504827121 03/20/2018

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT4873857

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
LOUIS-PHILIPPE AMIOT	08/10/2017
JOSEPH MICHAEL O'REILLY	08/14/2017
KENYON J. MUMFORD	12/15/2017
ALFREDO CASTANEDA	08/09/2017
ROBERT M RONK	08/09/2017
MARCUS BOURDA	08/19/2017
ROBERT SIXTO	08/14/2017
BRIAN M MAY	08/09/2017
STEPHEN J VANKOSKI	08/22/2017
ORSA BRITTON	08/09/2017

RECEIVING PARTY DATA

Name:	BIOMET MANUFACTURING, LLC
Street Address:	56 EAST BELL DRIVE
City:	WARSAW
State/Country:	INDIANA
Postal Code:	46582

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	15624184

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.

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Correspondent Name: SCHWEGMAN LUNDBERG & WOESSNER, P.A.

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ATTORNEY DOCKET NUMBER: 4394.H79US1

NAME OF SUBMITTER: LESLIE J. ANTONSEN

PATENT 504827121 REEL: 045284 FRAME: 0412

SIGNATURE:	/Leslie J. Antonsen/
DATE SIGNED:	03/20/2018
Total Attachments: 5	
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PATENT REEL: 045284 FRAME: 0413

RECORDATION FORM COVER SHEET PATENTS ONLY

Atty Ref/Docket No.: 4394.H79US1 Patent and Trademark Office To the Director of the U.S. Patent and Trademark Office: Please record the attached original documents or copy thereof. Name and address of receiving party(ies): Name of conveying party(ies): Name: Biomet Manufacturing, LLC Louis-Philippe Amiot, Joseph Michael O'Reilly, Kenyon Street Address: 56 East Bell Drive Mumford, Alfredo Castaneda, Robert M. Ronk, Marcus Bourda, Robert Sixto, Brian M. May, Stephen J. Vankoski, Orsa Britton City: Warsaw State: <u>Indiana</u> Zip: 46582 Country: United States of America Additional name(s) of conveying party(ies) attached? Additional name(s) & address(es) attached? []Yes [X]No []Yes [X]No 3. Nature of conveyance: [X] Assignment [] Merger [] Security Agreement [] Change of Name [] Other Execution Date: August 10, 2017, August 14, 2017 December 15, 2017, August 9, 2017, August 9, 2017 August 19, 2017, August 14, 2017, August 9, 2017, August 2, 2017, August 9, 2017 4. Application number(s) or patent number(s): If this document is being filed together with a new application, the execution date of the application is: B. Patent No.(s) A. Patent Application No.(s) Serial No. 15/624,184 Additional numbers attached? []Yes [X]No 6. Total number of applications and patents involved: 1 5. Name and address of party to whom correspondence 7. Total fee (37 CFR 3.41):\$ 0.00 concerning document should be mailed: Name: Jordan R. Golomb []Enclosed [Authorized to be charged to deposit account 19-Address:

Schwegman Lundberg & Woessner, P.A.

P.O. Box 2938

Minneapolis, Minnesota 55402--0938

0743

Please charge any additional fees or credit any over payments to our Deposit Account No.: 19-0743

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Statement and signature.

To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document. [Jodn R. Shal-]

Jordan R. Golomb/Reg. No. 69,543

Date

March 20, 2018

Name of Person Signing

Total number of pages including cover sheet: 5

Mail documents to be recorded with required cover sheet information to:

Commissioner of Patents and Trademarks Mail Stop Assignment Recordation Services P.O. Box 1450 Alexandria, VA 22313-1450

PATENT REEL: 045284 FRAME: 0414 Serial No.: 15/624,184

Title: IMPLANTS, SYSTEMS AND

METHODS FOR SURGICAL PLANNING

AND ASSESSMENT

Assignee Docket No.: ZB00081UTL

Attorney Docket No.: 4394.H79US1

ASSIGNMENT

We, Louis-Philippe Amiot, Joseph Michael O'Reilly, Kenyon Mumford, Alfredo Castaneda, Randy Sessler, Robert M. Ronk, Marcus Bourda, Robert Sixto, Brian M. May, Stephen J. Vankoski, Orsa Britton (hereinafter referred to as the "Undersigned"), for good and valuable consideration, receipt, sufficiency, and adequacy whereof is hereby acknowledged, do hereby assign to Biomet Manufacturing, LLC, a Delaware corporation, having an office at 56 East Bell Drive, Warsaw, Indiana 46582 (hereinafter referred to as "Assignee"), the entire right, title and interest in the United States of America, its territories and possessions in and to any and all of the Undersigned's inventions and discoveries in, IMPLANTS, SYSTEMS AND METHODS FOR SURGICAL PLANNING AND ASSESSMENT, as described and claimed in the Undersigned's patent application filed on June 15, 2017, which application was assigned US patent application serial number 15/624,184, in and to any and all patents that issue on the aforesaid patent application, and in and to any divisions, continuations, continuations-in-part, reissues, reexaminations, extensions and renewals thereof, the same to be held and enjoyed by the Assignee, its successors, assigns or other legal representatives, to the full ends of the terms for which all patents therefore may be granted, as fully and entirely as the same would have been held, and enjoyed by us if this assignment had not been made.

The Undersigned hereby warrant and covenant that no assignment, grant, mortgage, license or other agreement affecting the rights and property herein conveyed has been or shall be made to others by the Undersigned, and that the full right to convey the same as herein expressed is possessed by the Undersigned. Also, the Undersigned hereby agree that the Undersigned will at any time, upon the request and at the expense of the Assignee, execute and deliver any and all documents that may be necessary or desirable to divide, continue, perfect, confirm, import or register and to reissue the title to the foregoing inventions and discoveries, patent or design applications, and patents and reissues, reexaminations, extensions and renewals thereof in the Assignee, its successors, assigns or other legal representatives, and the Undersigned will make all rightful oaths and do all lawful acts requisite for procuring the same or for aiding therein, without further compensation, but at the expense of the Assignee, its successors, assigns or other legal representatives.

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PATEN***ssignment REEL: 045284 FRAME: 0415 Serial No.: 15/624,184

Title: IMPLANTS, SYSTEMS AND

METHODS FOR SURGICAL PLANNING

AND ASSESSMENT

Assignee Docket No.: ZB00081UTL

Attorney Docket No.: 4394.H79US1

The Undersigned hereby further assign and transfer to the Assignee on the same terms and

conditions as aforesaid all of the Undersigned's right, title and interest in and to the above-mentioned

application and the invention and discoveries described therein in all other countries other than the

United States of America and with effect for all multi-national organizations for the protection of

intellectual property. This full assignment and transfer includes, but is not limited to, the assignment

and transfer of the right to file an application for a patent or any other protective right in the

Assignee's name, the right to claim priority to the above-identified application under the International

Convention for the Protection of Industrial Property or under any other bilateral or multilateral

agreement to which the United States of America is now or hereafter becomes a signatory or any

other legal provision which allows claiming the priority of the assigned application, and the right to

all causes of action, remedies, and other enforcement rights related to the above-identified

application, including without limitation the right to sue for past, present, or future infringement,

misappropriation, or violation of any and all rights related to the above-identified patent application

or applications and any of the foregoing, including the right to obtain and collect damages for past,

present, or future infringement. The Undersigned also hereby assign to Assignee in all countries of

the world any and all of the Undersigned's right, title and interest in and to any and all copyright

property appertaining any drawings or other materials relating to the tangible means of expression

and illustration of the aforesaid inventions and discoveries.

The Undersigned also hereby agree that this Assignment is to be binding on the heirs, assigns,

representatives, and successors of the Undersigned, and is to extend to the benefit of the successors,

assigns, and nominees of the Assignee.

This document has been prepared in the English language at the request of the Undersigned.

Assignor[s]:

Louis-Philippe Amiot 8/10/2017 Louis-Philippe Amiot DATE

> PATEN***ssignment REEL: 045284 FRAME: 0416

Serial No.: 15/624,184

Title: IMPLANTS, SYSTEMS AND

METHODS FOR SURGICAL PLANNING

AND ASSESSMENT

Assignee Docket No.: ZB00081UTL Attorney Docket No.: 4394.H79US1

Joseph Michael O'Reilly	8/14/2017	/	Joseph O'Keilly	/
	DATE	S	IGNATURE	

DATE		SIGNATURE	
12/15/2017	/	Kenyon J. Humford	/
DATE		SIGNATURE	
8/9/2017	/	Alfredo Castaneda	/
DATE		SIGNATURE	
DATE.	/	CLONATINE	/
DAIE		SIGNATURE	
8/9/2017	/	Robert Ronk	/
DATE		SIGNATURE	
8/19/2017	/	Marcus Bourda	/
DATE		SIGNATURE	
8/14/2017	/	Robert Sixto	/
DATE		SIGNATURE	
8/9/2017	/	Brian May	/
DATE		SIGNATURE	
8/22/2017	/	Stephen J. Vankoski	/
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Serial No.: 15/624,184 Title: IMPLANTS, SYSTEMS AND METHODS FOR SURGICAL PLANNING Assignee Docket No.: ZB00081UTL Attorney Docket No.: 4394.H79US1

AND ASSESSMENT

RECORDED: 03/20/2018

Orsa Britton / Orsa Britton

DATE SIGNATURE

PATEN†ssignment REEL: 045284 FRAME: 0418