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PATENT ASSIGNMENT COVER SHEET

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EPAS ID: PAT4270518

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
STEPHEN B. GUNTHER	05/17/2010
DESMOND O'FARRELL	05/05/2010
MARK EDWIN ZYZELEWSKI	05/05/2010
ANDREW JOHN RODENHOUSE	05/05/2010

RECEIVING PARTY DATA

Name:	SHOULDER INNOVATIONS, LLC	
Street Address:	13827 PORT SHELDON STREET	
City:	HOLLAND	
State/Country:	MICHIGAN	
Postal Code:	49424	

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	14329853

CORRESPONDENCE DATA

Fax Number: (949)760-9502

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KNOBBE, MARTENS, OLSON AND BEAR, LLP **Correspondent Name:**

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Address Line 2: 14TH FLOOR

Address Line 4: **IRVINE, CALIFORNIA 92614**

ATTORNEY DOCKET NUMBER:	SHOLD.001P1C1	
NAME OF SUBMITTER:	BRYAN WAHL	
SIGNATURE:	/Bryan Wahl/	
DATE SIGNED:	02/10/2017	

Total Attachments: 6

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Filing Date: March 8, 2010 Page 1 of 5

ASSIGNMENT

WHEREAS, Stephen B. Gunther, a United States citizen, residing at 299 South Foothill Blvd., Cloverdale, CA 95425, Desmond O'Farrell, a United States citizen, residing at 2540 Ridgecroft Ave., Grand Rapids, MI 49546, Mark Edwin Zyzelewski, a United States citizen, residing at 4163 Glacier Valley Avenue, Kalamazoo, MI 49009, and Andrew John Rodenhouse, a United States citizen, residing at 1228 Covell Avenue NW, Grand Rapids, MI 49504 (individuals hereinafter "ASSIGNOR") invented certain new and useful improvements, technology, inventions, developments, ideas or discoveries related to METHODS AND DEVICES FOR LESS INVASIVE GLENOID REPLACEMENT (collectively hereinafter referred to as the "Work") for which an application for Letters Patent in the United States has been prepared for filing (identified above) with the United States Patent and Trademark Office (hereinafter the "Application");

AND WHEREAS, Shoulder Innovations, LLC, a Delaware Limited Liability Corporation, with its principal place of business at 4670 Fulton St. E., Suite 202, Grand Rapids, MI 49301 (hereinafter the "ASSIGNEE"), desires to acquire the entire right, title, and interest in and to the Application and the Work:

NOW, THEREFORE, for good and valuable consideration, the receipt of which is hereby acknowledged, ASSIGNOR hereby acknowledges that ASSIGNOR has sold, assigned, transferred and set over, and by these presents does hereby sell, assign, transfer and set over, unto said ASSIGNEE, its successors, legal representatives and assigns, the entire right, title, and interest throughout the world in the Application and the Work, including all provisional applications relating thereto, and all divisions, continuations, continuations-in-part, reissues, and reexaminations thereof, and all Letters Patent of the United States which may be granted thereon and all reissues and extensions thereof, and all rights of priority under International Conventions and any related Letters Patent which may hereafter be granted or filed in any country or countries foreign to the United States, all extensions, renewals and reissues thereof; and ASSIGNOR hereby authorizes and requests the Commissioner of Patents of the United States, and any Official of any country or countries foreign to the United States, whose duty it is to issue patents on applications as aforesaid, to issue all related Letters Patent to the ASSIGNEE, its successors, legal representatives and assigns, in accordance with the terms of this instrument.

AND ASSIGNOR DOES HEREBY sell, assign, transfer, and convey to ASSIGNEE, its successors, legal representatives, and assigns all claims for damages and all remedies arising out of any violation of the rights assigned hereby that may have accrued prior to the date of assignment to ASSIGNEE, or may accrue hereafter, including, but not limited to, the right to sue for, collect, and retain damages for past infringements of said Letters Patent before or after issuance.

AND ASSIGNOR DOES HEREBY covenant and agree that ASSIGNOR will communicate to said ASSIGNEE, its successors, legal representatives and assigns, any facts known to ASSIGNOR respecting the Work, and testify in any legal proceeding, assist in the preparation of any other provisional or non-provisional applications relating to the Application and the Work or any improvements made thereto, sign all lawful papers, execute and make all rightful oaths and/or declarations in connection with the Application and the Work including any improvements made thereto, any patent applications filed therefrom, and any continuing application filed from any of the aforementioned applications, and generally do everything possible to aid the ASSIGNEE, its successors, legal representatives and assigns, to obtain and enforce proper patent protection for the Work in all countries.

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IN TESTIMONY WHEREOF, I here	unto set my hand and seal this day of
	Stephen B. Gunther

Sign in presence of a Notary and have Notary attach Acknowledgement

CALIFORNIA ALL-PURPOSE ACKNOWI State of California who proved to me on the basis of satisfactory evidence to be the person(s) whose name(s) is/are-subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/har/their authorized GINNY HOLIZEN capacity(iea), and that by his/her/their-signature(s) on the instrument the person(s), or the entity upon behalf of which the person(\$) acted, executed the instrument. I certify under PENALTY OF PERJURY under the laws of the State of California that the foregoing paragraph is true and correct. WITNESS my hand And official seal. Signature Place Notary Seal Above **OPTIONAL** Though the information below is not required by law, it may prove valuable to persons relying on the document and could prevent fraudulent removal and reattachment of this form to another document. **Description of Attached Document** Number of Pages: **Document Date:** Signer(s) Other Than Named Above: Capacity(ies) Claimed by Signer(s) Gun the Signer's Name: **⊠**Individual ☐ Individual ☐ Corporate Officer — Title(s): ☐ Corporate Officer — Title(s): ☐ Partner — ☐ Limited ☐ General □ Partner — □ Limited □ General OF SIGNER ☐ Attorney in Fact ☐ Attorney in Fact Top of thumb here Top of thumb here □ Trustee □ Trustee ☐ Guardian or Conservator ☐ Guardian or Conservator □ Other: _ Other:_ Signer Is Representing: Signer Is Representing:

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IN TESTIMONY WHEREOF, I hereunto set my hand and seal this 5th day of 2010.

with Date

Desmond O'Parrell

Sign in presence of a Notary and have

Notary attach Acknowledgement

MICHAEL DANTUMA
NOTARY PUBLIC - STATE OF MICHIGAN
COUNTY OF KENT
My Commission Expires Mar. 10, 2012
Acting in the County of

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Mark Edwin Zyżelewski

Sign in presence of a Notary and have

Notary attach Acknowledgement

MICHAEL DANTUMA
NOTARY PUBLIC - STATE OF MICHIGAN
COUNTY OF KENT
My Commission Expires Mar. 10, 2012
Acting in the County of

Application No.: 12/719,182 Filing Date: March 8, 2010

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IN TESTIMONY WHEREOF, I hereunto set my hand and seal this $\frac{5t}{4}$ day of <u>May</u>, 20 10.

Andrew John Rodenhouse

Sign in presence of a Notary and have

with Date Notary attach Acknowledgement

MICHAEL DANTUMA NOTARY PUBLIC - STATE OF MICHIGAN COUNTY OF KENT
My Commission Expires Mar. 10. 2012

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> **PATENT** REEL: 041230 FRAME: 0924

RECORDED: 02/10/2017