PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT2760381

| SUBMISSION TYPE: | NEW ASSIGNMENT |
|-----------------------|----------------|
| NATURE OF CONVEYANCE: | ASSIGNMENT |

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: 18

| Property Type | Number |
|---------------------|----------|
| Application Number: | 11316104 |
| Application Number: | 11315969 |
| Application Number: | 11315897 |
| Application Number: | 11315898 |
| Application Number: | 11315943 |
| Application Number: | 13026995 |
| Application Number: | 13184378 |
| Application Number: | 12389305 |
| Application Number: | 11321863 |
| Application Number: | 11321864 |
| Application Number: | 11322372 |
| Application Number: | 11481481 |
| Application Number: | 11481480 |
| Application Number: | 11481456 |
| Application Number: | 12697081 |
| Application Number: | 10877012 |
| Application Number: | 10877009 |
| Application Number: | 10876998 |

CORRESPONDENCE DATA

Fax Number: (732)524-2808

PATENT
REEL: 032393 FRAME: 0100

502713774

Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent via

US Mail.

Phone: 7325242759

Email: jnjuspatent@corus.jnj.com

Correspondent Name: PHILIP S. JOHNSON

Address Line 1: ONE JOHNSON & JOHNSON PLAZA
Address Line 4: NEW BRUNSWICK, NEW JERSEY 08933

| ATTORNEY DOCKET NUMBER: | ETH5073 |
|-------------------------|------------------|
| NAME OF SUBMITTER: | ANGELINA PETTI |
| SIGNATURE: | /Angelina Petti/ |
| DATE SIGNED: | 03/10/2014 |

Total Attachments: 6

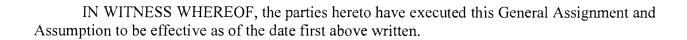
source=DePuyOrthopaedics.DePuySpine#page1.tif source=DePuyOrthopaedics.DePuySpine#page2.tif source=DePuyOrthopaedics.DePuySpine#page3.tif source=DePuyOrthopaedics.DePuySpine#page4.tif source=DePuyOrthopaedics.DePuySpine#page5.tif source=DePuyOrthopaedics.DePuySpine#page6.tif

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]



DATED: December 30, 2012

DEPUY ORTHOPAEDICS, INC.

Name: John F. Sharke

Title: Assistant Secretary

DATED: December 30, 2012

DEPUY SPINE, INC.

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 <u>Schedule A-1 (Step 9-1)</u>;

| (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) including rights to recover damages for past, present and future violations thereof; | misappropriation or other violation of the foregoing intellectual property listed in (a)(i) including rights to recover damages for past, present and | |
|---|---|---|
| misappropriation or other violation of the foregoing intellectual property listed in (a)(i) including rights to recover damages for past, present and | misappropriation or other violation of the foregoing intellectual property listed in (a)(i) including rights to recover damages for past, present and | |
| | | misappropriation or other violation of the foregoing intellectual property listed in (a)(i) including rights to recover damages for past, present and |
| | | |
| | | |

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);

| (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) including rights to recover damages for past, present and future violations thereof; |
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| |

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 <u>Schedule A-3.1 (Step 9-1)</u>;

| (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) including rights to recover damages for past, present and future violations thereof; | |
|---|--|
| (a)(i) including rights to recover damages for past, present and | |
| | (a)(i) including rights to recover damages for past, present and |
| | |

Schedule A-3.1 (Step 9-1)

Advanced Technologies and Regenerative Medicine, LLC

[See Attached]

RECORDED: 03/10/2014