PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT3196980

SUBMISSION TYPE:	NEW ASSIGNMENT	
NATURE OF CONVEYANCE:	ASSIGNMENT	
SEQUENCE:	1	

CONVEYING PARTY DATA

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

RECEIVING PARTY DATA

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

PROPERTY NUMBERS Total: 1

Property Type	Number		
Patent Number:	8361104		

CORRESPONDENCE DATA

Fax Number: (617)310-9000

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: docket@nutter.com **RONALD E. CAHILL** Correspondent Name:

Address Line 1: **NUTTER MCCLENNEN & FISH LLP**

Address Line 2: 155 SEAPORT BLVD

Address Line 4: BOSTON, MASSACHUSETTS 02210

ATTORNEY DOCKET NUMBER:	22719-142
NAME OF SUBMITTER:	RONALD E. CAHILL
SIGNATURE:	/Ronald E. Cahill/
DATE SIGNED:	01/26/2015

Total Attachments: 5

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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]



IN WITNESS WHEREOF, the parties hereto have executed this General Assignment and Assumption to be effective as of the date first above written.

DATED: December 5, 2012

CODMAN & SHURTLEFF, INC.

Name: John F. Shark

Title: Assistant Secretary

DATED: December 3., 2012

DEPUY SPINE, LLC

Name: John F. Sharkey

Title: Assistant Secretary

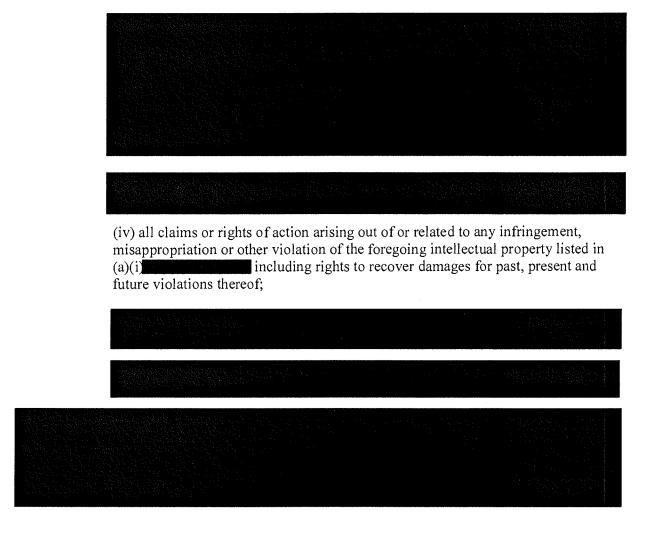
[SIGNATURE PAGE OF GENERAL ASSIGNMENT AND ASSUMPTION]

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]

Schedule A-1 (Step 15-1)

Internal reference	App. No.	Filing date	Pat. No.	Country	Issue date	Title	Memotech Owner Company
CRD5099USNP	10/879861	29/JUN/2004	7166100	US	23/JAN/2007	Balloon Catheter Shaft Design (04/005) Inner Member With HDPE Liner And Continuously Variable Braid (04/055)	CORDIS NEUROVASCULAR, INC USA 10945
CRD5126USNP	11/189581	26/JUL/2005	7918872	US	05/APR/2011	Embolic Coil Deployment System (04/189)	CORDIS NEUROVASCULAR, INC USA 10945
CRD5142USPCT	11/662816	16/SEP/2005	7811300	US	12/OCT/2010	THIN FILM DEVICE FOR TEMPORARY OR PERMANENT OCCLUSION OF A VESSEL	CORDIS NEUROVASCULAR, INC USA 10945
CRD5144USPCT	11/663133	16/SEP/2005	8361104	US	29/JAN/2013	THIN FILM NITI EMBOLIC COIL (04/128)	CORDIS NEUROVASCULAR, INC USA 10945
 CRD5146USPCT	11/662849	16/SEP/2005	8357180	US	22/JAN/2013	THIN FILM METALLIC DEVICE FOR PLUGGING ANUERYSMS OR VESSELS (04/127)	CORDIS NEUROVASCULAR, INC USA 10945
CRD5156USPCT	11/663489	14/OCT/2005	7875044	US	25/JAN/2011	BALLOON/BASKET REMODELING DEVICE FOR ANUERYSMS (04/143)	CORDIS NEUROVASCULAR, INC USA 10945
CRD5157USNP	10/975842	28/OCT/2004	7156871	US	02/JAN/2007	EXPANDABLE STENT HAVING A STABILIZED PORTION (03/233)	CORDIS NEUROVASCULAR, INC USA 10945
CRD5160USPCT	11/663675	26/OCT/2005	7780645	US	24/AUG/2010	METHOD OF DELIVERING EMBOLIC PARTICLES TO AN ANEURYSM (04/129)	CORDIS NEUROVASCULAR, INC USA 10945
CRD5169USNP	11/095265	31/MAR/2005	7833203	US	16/NOV/2010	CATHETER SHAFT WITH UNDULATING SURFACE FOR REDUCED FRICTION	CORDIS NEUROVASCULAR, INC USA 10945
CRD5194USNP0	11/143051	02/JUN/2005	7377932	US	27/MAY/2008	Embolic Coil Delivery System With Mechanical Release Mechanism (05/044)	CORDIS NEUROVASCULAR, INC USA 10945
CRD5195USCIP13	11/765568	20/JUN/2007	7708755	US	04/MAY/2010	EMBOLIC COIL DELIVERY SYSTEM WITH SPRING WIRE RELEASE MECHANISM	CORDIS NEUROVASCULAR, INC USA 10945
CRD5195USCIP14	11/755364	30/MAY/2007	7708754	US	04/MAY/2010	EMBOLIC COIL DELIVERY SYSTEM WITH SPRING WIRE RELEASE MECHANISM	CORDIS NEUROVASCULAR, INC USA 10945
CRD5195USCIP12	11/541023	29/SEP/2006	7819892	US	26/OCT/2010	EMBOLIC COIL DELIVERY SYSTEM WITH SPRING WIRE RELEASE MECHANISM	CORDIS NEUROVASCULAR, INC USA 10945
CRD5195USCIP11	11/471801	21/JUN/2006	7799052	US	21/SEP/2010	EMBOLIC COIL DELIVERY SYSTEM WITH SPRING WIRE RELEASE MECHANISM	CORDIS NEUROVASCULAR, INC USA 10945
CRD5195USCIP10	11/471770	21/JUN/2006	7985238	US	26/JUL/2011	EMBOLIC COIL DELIVERY SYSTEM WITH SPRING WIRE RELEASE MECHANISM	CORDIS NEUROVASCULAR, INC USA 10945

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