

## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1  
 Stylesheet Version v1.2

EPAS ID: PAT2682461

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	CHANGE OF NAME
CONVEYING PARTY DATA	
Name	Execution Date
DEPUY ORTHOPAEDICS, INC.	12/30/2012
RECEIVING PARTY DATA	
Name:	DEPUY SPINE, INC.
Street Address:	325 PARAMOUNT DRIVE
City:	RAYNHAM
State/Country:	MASSACHUSETTS
Postal Code:	02767
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	12054718
CORRESPONDENCE DATA	
Fax Number:	(732)524-2808
Phone:	7325242759
Email:	jnjuspatent@corus.jnj.com
<i>Correspondence will be sent via US Mail when the email attempt is unsuccessful.</i>	
Correspondent Name:	PHILIP S. JOHNSON
Address Line 1:	ONE JOHNSON & JOHNSON PLAZA
Address Line 4:	NEW BRUNSWICK, NEW JERSEY 08933
NAME OF SUBMITTER:	ANGELINA PETTI
Signature:	/ANGELINA PETTI/
Date:	01/15/2014
Total Attachments: 7 source=Orthopaedics.SpineInc#page1.tif source=Orthopaedics.SpineInc#page2.tif	

source=Orthopaedics.SpineInc#page3.tif  
source=Orthopaedics.SpineInc#page4.tif  
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source=Orthopaedics.SpineInc#page6.tif  
source=Orthopaedics.SpineInc.Schedule#page1.tif

## 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 DePuy Orthopaedics, Inc., an Indiana corporation (the "Contributor"), and DePuy Spine, Inc., an Ohio corporation (the "Recipient"), the Contributor, for good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, does hereby transfer, assign, convey, and deliver unto the Recipient, or, in the case of real property, at the direction of the Recipient, as of the date set forth above, the assets set forth on Schedule A (Step 9-1) attached hereto and all of the Contributor's right, title, and interest therein.

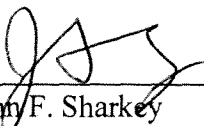
The Recipient covenants and agrees that as of the date set forth above, the Recipient hereby assumes the obligations and duties of the Contributor set forth on Schedule B (Step 9-1) attached hereto as required by the terms of the Agreement, and the Recipient shall be bound by the terms of the governing 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.

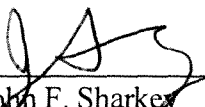
DATED: December 30, 2012

**DEPUY ORTHOPAEDICS, INC.**

By:   
Name: John F. Sharkey  
Title: Assistant Secretary

DATED: December 30, 2012

**DEPUY SPINE, INC.**

By:   
Name: John F. Sharkey  
Title: Assistant Secretary

[SIGNATURE PAGE OF GENERAL ASSIGNMENT AND ASSUMPTION]

Schedule A (Step 9-1)

Contributed Assets

DePuy Orthopaedics, Inc.

(a) Other than the Excluded Assets as provided in (g) 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 Schedule A-1 (Step 9-1);

[REDACTED]

[REDACTED]

(iv) all claims or rights of action arising out of or related to any infringement, misappropriation or other violation of the foregoing intellectual property listed in (a)(i) [REDACTED] including rights to recover damages for past, present and future violations thereof;

[REDACTED]

[REDACTED]

[REDACTED]

Schedule A-3 (Step 9-1)

Intellectual Property of  
Advanced Technologies and Regenerative Medicine, LLC

(a) Other than the ATRM Excluded Assets as provided in (c) below, all intellectual property owned by ATRM and received by the Contributor pursuant to the ATRM Merger Agreement, 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 Schedule A-3.1 (Step 9-1);

[REDACTED]

[REDACTED]

(iv) all claims or rights of action arising out of or related to any infringement, misappropriation or other violation of the foregoing intellectual property listed in (a)(i) [REDACTED] including rights to recover damages for past, present and future violations thereof;

[REDACTED]

[REDACTED]

[REDACTED]

Schedule A-3 (Step 9-1)

Intellectual Property of  
Advanced Technologies and Regenerative Medicine, LLC

(a) Other than the ATRM Excluded Assets as provided in (c) below, all intellectual property owned by ATRM and received by the Contributor pursuant to the ATRM Merger Agreement, 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 Schedule A-3.1 (Step 9-1);

[REDACTED]

[REDACTED]

(iv) all claims or rights of action arising out of or related to any infringement, misappropriation or other violation of the foregoing intellectual property listed in (a)(i) [REDACTED] including rights to recover damages for past, present and future violations thereof;

[REDACTED]

[REDACTED]

[REDACTED]

Schedule A-3.1 (Step 9-1)

Advanced Technologies and Regenerative Medicine, LLC

[See Attached]



Int. Ref.	App. No.	Filing Date	Pat. No.	Country	Issue Date	Title	Memotech Owner Company
ETH5073JPPCT12	2007-548532	22/DEC/2005		JP		POSTPARTUM CELLS DERIVED FROM UMBILICAL CORD TISSUE, AND METHODS OF MAKING AND USING THE SAME	ATRM
ETH5073CAPCT7	2530412	25/JUN/2004		CA		POSTPARTUM CELLS DERIVED FROM UMBILICAL CORD TISSUE, AND METHODS OF MAKING AND USING THE SAME	ATRM
ETH5073EPEPT8	05855417.1	22/DEC/2005		EP		POSTPARTUM CELLS DERIVED FROM UMBILICAL CORD TISSUE, AND METHODS OF MAKING AND USING THE SAME	ATRM
ETH5073USCIP7	12/054718	25/MAR/2008		US		REPAIR AND REGENERATION OF OCULAR TISSUE USING POSTPARTUM-DERIVED CELLS	ATRM
ETH5073USCNT1	12/389305	19/FEB/2009		US		POSTPARTUM CELLS DERIVED FROM UMBILICAL CORD TISSUE, AND METHODS OF MAKING AND USING THE SAME	ATRM
ETH5073USCNT2	12/429849	24/APR/2009	8277796	US	02/OCT/2012	REGENERATION AND REPAIR OF NEURAL TISSUE USING POSTPARTUM-DERIVED CELLS	ATRM
ETH5073USDIV9	12/697081	29/JAN/2010	8361459	US	29/JAN/2013	TREATMENT OF STROKE AND OTHER ACUTE NEURAL DEGENERATIVE DISORDERS USING POSTPARTUM-DERIVED CELLS	ATRM
ETH5073EPETD1	10183053.7	25/JUN/2004		EP		POSTPARTUM CELLS DERIVED FROM UMBILICAL CORD TISSUE, AND METHODS OF MAKING AND USING THE SAME	ATRM
ETH5073ATETD1				AT		POSTPARTUM CELLS DERIVED FROM UMBILICAL CORD TISSUE, AND METHODS OF MAKING AND USING THE SAME	ATRM

PATENT

RECORDED: 01/15/2014

REEL: 031971 FRAME: 0875