

## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1  
 Stylesheet Version v1.2

EPAS ID: PAT5134618

|                                                                                                                                                                                                 |                                                |                       |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------|-----------------------|
| <b>SUBMISSION TYPE:</b>                                                                                                                                                                         | NEW ASSIGNMENT                                 |                       |
| <b>NATURE OF CONVEYANCE:</b>                                                                                                                                                                    | ASSIGNMENT                                     |                       |
| <b>CONVEYING PARTY DATA</b>                                                                                                                                                                     |                                                |                       |
| <b>Name</b>                                                                                                                                                                                     |                                                | <b>Execution Date</b> |
| MEDICAL ENTERPRISES DISTRIBUTION, LLC                                                                                                                                                           |                                                | 07/12/2018            |
| <b>RECEIVING PARTY DATA</b>                                                                                                                                                                     |                                                |                       |
| <b>Name:</b>                                                                                                                                                                                    | DEPUY SYNTHES PRODUCTS, INC.                   |                       |
| <b>Street Address:</b>                                                                                                                                                                          | 325 PARAMOUNT DRIVE                            |                       |
| <b>City:</b>                                                                                                                                                                                    | RAYNHAM                                        |                       |
| <b>State/Country:</b>                                                                                                                                                                           | MASSACHUSETTS                                  |                       |
| <b>Postal Code:</b>                                                                                                                                                                             | 02767                                          |                       |
| <b>PROPERTY NUMBERS Total: 1</b>                                                                                                                                                                |                                                |                       |
| <b>Property Type</b>                                                                                                                                                                            | <b>Number</b>                                  |                       |
| <b>Application Number:</b>                                                                                                                                                                      | 15446862                                       |                       |
| <b>CORRESPONDENCE DATA</b>                                                                                                                                                                      |                                                |                       |
| <b>Fax Number:</b>                                                                                                                                                                              |                                                |                       |
| <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>                                                                                                                                                                                   | 617-542-6000                                   |                       |
| <b>Email:</b>                                                                                                                                                                                   | taschraffa@mintz.com, ipdocketingbos@mintz.com |                       |
| <b>Correspondent Name:</b>                                                                                                                                                                      | MINTZ LEVIN                                    |                       |
| <b>Address Line 1:</b>                                                                                                                                                                          | ONE FINANCIAL CENTER                           |                       |
| <b>Address Line 4:</b>                                                                                                                                                                          | BOSTON, MASSACHUSETTS 02111                    |                       |
| <b>ATTORNEY DOCKET NUMBER:</b>                                                                                                                                                                  | 47062-548002US                                 |                       |
| <b>NAME OF SUBMITTER:</b>                                                                                                                                                                       | WILLIAM C. GEARY                               |                       |
| <b>SIGNATURE:</b>                                                                                                                                                                               | /William C. Geary/                             |                       |
| <b>DATE SIGNED:</b>                                                                                                                                                                             | 09/11/2018                                     |                       |
| <b>Total Attachments: 9</b>                                                                                                                                                                     |                                                |                       |
| source=Assignment Agreement_MED to DSP#page1.tif                                                                                                                                                |                                                |                       |
| source=Assignment Agreement_MED to DSP#page2.tif                                                                                                                                                |                                                |                       |
| source=Assignment Agreement_MED to DSP#page3.tif                                                                                                                                                |                                                |                       |
| source=Assignment Agreement_MED to DSP#page4.tif                                                                                                                                                |                                                |                       |
| source=Assignment Agreement_MED to DSP#page5.tif                                                                                                                                                |                                                |                       |
| source=Assignment Agreement_MED to DSP#page6.tif                                                                                                                                                |                                                |                       |

source=Assignment Agreement\_MED to DSP#page7.tif  
source=Assignment Agreement\_MED to DSP#page8.tif  
source=Assignment Agreement\_MED to DSP#page9.tif

**PATENT ASSIGNMENT AGREEMENT**

THIS PATENT ASSIGNMENT AGREEMENT (this “Assignment”) is dated as of July 12, 2018 (“Effective Date”), and is made from Medical Enterprises Distribution, LLC, a Wyoming limited liability company (“Assignor”), to DePuy Synthes Products, Inc., a Delaware corporation (“Assignee”).

**WITNESSETH:**

**WHEREAS**, Assignor is the owner of those certain issued patents and patent applications set forth in the attached Schedule A (the “Patents”); and

**WHEREAS**, pursuant to the Asset Purchase Agreement dated May 13, 2018, by and between Assignor and Assignee (the “Purchase Agreement”), Assignee has agreed to purchase, take delivery of and acquire, and Assignor has agreed to sell, convey, deliver, transfer and assign to Assignee, all of Assignee’s right, title and interest in, to and under the Patents.

**NOW, THEREFORE**, for good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, the parties hereto agree as follows:

1. Assignment of Rights. Effective upon the Effective Date, Assignor hereby sells, conveys, delivers, transfers and assigns to Assignee all of its right, title and interest in, to and under (a) the Patents, (b) the right to claim priority in the United States and before any international conventions and any other foreign jurisdictions, and continuations, continuations-in-part, divisionals, reissues, reexaminations, extensions, modifications, substitutions, and where relevant supplementary protection certificates, (c) all applications and registrations for the Patents, and (d) any and all rights, benefits, privileges and proceeds under the Patents throughout the world, including, without limitation, (i) any and all claims by Assignor against any third party for past, present or future infringement, dilution, misappropriation, misuse or other violation of any of the Patents, (ii) the exclusive right to apply for and maintain all registrations, renewals and/or extensions thereof, and (iii) the exclusive right to grant licenses or other interests therein.

2. Recordation. Effective upon the Effective Date, Assignee shall be responsible for and shall pay all costs relating to the registration, maintenance and prosecution of the Patents, including without limitation payment of any associated fees therefor, for the notarization, authentication, legalization or consularization of the signatures hereof, and for the recording of such assignment documents with the appropriate governmental authorities. Assignor agrees that Assignee shall have the rights to register and record its rights in the Patents, in its name, in the United States Patent and Trademark Office or in any foreign equivalent thereof.

3. Attorney. Assignor hereby appoints Assignee as Assignor’s true and lawful attorney in fact for the sole purpose of this Assignment, with full power of substitution in Assignor’s name and stead, to take any and all steps, including proceedings at law, in equity or otherwise, to execute, acknowledge and deliver any and all instruments and assurances necessary or expedient in order to vest or perfect the aforesaid rights and causes of action more effectively in Assignee or to protect the same or to enforce any claim or right of any kind with respect thereto. This includes, but is not limited to, any rights with respect to the Patents that may have

accrued in Assignor's favor from the respective date of first creation of any of the Patents to the date of this Assignment.

4. Further Assurances. Assignor further agrees that Assignor will, without demanding any further consideration therefor, at the request but at the expense of Assignee, do all lawful and just acts, including without limitation the execution and acknowledgment of instruments, that may be or become necessary to effect or formalize the transfer of the Patents.

5. Miscellaneous. This Assignment is executed and delivered pursuant to, and is in accordance with, the Purchase Agreement. In the event that any provision of this Assignment shall be construed to conflict with a provision in the Purchase Agreement, the provision in the Purchase Agreement shall control. This Assignment may be executed in any number of counterparts, each of which shall be an original, but all of such counterparts together constitute one and the same instrument. This Assignment shall be binding upon and shall inure to the benefit of the parties hereto and their respective successors and assigns. This Assignment and the rights and obligations of the parties hereunder shall be construed in accordance with and governed by the laws of the State of New York, without regard to conflict of laws principles.

*[Remainder of page intentionally left blank]*

IN WITNESS WHEREOF, the undersigned have executed, made and entered into this Assignment under seal as of the date first set forth above.

**MEDICAL ENTERPRISES DISTRIBUTION,  
LLC**

By: [Signature]  
Name: Peter Handy  
Title: Secretary

[Jurisdiction]  
Washington DC  
[city/county], ss.

On this 12th day of July, 2018, before me, the undersigned notary public,  
personally appeared Peter Handy  
Name (s) of Signer(s)

proved to me through satisfactory evidence of identification, which  
was/were Florida Drivers License  
Description of Evidence of Identity

to be the person(s) whose name(s) is/are signed on the preceding or attached document, and  
acknowledged to me that he/she/they signed it voluntarily for its stated purpose.

as Legal Secretary for  
Title of Office  
MediCorp, a corporation.

[Signature]  
Signature of Notary Public

Place Notary Seal and/or Stamp above



[Signature Page to Patent Assignment Agreement]

IN WITNESS WHEREOF, the undersigned have executed, made and entered into this Assignment as of the date first set forth above.

DEPUY SYNTHES PRODUCTS, INC.

By:

Name:

Title:



Andrew Farmer

Asst. Sec.

*[Signature Page to Patent Assignment Agreement]*

**Schedule A**

**Patents**

| <b>Country</b> | <b>Application or Patent Number<br/>(*Attorney reference number is provided if<br/>application/patent number is to be determined)</b> |
|----------------|---------------------------------------------------------------------------------------------------------------------------------------|
| US             | 62/101,416                                                                                                                            |
| US             | 62/108,749                                                                                                                            |
| US             | 62/381,864                                                                                                                            |
| US             | 62/393,975                                                                                                                            |
| US             | 62/511,811                                                                                                                            |
| US             | 62/599,616                                                                                                                            |
| US             | 14/992,781                                                                                                                            |
| US             | 15/009,723                                                                                                                            |
| US             | 15/439,692                                                                                                                            |
| US             | 15/544,317                                                                                                                            |
| US             | 15/446,862                                                                                                                            |
| US             | 15/600,234                                                                                                                            |
| US             | 15/600,284                                                                                                                            |
| US             | 15/789,493                                                                                                                            |
| US             | 15/939,048                                                                                                                            |
| US             | 15/978,763                                                                                                                            |
| US             | 61/290,336                                                                                                                            |
| US             | 61/551,422                                                                                                                            |
| US             | 61/603,320                                                                                                                            |
| US             | 61/734,539                                                                                                                            |
| US             | 61/682,915                                                                                                                            |
| US             | 12/980,329                                                                                                                            |
| US             | 13/337,075                                                                                                                            |

|     |                   |
|-----|-------------------|
| US  | 13/466,870        |
| US  | 13/759,813        |
| US  | 13/790,870        |
| US  | 14/099,447        |
| US  | 14/099,467        |
| US  | 14/250,102        |
| US  | 14/332,767        |
| US  | 14/332,790        |
| US  | 14/806,337        |
| US  | 14/850,588        |
| US  | 14/850,620        |
| US  | 14/850,639        |
| US  | 14/850,660        |
| US  | 14/850,674        |
| US  | 14/850,695        |
| US  | 15/098,662        |
| US  | 15/677,933        |
| US  | 15/857,385        |
| US  | 8,393,409         |
| US  | 8,602,124         |
| US  | 8,695,726         |
| US  | 8,936,105         |
| US  | 8,936,106         |
| US  | 9,901,354         |
| PCT | PCT/US2016/012917 |
| PCT | PCT/US2016/015380 |
| PCT | PCT/US2017/018921 |
| PCT | PCT/US2017/020218 |
| PCT | PCT/US2018/017763 |



|           |                   |
|-----------|-------------------|
| PCT       | PCT/US2018/024934 |
| PCT       | PCT/US2011/067626 |
| PCT       | PCT/US2013/029944 |
| PCT       | PCT/US2013/029962 |
| Australia | 2016205046        |
| Australia | 2016211455        |
| Australia | 2017320579        |
| Australia | 2017320580        |
| Australia | 2011352121        |
| Australia | 2013260168        |
| Australia | 2013260169        |
| Australia | 2017210500        |
| Canada    | 2,973,373         |
| Canada    | 2,973,470         |
| Canada    | (*474731CA)       |
| Canada    | (*479403CA)       |
| Canada    | 2,823,207         |
| Canada    | 2,872,180         |
| Canada    | 2,872,182         |
| China     | 201680005306.3    |
| China     | 201680006256.0    |
| China     | (*474731CN)       |
| China     | (*479403CN)       |
| China     | 201180062982.1    |
| China     | 201380023933.6    |
| China     | 201610952760.1    |
| China     | 201380023969.4    |
| China     | 201711015685.7    |
| Europe    | 16709842.5        |

|           |              |
|-----------|--------------|
| Europe    | 16712549.1   |
| Europe    | 17709524.7   |
| Europe    | 17709895.1   |
| Europe    | 11854028     |
| Europe    | 13787551.4   |
| Europe    | 13787769.2   |
| Europe    | 16193018.5   |
| Europe    | 17179081.9   |
| Europe    | 17199731.5   |
| Europe    | 2658462      |
| Europe    | 2846722      |
| Hong Kong | 15108752.4   |
| Hong Kong | 15109227.9   |
| Hong Kong | 17106835.7   |
| India     | 201717023472 |
| India     | 201717024363 |
| India     | 201817015286 |
| India     | 201817015287 |
| Japan     | 2017-539564  |
| Japan     | 2017-555442  |
| Japan     | (*474731JP)  |
| Japan     | (*479403JP)  |
| Japan     | 2013-547652  |
| Japan     | 2015-511440  |
| Japan     | 2015-511441  |
| Japan     | 2016-210624  |
| Japan     | 2017-195035  |
| Japan     | 6034302      |
| Japan     | 6101344      |

|       |                 |
|-------|-----------------|
| Japan | 6229956         |
| Korea | 10-2017-7022212 |
| Korea | 10-2017-7022722 |
| Korea | 10-2018-7011556 |
| Korea | 10-2018-7011557 |
| Korea | 10-2014-7034156 |
| Korea | 10-2014-7034169 |