

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
Stylesheet Version v1.2

EPAS ID: PAT4272687

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
MICHAEL D. RIES	07/21/2011
DESMOND O'FARRELL	08/04/2011
ANDREW JOHN RODENHOUSE	08/04/2011
STEPHEN B. GUNTHER	07/21/2011
RECEIVING PARTY DATA	
Name:	SHOULDER INNOVATIONS, LLC
Street Address:	13827 PORT SHELDON STREET
City:	HOLLAND
State/Country:	MICHIGAN
Postal Code:	49424
PROPERTY NUMBERS Total: 2	
Property Type	Number
Application Number:	13308221
Application Number:	15202364
CORRESPONDENCE DATA	
Fax Number:	(949)760-9502
<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:	949-760-0404
Email:	efiling@knobbe.com
Correspondent Name:	KNOBBE, MARTENS, OLSON AND BEAR, LLP
Address Line 1:	2040 MAIN STREET
Address Line 2:	14TH FLOOR
Address Line 4:	IRVINE, CALIFORNIA 92614
ATTORNEY DOCKET NUMBER:	SHOLD.003PR
NAME OF SUBMITTER:	BRYAN WAHL
SIGNATURE:	/Bryan Wahl/
DATE SIGNED:	02/13/2017
Total Attachments: 9	

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ASSIGNMENT

WHEREAS, Michael D. Ries, a United States citizen, residing at 115 St. Thomas Way, Tiburon, CA 94920, Desmond O'Farrell, a United States citizen, residing at 2540 Ridgecroft Ave., Grand Rapids, MI 49546, Andrew John Rodenhouse, a United States citizen, residing at 1228 Covell Ave., Grand Rapids, MI 49504, and Stephen B. Gunther, a United States citizen, residing at 299 South Foothill Blvd., Cloverdale, CA 95425 (individuals hereinafter "ASSIGNOR") invented certain new and useful improvements, technology, inventions, developments, ideas or discoveries related to STEM FOR USE IN JOINT ARTHROPLASTY (collectively hereinafter referred to as the "Work") for which a provisional 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 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, and all nonprovisional applications claiming priority thereto, including, 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.

Application No.: 61/418,348
Filing Date: November 30, 2010

Docket Number: SHOLD.003PR
Page 2 of 5

IN TESTIMONY WHEREOF, I hereunto set my hand and seal this 21 day of
July, 2011.


Michael D. Ries

Sign in presence of a Notary and have

Notary attach Acknowledgement



All-purpose Acknowledgment California only

State of California

County of Marin

On July 21, 2011 before me, Stephanie Wong, Notary Public (here insert name and title of the officer),

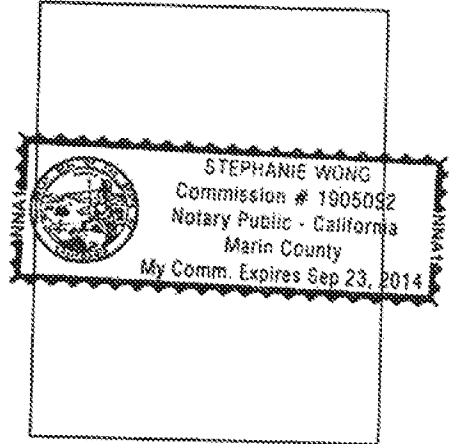
personally appeared - Michael D. Rice

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/hers/their authorized capacity(ies), and that by his/hers/their signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

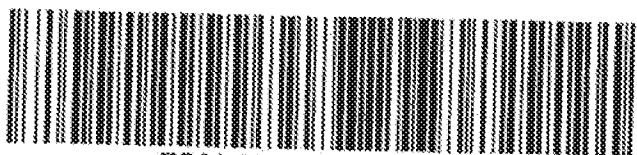
I certify under PENALTY OF PERJURY under the laws of the State of California that the foregoing paragraph is true and correct.

WITNESS my hand and official seal.

Signature [Handwritten Signature]



Notary Seal



FO01-000DSG5350CA-01

Scanner Enabled Users should scan this form
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0662350 CA (12-07 51342)

IN TESTIMONY WHEREOF, I hereunto set my hand and seal this 4th day of August, 2011.


Desmond O'Farrell

Sign in presence of a Notary and have

Notary attach Acknowledgement

All Purpose Acknowledgement

State of Michigan

County of Kent

On August 4, 2011

before me, Dianne K. MacNaughton
(notary)

personally appeared, Desmond O'Farrell
(signers)

personally known to me – OR –
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/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument the
person(s) or the entity upon behalf of which the person(s) acted, executed the instrument.

WITNESS my hand and official seal

Dianne K. MacNaughton 8/4/11
Notary Date

Title or Type of Document

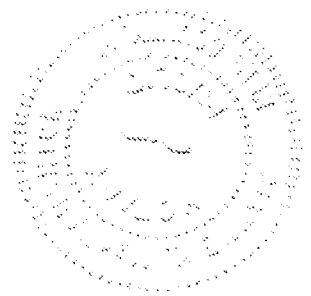
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of Pages

August 4, 2011

Date of Document

DIANNE K. MACNAUGHTON
Notary Public, State of Michigan
County of Kent
My Commission Expires May, 02, 2017
Acting in the County of Kent



IN TESTIMONY WHEREOF, I hereunto set my hand and seal this 4th day of August, 2011



Andrew John Rodenhouse

Sign in presence of a Notary and have

Notary attach Acknowledgement

All Purpose Acknowledgement

State of Michigan

County of Kent

On Aug 4, 2011, before me, Dianne K MacNaughton
(notary)

personally appeared, Andrew John Rodonkouse
(signers)

personally known to me -- OR --

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/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument the person(s) or the entity upon behalf of which the person(s) acted, executed the instrument.

WITNESS my hand and official seal

Dianne K. MacNaughton 8/4/11
Notary Date

DIANNE K. MACNAUGHTON
Notary Public, State of Michigan
County of Kent
My Commission Expires May, 02, 2017
Acting in the County of Kent

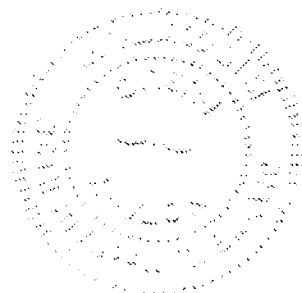
Title or Type of Document

1

of Pages

Aug 4, 2011

Date of Document



IN TESTIMONY WHEREOF, I hereunto set my hand and seal this 21 day of July, 2011.



Stephen B. Gunther

Sign in presence of a Notary and have

Notary attach Acknowledgement

10084613/isp
120110

CALIFORNIA ALL-PURPOSE ACKNOWLEDGMENT

State of California

County of Mendocino

On 07-21-11 before me, Patsy Sandilands Broeske, Notary Public
Date Here Insert Name and Title of the Officer

personally appeared Stephen B. Gmether
Name(s) of Signer(s)

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/hers/their authorized capacity(ies), and that by his/hers/their signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) 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: Patsy Sandilands Broeske
Signature of Notary Public

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

Title or Type of Document: Assignment Deed # SH 020 0039R

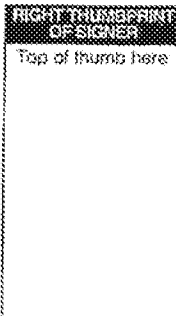
Document Date: 7/20/11 Number of Pages: 5

Signer(s) Other Than Named Above: Ø

Capacity(ies) Claimed by Signer(s)

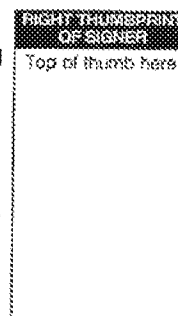
Signer's Name: Stephen B. Gmether Signer's Name: _____

- Corporate Officer — Title(s): _____
- Individual
- Partner — Limited General
- Attorney in Fact
- Trustee
- Guardian or Conservator
- Other: _____



Signer Is Representing: _____

- Corporate Officer — Title(s): _____
- Individual
- Partner — Limited General
- Attorney in Fact
- Trustee
- Guardian or Conservator
- Other: _____



Signer Is Representing: _____