

<b>PATENT ASSIGNMENT COVER SHEET</b>
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Electronic Version v1.1  
 Stylesheet Version v1.2

EPAS ID: PAT5982473

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
DEPUY SYNTHES PRODUCTS, INC.	02/19/2020
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	DEPUY IRELAND UNLIMITED COMPANY
<b>Street Address:</b>	LOUGHBEG INDUSTRIAL ESTATE
<b>City:</b>	RINGASKIDDY, CO CORK
<b>State/Country:</b>	IRELAND
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
<b>Application Number:</b>	16458077
<b>CORRESPONDENCE DATA</b>	
<b>Fax Number:</b>	(317)231-7433
<i>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.</i>	
<b>Phone:</b>	3172317313
<b>Email:</b>	crystal.johnson@btlaw.com
<b>Correspondent Name:</b>	BARNES & THORNBURG LLP
<b>Address Line 1:</b>	11 S. MERIDIAN STREET
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<b>ATTORNEY DOCKET NUMBER:</b>	265280-275239
<b>NAME OF SUBMITTER:</b>	SHAWN D. BAUER
<b>SIGNATURE:</b>	/Shawn D. Bauer/
<b>DATE SIGNED:</b>	02/26/2020
<b>Total Attachments: 4</b>	
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## 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

DePuy Synthes Products, Inc., a Delaware corporation having an office at  
325 Paramount Drive, Raynham, Massachusetts ("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**, 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 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 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.

By: Cynthia K. Barnett  
Cynthia K. Barnett  
Title: Attorney  
Date: February 19, 2020

By: Jeffrey T.G. Kelsey  
Jeffrey T.G. Kelsey  
Title: Assistant Secretary  
Date: February 19, 2020

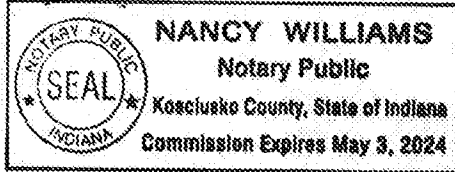
State/Commonwealth of: INDIANA

County of: KOSCIUSKO

On this 19<sup>th</sup> day of February, 2020 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 she signed it voluntarily for its stated purpose.

*Nancy Williams*

Notary Public



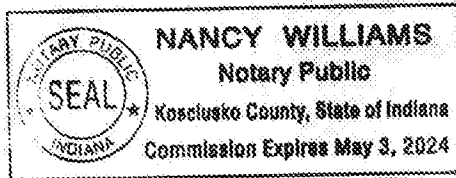
State/Commonwealth of: INDIANA

County of: KOSCIUSKO

On this 19<sup>th</sup> day of February, 2020 before me, the undersigned notary public, personally appeared JEFFREY T.G. KELSEY, 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.

*Nancy Williams*

Notary Public



Schedule A

Parent ID	Filing Date	Serial No.	Patent Title	Publication No.	Issue Date	Patent No.
DSP5436USNP1	06/30/2019	16/458077	FEMORAL TRIAL COMPONENTS AND ASSOCIATED ORTHOPAEDIC SURGICAL METHOD OF USE			

Confirmation/Assignment\_DSP5436USNP1 (16/458077)