PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT4843536

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
CODMAN & SHURTLEFF, INC.	12/30/2012

RECEIVING PARTY DATA

Name:	DEPUY SPINE, LLC
Street Address:	325 PARAMOUNT DRIVE
City:	RAYNHAM
State/Country:	MASSACHUSETTS
Postal Code:	02767-0350

PROPERTY NUMBERS Total: 40

Property Type	Number
Patent Number:	6363273
Patent Number:	6871740
Patent Number:	6929645
Patent Number:	6860882
Patent Number:	7889069
Patent Number:	7604658
Patent Number:	8039591
Patent Number:	7429241
Patent Number:	8167920
Patent Number:	7827845
Patent Number:	D596743
Patent Number:	7037288
Patent Number:	6913589
Patent Number:	7699800
Patent Number:	6881210
Patent Number:	7354431
Patent Number:	7731709
Patent Number:	7390310
Patent Number:	7771381
Patent Number:	7235060

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Property Type	Number
Patent Number:	7192413
Patent Number:	6685638
Patent Number:	7736312
Patent Number:	6916310
Patent Number:	7331940
Patent Number:	7118549
Patent Number:	7038449
Patent Number:	7976517
Patent Number:	8221392
Patent Number:	8088092
Patent Number:	7559912
Patent Number:	7069779
Patent Number:	7181963
Patent Number:	7036369
Patent Number:	7334594
Patent Number:	8282566
Patent Number:	8192366
Patent Number:	7510533
Patent Number:	8123714
Patent Number:	8038641

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.

Phone: 6092750500

Email: natalia.barreto-powell@integralife.com

Correspondent Name: NATALIA BARRETO-POWELL
Address Line 1: 311 ENTERPRISE DRIVE
Address Line 2: ATTN: LAW DEPT./ IP GROUP

Address Line 4: PLAINSBORO, NEW JERSEY 08536

NAME OF SUBMITTER:	NATALIA BARRETO-POWELL	
SIGNATURE:	/Natalia Barreto-Powell/	
DATE SIGNED:	02/28/2018	
	This document serves as an Oath/Declaration (37 CFR 1.63).	

Total Attachments: 4

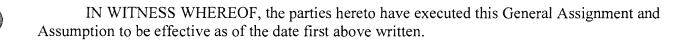
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GENERAL ASSIGNMENT AND ASSUMPTION

Pursuant to the terms and conditions of that certain Contribution Agreement, dated as of December 30, 2012 (the "Agreement"), by and between Codman & Shurtleff, Inc., a New Jersey corporation (the "Contributor"), and DePuy Spine, LLC, an Ohio limited liability company (the "Recipient"), the Contributor, for good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, does hereby transfer, assign, convey, set over, and deliver unto the Recipient as of the date set forth above, the assets set forth on Schedule A (Step 15-1) attached hereto (the "Contributed Assets") and all of the Contributor's right, title, and interest therein.

The Recipient covenants and agrees that as of the date set forth above, the Recipient hereby assumes the obligations and duties of the Contributor under the liabilities associated with the Contributed Assets, if any, as required by the terms of the Agreement, and the Recipient shall be bound by the terms of the governing agreements, commitments, and instruments that it is required to assume by the terms of the Agreement with the same force and effect as if such Recipient was an original party to such governing agreements, commitments, and instruments.

[Signature Page Follows]



DATED: December 3, 2012

CODMAN & SHURTLEFF, INC.

Name: John F. Sharkey

Title: Assistant Secretary

DATED: December ½, 2012

DEPUY SPINE, LLC

Name: John F. Sharkey

Title: Assistant Secretary

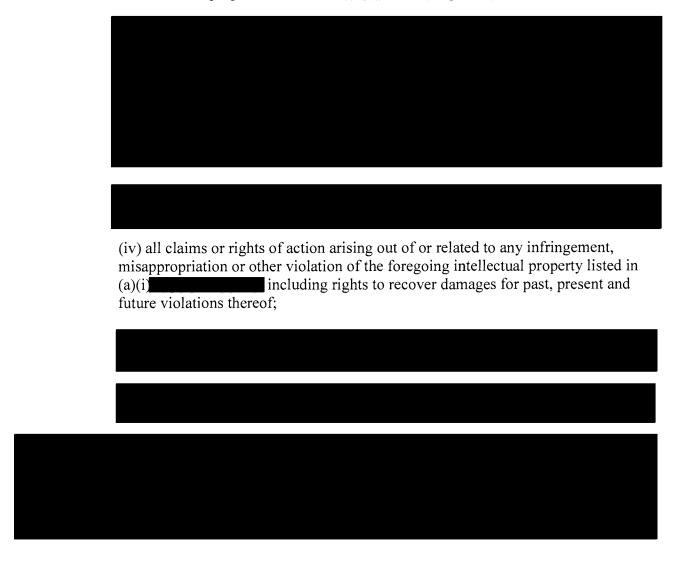
[SIGNATURE PAGE OF GENERAL ASSIGNMENT AND ASSUMPTION]

Schedule A (Step 15-1)

Contributed Assets

Codman & Shurtleff, Inc.

- (a) Other than the Excluded Assets as provided in (e) below, all intellectual property owned by the Contributor on the Effective Date, including:
 - (i) all inventions (whether patentable or unpatentable and whether or not reduced to practice); all improvements to any inventions; and all patents, patent applications, patent disclosures, utility models, certificates of invention and industrial designs, together with all reissuances, continuations, continuations-in-part, divisionals, extensions, and reexaminations, and any patent or patent application that claims priority to any of the foregoing, including without limitation the properties listed in <u>Schedule A-1 (Step 15-1)</u>;



Schedule A-1 (Step 15-1)

Codman & Shurtleff, Inc.

[See Attached]

PATENT REEL: 045058 FRAME: 0632

RECORDED: 02/28/2018