## 505179888 11/07/2018

# PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT5226656

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

### **CONVEYING PARTY DATA**

| Name                         | <b>Execution Date</b> |
|------------------------------|-----------------------|
| DEPUY SYNTHES PRODUCTS, INC. | 10/12/2018            |

### **RECEIVING PARTY DATA**

| Name:           | DEPUY IRELAND UNLIMITED COMPANY |
|-----------------|---------------------------------|
| Street Address: | LOUGHBEG INDUSTRIAL ESTATE      |
| City:           | RINGASKIDDY                     |
| State/Country:  | IRELAND                         |

### **PROPERTY NUMBERS Total: 1**

| Property Type       | Number   |
|---------------------|----------|
| Application Number: | 15598533 |

### CORRESPONDENCE DATA

**Fax Number:** (317)231-7433

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:** 3172316412

Email:crystal.johnson@btlaw.comCorrespondent Name:BARNES & THORNBURG LLPAddress Line 1:11 S. MERIDIAN STREET

Address Line 4: INDIANAPOLIS, INDIANA 46204

| ATTORNEY DOCKET NUMBER: | 265280-266041         |
|-------------------------|-----------------------|
| NAME OF SUBMITTER:      | JEFFREY T.G. KELSEY   |
| SIGNATURE:              | /Jeffrey T.G. Kelsey/ |
| DATE SIGNED:            | 11/07/2018            |

### **Total Attachments: 4**

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PATENT 505179888 REEL: 047438 FRAME: 0792

#### PATENT ASSIGNMENT AGREEMENT

This Patent Assignment Agreement ("Assignment"), effective on the date of the last signature below, is by and between:

DePuy Ireland Unlimited Company, an Irish corporation having an office at Loughbeg Industrial Estate, Ringaskiddy, Co Cork, Ireland ("Ireland")

### AND

Medical Device Business Services, Inc., an Indiana corporation having an office at 700 Orthopaedic Drive, Warsaw, Indiana, U.S.A ("MDBS")

#### **AND**

DePuy Synthes Products, Inc., a Delaware corporation having an office at 325 Paramount Drive, Raynham, Massachussetts ("DSP")

(hereinafter individually referred to as a "Party"; collectively referred as the "Parties").

WHEREAS, DePuy (Ireland) and DePuy Products, Inc. ("Products") entered into a Contract Research and Development Agreement ("Research Agreement") effective August 18, 2011 ("Effective Date") related to a Research and Development Programme;

WHEREAS, under the Research Agreement, DePuy (Ireland) owns all patent applications and patents resulting from the work on the Research and Development Programme, including patent applications and patents filed by Products prior to the Effective Date of the Research Agreement (including those listed in Schedule 3 of the Research Agreement), and other patent applications and patents relating to inventions made under the Research Agreement;

WHEREAS, Products has assigned all its rights and obligations under the Research Agreement to DePuy Synthes Products, LLC;

WHEREAS, DePuy Synthes Products, LLC, has changed its name to DePuy Synthes Products, Inc.;

**WHEREAS**, DePuy (Ireland), has changed its name to DePuy Ireland Unlimited Company;

WHEREAS, additional patent applications have been filed since the Effective Date from the work on the Research and Development Programme;

**WHEREAS**, employees of MDBS may work on the Research and Development Programme and may be authors or inventors of Intellectual Property as defined in the Research Agreement;

Confirmation/Assignment\_DEP6727USNP4 (15/598533)

PATENT REEL: 047438 FRAME: 0793 WHEREAS, the Parties wish to memorialize and confirm the assignment of intellectual property rights under the Research Agreement or to assign intellectual property rights to Ireland to the extent that such rights have not already been assigned;

**NOW THEREFORE,** in consideration of valuable consideration, the receipt of which is hereby acknowledged, it is hereby agreed by and between the Parties as follows:

- 1. The Parties confirm and agree that under the Research Agreement, Ireland owns the entire right, title and interest to all Intellectual Property as defined in the Research Agreement, including all patents and patent applications identified in Exhibit A attached hereto and all counterparts of the patents and patents applications listed in Exhibit A worldwide, as well as any and all related continuations, continuations-in-part, divisional, renewals, reissues, reexaminations, extensions, patents of addition, patents of importation and all patents and patent applications claiming priority to the patents and patent applications listed in Exhibit A.
- 2. To the extent that Products, MDBS or DSP is deemed to own any interest in any Intellectual Property as defined in the Research Agreement, or to the extent necessary or desirable to effectuate Section 1 above or the terms of the Research Agreement, Products, MDBS and DSP assign to Ireland the entire right, title and interest in all Intellectual Property as defined in the Research Agreement, including all patents and patent applications identified in Exhibit A attached hereto and all counterparts of the patents and patents applications listed in Exhibit A worldwide, as well as any and all related continuations, continuations-in-part, divisional, renewals, reissues, reexaminations, extensions, patents of addition, patents of importation and all patents and patent applications claiming priority to the patents and patent applications listed in Exhibit A.
- 3. Any Party may assign this Assignment or any and all rights and obligations contemplated herein to an affiliate or to a company acquiring substantially all of the assets of such Party to which this Assignment relates without the consent of the other Party. Any such assignment shall be subject to the terms of this Assignment. Subject to the foregoing, this Assignment shall bind and inure to the benefit of the respective Parties hereto and their successors and assigns.

IN WITNESS WHEREOF, the Parties have caused this Agreement to be duly executed effective as of the date of the last signature below.

DePuy Ireland Unlimited Company

DePuy Synthes Products, Inc.

Simon Potos

Title: Attorney

Date: October 12, 2018

Cynthia K. Barnett

Title: Assistant Secretary Date: October 12, 2018

Medical Device Business Services, Inc.

Cynthia K Barnett

Title: Assistant Secretary
Date: October 2, 2018

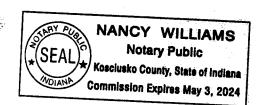
State/Commonwealth of: INDIANA

County of: KOSCIUSKO

On this 12<sup>47</sup> day of October, 2018 before me, the undersigned notary public, personally appeared CYNTHIA K. BARNETT, who is personally known to me to be the person whose name is signed on the preceding or attached document, and acknowledged to me that he signed it voluntarily for its stated purpose.

Y LUMAY WILLIAM Notary Public

\* Kosciusko County, State of Indiana
Commission Expires May 3, 2024



Confirmation/Assignment DEP6727USNP4 (15/598533)

## Schedule A

| Parent       | Filing       | -            |                          | Issue | Patent |
|--------------|--------------|--------------|--------------------------|-------|--------|
| ID Date      | Serial No.   | Patent Title | Date                     | No.   |        |
|              |              |              | SYSTEM AND METHOD OF     |       |        |
|              |              |              | PERFORMING A REAMING     |       |        |
|              |              |              | OPERATION ON A PATIENT'S |       |        |
|              |              |              | FEMUR DURING AN          |       |        |
|              |              |              | ORTHOPAEDIC JOINT        |       |        |
| DEP6727USNP4 | 4 05/18/2017 | 15/598533    | REPLACEMENT PROCEDURE    |       |        |

Confirmation/Assignment\_DEP6727USNP4 (15/598533)

**PATENT REEL: 047438 FRAME: 0796** 

**RECORDED: 11/07/2018**