### 506388613 12/07/2020

### PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT6435369

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

#### **CONVEYING PARTY DATA**

Name	Execution Date
KEVIN KUIPER	11/30/2020
GABRIEL JAMES HARSHMAN	10/19/2020
BEAU KIDMAN	10/22/2020
JEAN-FRANCOIS OGLAZA	10/22/2020
CALLIE CARPENTER	10/22/2020

#### **RECEIVING PARTY DATA**

Name:	STRYKER CORPORATION
Street Address:	2825 AIRVIEW BOULEVARD
City:	KALAMAZOO
State/Country:	MICHIGAN
Postal Code:	49002

### **PROPERTY NUMBERS Total: 1**

Property Type	Number
Application Number:	16887032

### **CORRESPONDENCE DATA**

Fax Number:

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.

Email: IPDocket@h2law.com

Correspondent Name: HOWARD & HOWARD ATTORNEYS PLLC

Address Line 1: 450 W. FOURTH STREET

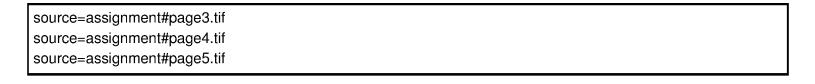
Address Line 4: ROYAL OAK, MICHIGAN 48067

ATTORNEY DOCKET NUMBER:	INST1676UTIL/060210.02210
NAME OF SUBMITTER:	JACOB P. WOOLBRIGHT
SIGNATURE:	/Jacob P. Woolbright/
DATE SIGNED:	12/07/2020

**Total Attachments: 5** 

source=assignment#page1.tif source=assignment#page2.tif

PATENT 506388613 REEL: 054565 FRAME: 0154



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

Attorney, Docket No.	INST1676UTIL/060210.02210	
Title of the Invention ("Invention")	Systems and Methods for Off-Axis Augmentation of a Vertebral Body	
Legal Name of Inventor ("Inventor")	<u>Kevin Kuiper</u> residing at <u>1603 Lake Ave., Portage, MI 49002</u> Name Residential Address	
Assignee ("Assignee")	Stryker Corporation, <u>a corporation organized and existing under and by virtue of the laws of Michigan</u> , and having an office and place of business at 2825 Airview Boulevard, Kalamazoo Michigan 49002 (hereinafter "Assignee"), is desirous of acquiring the entire right, title and interest in and to said inventions, improvements and application and in and to the Letters Patent to be obtained therefore;	
	DECLARATION	
As named inventor, I hereby declare that: (i) this declaration is directed to:  The attached Application OR X United States Patent Application Number or PCT International Application 16/887,032 filed on May 29, 2020 ("Application").		
(iii) I believe I am the original inv	ion is/was made or authorized to be made by me; /entor or an original joint inventor of a claimed invention in the above-identified Application; and ny willful false statement made in this declaration is punishable under 18 U.S.C. 1001 by fine or imprisonment of or both.	
WHEREAS, Inventor wishes to assig Application;	n to Assignee, and Assignee wishes to acquire, the entire right, title, and interest to the Invention and the	
NOW, THEREFORE, for good and valuable consideration, the receipt and adequacy of which is hereby acknowledged, and confirming that I have assigned, transferred and set over to Assignee pursuant to my contractual obligation to Assignee, I, Inventor, hereby sell, assign, transfer and set over to Assignee, its successors, assigns or other legal representatives the entire right, title and interest, domestic and foreign, in and to the Invention and the Application and all original, divisional, continuation, continuation-in-part, substitute and reissue applications and patents applied for or granted therefor in any and all 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 to the Application, including any provisional application, and hereby authorize patent officials in any and all countries, entities and intergovernmental agencies to issue all patents on this Application and all improvements and patents resulting therefrom to Assignee, its successors, assigns or other legal representatives as assignee of the entire interest therein; and I 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 communicate 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 as deemed necessary by Assignee, its successor		
	e attorneys of Assignee to insert here in parentheses (Application number, filed and application number of said Application when known, if not provided above.	
	1.63(c), "[a] person may not execute an oath or declaration unless the person has reviewed and understands the claims and is aware of the duty to disclose to the Office all information known to be material to patentability as	
INVENTOR		
By: 1		
Printed: Kevin Kuiper		
Date:		

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

Attorney, Docket No.	INST1676UTIL/06021D.0221D
Title of the Invention ("Invention")	Systems and Methods for Off-Axis Augmentation of a Vertebral Body
Legal Name of inventor ("Inventor")	<u>Gabriel Jamas Harshman</u> residing at <u>9279 S. Westnedge Ays., Portage, MI 49902</u> Name Residential Address
Assignee ("Assignee")	Stryker Corporation, a corporation organized and existing under and by virtue of the laws of Michigan, and having an office and place of business at 2825 Airview Boulevard, Kalamazoo Michigan 49002 (hereinafter "Assignee"), is destrous of acquiring the entire right, title and interest in and to said inventions, improvements and application and in and to the Letters Patent to be obtained therefore;
	DECLARATION
As named inventor, I hereby declare If (i) this declaration is directed to	
The attach	' S
OR	a saa ay a
filed on	tes Patent Application Number of PCT International Application 18/897,032  May 29, 2020 ("Application").
(ii) the above-identified Applicat	tion is/was made or authorized to be made by me;
(iii) I believe I am the original inc	ventor or an original joint inventor of a claimed invention in the above-identified Application, and iny wiltful false statement made in this declaration is punishable under 18 U.S.C. 1001 by fine or imprisonment of
WHEREAS, Inventor wishes to assig Application:	in to Assignee, and Assignee wishes to acquire, the entire right, title, and interest to the invention and the
therefor in any and all countries for the the Application pursuant to any law or the same for its own use and the use of Application, including any provisional at to issue all patents on this Application representatives as assignee of the er original, divisional, continuation, confir communicate all facts known to the un- in which the Application and any retal generally everything as deemed neces transferred and set over, the expens representatives.	onal, continuation, continuation-in-part, substitute and relissue applications and patents applied for or granted anvention, including without limitation all applications and patents for the invention claiming priority or benefit of treaty, and including all claims for damages by reason of past infringement with the right to sue for and collect of its successors, assigns and legal representatives, and including the right to claim such priority or benefit to the application, and hereby authorize patent officials in any and all countries, entities and intergovernmental agencies on and all improvements and patents resulting therefrom to Assignee, its successors, assigns or other legal interesis therein, and I hereby agree and covenant without further remuneration, to execute and deliver all nuation-in-part, reissue and other applications for Letters Patent on the Invention and all assignments themof, to dersigned respecting the invention, whenever requested, to testify in any interferences or other legal proceedings led applications or patents may become involved, to sign all lawful papers, make all rightful daths, and to do sarry by Assignee, its successors, assigns or other legal representatives to secure the rights herein sold, assigned are incident to said undertakings to be borne and paid by Assignee, its successors, assigns or other legal
) the filing date	ne attorneys of Assignes to insert here in parentheses (Application number, filed and application number of said Application when known, if not provided above.  1.63(c), "[a] person may not execute an ceth or declaration unless the person has reviewed and understands the
contents of the application, including defined in 1.56."	claims and is aware of the duty to disclose to the Office all information known to be material to patentability as
INVENTOR / / /	
84.1	
Printed: Gabriel James Harshman	
Oste: 19-007-20.	20

### COMBINED DECLARATION AND ASSIGNMENT FOR UTILITY OR DESIGN APPLICATION (37 CFR 1.63) USING AN APPLICATION DATA SHEET Attorney, Gocket No. INST1676UTIL/060210.02210 Title of the Invention ("Invention") Systems and Methods for Off-Axis Augmentation of a Vertebral Body Beau Kidman residing at 2106 Fountain Square Drive, Kalamazoo, MI 49009 Name Residential Address Legal Name of Inventor ("inventor") Assignee ("Assignee") Stryker Corporation, a corporation organized and existing under and by virtue of the laws of Michigan, and having an office and place of business at 2825 Airview Boulevard, Katamazoo Michigan 49002 (hereinafter "Assignee"), is desirous of acquiring the entire right, title and interest in and to said inventions, improvements and application and in and to the Letters Patent to be obtained therefore: DECLARATION As named inventor, I hereby declare that: this declaration is directed to: The attached Application Х United States Patent Application Number or PCT International Application 16/887,032 May 29, 2020 ("Application"). the above-identified Application is/was made or authorized to be made by me; I believe I am the original inventor or an original joint inventor of a claimed invention in the above-identified Application, and (111) I hereby acknowledge that any willful faise statement made in this declaration is punishable under 18 U.S.C. 1001 by fine or imprisonment of (111) not more than five (5) years, or both. WHEREAS, Inventor 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 is hereby acknowledged, and confirming that I have assigned, transferred and set over to Assignee pursuant to my contractual obligation to Assignee, I, inventor, hereby sell, assign, transfer and set over to Assignee, its successors, assigns or other legal representatives the entire right, title and interest, domestic and foreign, in and to the Invention and the Application and all original, divisional, continuation, continuation-in-part, substitute and relessue applications and patents applied for or granted therefor in any and all 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 see 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 to the Application, including any provisional application, and hereby authorize patent officials in any and all countries, entities and intergovernmental agencies to issue all patents on this Application and all improvements and patents resulting therefrom to Assignee, its successors, assigns or other legal representatives as assignee of the entire interest therein; and I hereby agree and covenant without further remuneration, to execute and deliver all original, divisional, continuation, continuation-in-part, reissue and other applications for Letters Palent on the Invention and all assignments thereof, to communicate 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 paths, and to do generally everything as deemed necessary by Assignee, its successors, assigns or other legal representatives to secure the rights herein sold, assigned, transferred and set over, the expenses incident to said undertakings to be borne and paid by Assignee, its successors, assigns or other legal representatives. I hereby authorize Assignee or the attorneys of Assignee to insert here in parentheses (Application number \_\_\_] the filing date and application number of said Application when known, if not provided above. WARNING: According to 37 C.F.R. § 1.63(c). '[a] person may not execute an cath 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. INVENTOR Printed: Beau Kidman /0 -22 -2020

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

Attorney, Docket No.	INST1676UTIL/060210.02210
Title of the Invention ("Invention")	Systems and Methods for Off-Axis Augmentation of a Vertebral Body
Legal Name of Inventor ("Inventor")	<u>Jean-Francois Oglaza</u> residing at <u>349 Palomino Ave., Portage, MI 49002</u> Name Residential Address
Assignee ("Assignee")	Stryker Corporation, <u>a corporation organized and existing under and by virtue of the laws of Michigan</u> , and having an office and place of business at 2825 Airview Boulevard, Kalamazoo Michigan 49002 (hereinafter "Assignee"), is desirous of acquiring the entire right, title and interest in and to said inventions, improvements and application and in and to the Letters Patent to be obtained therefore;
	DECLARATION
As named inventor, I hereby declare the	nat:
(i) this declaration is directed to	: ed Application
OR	
X United State	es Patent Application Number or PCT International Application <u>16/887,032</u> <u>May 29, 2020</u> ("Application").
(iii) I believe I am the original inv	ion is/was made or authorized to be made by me; rentor or an original joint inventor of a claimed invention in the above-identified Application; and ny willful false statement made in this declaration is punishable under 18 U.S.C. 1001 by fine or imprisonment of or both.
WHEREAS, Inventor wishes to assign Application;	n to Assignee, and Assignee wishes to acquire, the entire right, title, and interest to the Invention and the
NOW, THEREFORE, for good and valuable consideration, the receipt and adequacy of which is hereby acknowledged, and confirming that I have assigned, transferred and set over to Assignee pursuant to my contractual obligation to Assignee, I, Inventor, hereby sell, assign, transfer and set over to Assignee, its successors, assigns or other legal representatives the entire right, title and interest, domestic and foreign, in and to the Invention and the Application and all original, divisional, continuation, continuation-in-part, substitute and reissue applications and patents applied for or granted therefor in any and all 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 to the Application, including any provisional application, and hereby authorize patent officials in any and all countries, entities and intergovernmental agencies to issue all patents on this Application and all improvements and patents resulting therefrom to Assignee, its successors, assigns or other legal representatives as assignee of the entire interest therein; and I hereby agree and covenant without further remuneration, to execute and deliver all original, divisional, continuation-in-part, reissue and other applications for Letters Patent on the Invention and all assignments thereof, to communicate 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 as deemed necessary by Assignee, its successors, assigns or	
	e attorneys of Assignee to insert here in parentheses (Application number, filed and application number of said Application when known, if not provided above.
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."	
INVENTOR	for existing the second se
By: /	Market Ma
Printed: <u>Jean-Francois Oglaza</u>	
Date: <u>QC1 72</u> . 20	

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

Attorney, Docket No.	INST1676UTIL/060210.02210
Title of the Invention ("Invention")	Systems and Methods for Off-Axis Augmentation of a Vertebral Body
Legal Name of Inventor ("Inventor")	Callie Carpenter residing at 2402 W 108th St S., Jenks, OK 74037  Name Residential Address
Assignee ("Assignee")	Stryker Corporation, a corporation organized and existing under and by virtue of the laws of Michigan, and having an office and place of business at 2825 Airview Boulevard, Kalamazoo Michigan 49002 (hereinafter "Assignee"), is desirous of acquiring the entire right, title and interest in and to said inventions, improvements and application and in and to the Letters Patent to be obtained therefore;
	<u>DECLARATION</u>
As named inventor, I hereby declare that:  (i) this declaration is directed to:  The attached Application  OR  X United States Patent Application Number or PCT International Application  filed on May 29, 2020 ("Application").	
(iii) I believe I am the original inv	ion is/was made or authorized to be made by me; rentor or an original joint inventor of a claimed invention in the above-identified Application; and my willful false statement made in this declaration is punishable under 18 U.S.C. 1001 by fine or imprisonment of or both.
WHEREAS, Inventor wishes to assig Application;	n to Assignee, and Assignee wishes to acquire, the entire right, title, and interest to the Invention and the
assigned, transferred and set over to Assignee pursuant to my contractual obligation to Assignee, I, Inventor, hereby sell, assign, transfer and set over to Assignee, its successors, assigns or other legal representatives the entire right, title and interest, domestic and foreign, in and to the Invention and the Application and all original, divisional, continuation, continuation-in-part, substitute and reissue applications and patents applied for or granted therefor in any and all 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 to the Application, including any provisional application, and hereby authorize patent officials in any and all countries, entities and intergovernmental agencies to issue all patents on this Application and all improvements and patents resulting therefrom to Assignee, its successors, assigns or other legal representatives as assignee of the entire interest therein; and I 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 communicate 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 as deemed necessary by Assignee, its successors, assigns or other legal representatives.  I hereby authorize Assignee or the attorneys of Assignee to insert here in parentheses (Applic	
By: / Callie Carpenter  Printed: Callie Carpenter  Date: October 22, 2020	

PATENT REEL: 054565 FRAME: 0160

**RECORDED: 12/07/2020**