto in all countries of the world including the right to claim priority or benefit of said Application No. 62/362,690 pursuant to any law or treaty in the countries of the world.

And I do hereby authorize my attorneys, to insert on this deed the filing date and application number of said application when known.

20 July 2017
(Date)

Anthony J. Wirtel, III
Anthony J. Wirtel, III

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 _____) SS:

County of _____)

On this _____ of _____, _____ before me personally came above-named Anthony J. Wirtel, III, 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

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

Attorney, Docket No. SPINE 3.0F-626
Title of the Invention ("Invention") SPINAL FIXATION ASSEMBLY
Legal Name of Inventor ("Inventor") Charles L. Bush, Jr.
Assignee ("Assignee") Stryker European Holdings I, LLC, incorporated in Kalamazoo, 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 15/649,903
filed on July 14, 2017

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.

I, as assignor, hereby assign to said assignee all of my right, title and interest in United States Provisional Application No. 62/362,690, filed July 15, 2016, and in the invention disclosed thereto in all countries of the world including the right to claim priority or benefit of said Application No. 62/362,690 pursuant to any law or treaty in the countries of the world.

And I do hereby authorize my attorneys, to insert on this deed the filing date and application number of said application when known.

AUG 17, 2017

(Date)

Charles L. Bush, Jr.

Charles L. Bush, Jr.

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 Bergen)

On this 17 of August, 2017 before me personally came above-named Charles L. Bush, Jr., 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.

MICHAEL ARAJ
NOTARY PUBLIC OF NEW JERSEY
I.D. # 50025075

Notary Public

My Commission Expires 10/19/2020

An Application Data Sheet (PTO/SB/14 or Equivalent) naming the entire Inventiveness entity must accompany this form unless previously submitted.

PATENT

RECORDED: 06/13/2018

REEL: 046067 FRAME: 0212