# 503098578 12/12/2014 PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:		NEW ASSIGNMENT	NEW ASSIGNMENT			
NATURE OF CONVEYANCE:		ASSIGNMENT				
CONVEYING PARTY	DATA					
		Name	Execution Date			
DEPUY PRODUCTS, I	NC.		08/05/2013			
	<u></u>					
RECEIVING PARTY DATA       Name:     DEPUY (IRELAND)						
Street Address:	,	LOUGHBEG INDUSTRIAL ESTATE				
Internal Address:		RINGASKIDDY				
City:	CORK					
State/Country:		IRELAND				
PROPERTY NUMBER	S Total: 1					
Property Type		Number				
Application Number:	13	3538086				
CORRESPONDENCE						
Fax Number:	•	′32)524-2808 ˈ <b>he e-mail address first; if that is unsucc</b>	ossful it will be sent			
using a fax number, i	i proviaea;	if that is unsuccessful, it will be sent via	n US Mail.			
<i>using a fax number, i</i> Phone:	•	if that is unsuccessful, it will be sent via 32-524-3967	n US Mail.			
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Phone:	7: jnj	32-524-3967 juspatent@corus.jnj.com ERNARD F. PLANTZ JOHNSON & JOHNS				
Phone: Email: Correspondent Name Address Line 1:	73 jnj e: Bl	32-524-3967 juspatent@corus.jnj.com ERNARD F. PLANTZ JOHNSON & JOHNS NE JOHNSON & JOHNSON PLAZA	SON			
Phone: Email: Correspondent Name	73 jnj e: Bl	32-524-3967 juspatent@corus.jnj.com ERNARD F. PLANTZ JOHNSON & JOHNS	SON			
Phone: Email: Correspondent Name Address Line 1: Address Line 4:	73 jn BI O N	32-524-3967 juspatent@corus.jnj.com ERNARD F. PLANTZ JOHNSON & JOHNS NE JOHNSON & JOHNSON PLAZA	SON			
Phone: Email: Correspondent Name Address Line 1: Address Line 4:	73 jn 0 0 NI <b>NUMBER:</b>	32-524-3967 juspatent@corus.jnj.com ERNARD F. PLANTZ JOHNSON & JOHNS NE JOHNSON & JOHNSON PLAZA EW BRUNSWICK, NEW JERSEY 08933-7	SON			
Phone: Email: Correspondent Name Address Line 1: Address Line 4: ATTORNEY DOCKET N NAME OF SUBMITTER	73 jn 0 0 NI <b>NUMBER:</b>	32-524-3967 juspatent@corus.jnj.com ERNARD F. PLANTZ JOHNSON & JOHNS NE JOHNSON & JOHNSON PLAZA EW BRUNSWICK, NEW JERSEY 08933-7 DEP6398USNP	SON			
Phone: Email: Correspondent Name Address Line 1:	73 jn 0 0 NI <b>NUMBER:</b>	32-524-3967 juspatent@corus.jnj.com ERNARD F. PLANTZ JOHNSON & JOHNS NE JOHNSON & JOHNSON PLAZA EW BRUNSWICK, NEW JERSEY 08933-7 DEP6398USNP NANCY WILLIAMS	SON			
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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), an Irish corporation having an office at Loughbeg Industrial Estate, Ringaskiddy, Co Cork, Ireland, ("Ireland")

#### AND

#### DePuy Products, Inc., an Indiana corporation having an office at 700 Orthopaedic Drive, Warsaw, Indiana, U.S.A ("Products")

#### AND

DePuy Orthopaedics, Inc., an Indiana corporation having an office at 700 Orthopaedic Drive, Warsaw, Indiana, U.S.A ("Orthopaedics")

#### AND

DePuy Synthes Products, LLC, 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, Ireland and 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, 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 DSP;

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

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

Confirmation/Assignment2

### PATENT REEL: 034494 FRAME: 0579

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:

The Parties confirm and agree that under the Research Agreement, Ireland owns 1. 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.

To the extent that Products, Orthopaedics 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, Orthopaedics 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.

Any Party may assign this Assignment or any and all rights and obligations 3. 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 Products, Inc.

By: 🗸 Stephen J. Manich

Title: Assistant Secretary Date: August 5, 2013

DePuy (Ireland)

By:

Brian S. Tomko Title: Assistant General Counsel - Patents Date: August 5, 2013

NOTARY PUBLIC OF NEW JERSEY

Commission Expines 10/28/2013

PATENT REEL: 034494 FRAME: 0580

Confirmation/Assignment2

DePuy Orthopaedics, Inc.

By:

Stephen J. Manich Title: Assistant Secretary Date: August 5, 2013

State/Commonwealth of: INDIANA

County of: KOSCIUSKO

DePuy Synthes Products, LLC

By:

Stephen J. Manich Title: Assistant Secretary Date: August 5, 2013

On this  $\underbrace{\mathcal{O} \ \mathcal{U} \mathcal{U}}_{\text{personally appeared}}$  day of AUGUST, 2013 before me, the undersigned notary public, personally appeared STEPHEN J. MANICH, 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.

Notary Public

My Commission Expires:

Nancy Williams Notary Public State of Indiana Kosciusko'County My Commission Exp. June 21, 2016

State/Commonwealth of: NEW JERSEY

County of: Moning out

On this <u>5</u> day of AUGUST, 2013 before me, the undersigned notary public, personally appeared BRIAN S. TOMKO, 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.

Notary Public

My Commission Expires: 10/28/13

AMANDA LIN HAYNES NOTARY PUBLIC OF NEW JERSEY Commission Expires 10/28/2013

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Confirmation/Assignment2

### PATENT REEL: 034494 FRAME: 0581

 Parent
 Filing
 Assue
 Patent

 ID
 Date
 Serial No.
 Patent Title
 Publication No.
 Date
 No.

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# PATENT REEL: 034494 FRAME: 0582

**RECORDED: 12/12/2014**