## PATENT ASSIGNMENT COVER SHEET

**SUBMISSION TYPE:** NEW ASSIGNMENT  
**NATURE OF CONVEYANCE:** ASSIGNMENT

### CONVEYING PARTY DATA

<table>
<thead>
<tr>
<th>Name</th>
<th>Execution Date</th>
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<tbody>
<tr>
<td>DEPUY PRODUCTS, INC.</td>
<td>08/18/2011</td>
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### RECEIVING PARTY DATA

<table>
<thead>
<tr>
<th>Name</th>
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<tbody>
<tr>
<td>DEPUY (IRELAND)</td>
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<table>
<thead>
<tr>
<th>Street Address</th>
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<tr>
<td>LOUGHBEG, RINGASKIDDY</td>
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<table>
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### PROPERTY NUMBERS Total: 2

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<td>Patent Number</td>
<td>8206451</td>
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### 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 via US Mail.**

**Email:** agraber@btlaw.com  
**Correspondent Name:** BARNES & THORNBURG LLP  
**Address Line 1:** 11 S MERIDIAN STREET  
**Address Line 4:** INDIANAPOLIS, INDIANA 46204

### NAME OF SUBMITTER:

JEFFREY T.G. KELSEY

### SIGNATURE:

/Jeffrey T.G. Kelsey/

### DATE SIGNED:

04/22/2014

### Total Attachments: 15

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CONTRACT RESEARCH AND DEVELOPMENT AGREEMENT

This Contract Research and Development Agreement ("Agreement") is by and between:

DePuy (Ireland), an Irish corporation having its registered office at Loughbeg Industrial Estate, Ringaskiddy, Co Cork, Ireland, ("Principal")

AND

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

(hereinafter individually referred to as a "Party"; collectively referred as the "Parties").
NOW THEREFORE IT IS HEREBY AGREED by and between the Parties as follows:

1.1 DEFINITIONS

"Intellectual Property Rights" means inventions, improvements, Know-How, ideas, copyrightable works, records, reports, specifications, drawings and models made or conceived by the Contract Researcher (or its employees or outside developers under an obligation to assign such works to the Contract Researcher) in connection with the Research and Development Programme and includes but is not limited to copyrights, neighboring rights, rights on databases, patents, patent applications, trademarks, designs, processes, methods, models, trade secrets and Know-How, resulting from the Research and Development Programme and includes the patent and patent applications identified as "Current Blue Book Patents and Patent Applications" in Schedule 3, and all counterparts of those listed in Schedule 3 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 Schedule 3.
3. INTELLECTUAL PROPERTY RIGHTS

3.1 All Intellectual Property Rights are exclusively owned by the Principal as from their coming into existence or, where not capable of such treatment, either from the execution of this Agreement for rights already in existence as of the date thereof, or when assigned to Contract Researcher by its employee or outside developer.
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[the remainder of this page is intentionally left blank]
IN WITNESS WHEREOF, the Parties have caused this Agreement to be duly executed effective as of the day and year first above written.

DePuy Products, Inc.

By: \underline{Mary Reg%

Title: VP, Finance

Date: \underline{15th August 2011}

DePuy (Ireland)

By: \underline{Sylvia Fouhy

Title: Vice-President DePuy (Ireland)

Date: \underline{15th August 2011}
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