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| PATENT ASSIGNMENT COVER SHEET |
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Electronic Version v1.1
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EPAS ID: PAT4581173

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|---|------------------------------|
| SUBMISSION TYPE: | NEW ASSIGNMENT |
| NATURE OF CONVEYANCE: | ASSIGNMENT |
| CONVEYING PARTY DATA | |
| Name | Execution Date |
| RAJENDRA KASINATH | 04/19/2017 |
| CRAIG ERNSBERGER | 05/01/2017 |
| STEPHANIE VASS | 04/18/2017 |
| STEVEN N. GINN | 03/27/2017 |
| HAIBO QU | 06/20/2017 |
| WEIDONG TONG | 04/18/2017 |
| RECEIVING PARTY DATA | |
| Name: | DEPUY SYNTHES PRODUCTS, INC. |
| Street Address: | 325 PARAMOUNT DRIVE |
| City: | RAYNHAM |
| State/Country: | MASSACHUSETTS |
| Postal Code: | 02767-0350 |
| PROPERTY NUMBERS Total: 1 | |
| Property Type | Number |
| Application Number: | 15472189 |
| CORRESPONDENCE DATA | |
| Fax Number: | (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> | |
| Phone: | 317-236-1313 |
| Email: | sswitzer@btlaw.com |
| Correspondent Name: | BARNES & THORNBURG LLP |
| Address Line 1: | 11 SOUTH MERIDIAN STREET |
| Address Line 4: | INDIANAPOLIS, INDIANA 46204 |
| ATTORNEY DOCKET NUMBER: | 265280-259106 |
| NAME OF SUBMITTER: | JEFFREY T.G. KELSEY |
| SIGNATURE: | /Jeffrey T.G. Kelsey/ |
| DATE SIGNED: | 09/06/2017 |
| This document serves as an Oath/Declaration (37 CFR 1.63). | |

Total Attachments: 12

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COMBINED DECLARATION AND ASSIGNMENT

Title of Invention: ORTHOPEDIC IMPLANT HAVING A CRYSTALLINE CALCIUM PHOSPHATE COATING AND METHODS FOR MAKING THE SAME

This declaration and assignment is directed to the United States application number 15/472,189 filed on March 28, 2017.

Declaration

As the below named inventor, I hereby declare that:

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325 Paramount Drive
Raynham, MA 02767-0350

A corporation of the state of Delaware

(hereinafter designated as the "Assignee"), my entire right, title, and interest in, to, and under the Application, including all priority rights for other countries arising therefrom and the right to claim priority to the Application, all inventions or discoveries therein disclosed, and any and all Letters Patent of the United States, European Patent Office and of all other countries, which may be granted for such inventions or discoveries, or any of them, all such inventions or discoveries and all rights in such Application including any and all provisionals, substitutions, divisions, and continuations thereof, and to all Letters Patent that may be granted for said inventions and discoveries, and in and to all extensions, supplementary protection certificates, reexaminations, renewals, and reissues thereof, to be held and enjoyed by Assignee for its own use and enjoyment to the full end of the term or terms for which such Letters Patent may be granted, as fully and entirely as the same would have been held and enjoyed by me had this assignment and sale not been made.

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LEGAL NAME OF INVENTOR

Craig Ernsberger

Inventor



Signature

5-1-17

Date

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A corporation of the state of Delaware

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LEGAL NAME OF INVENTOR

Rajendra Kasinath

Inventor



Signature

4/19/2017

Date

COMBINED DECLARATION AND ASSIGNMENT**Title of Invention:** ORTHOPEDIC IMPLANT HAVING A CRYSTALLINE CALCIUM PHOSPHATE COATING AND METHODS FOR MAKING THE SAME

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Raynham, MA 02767-0350

A corporation of the state of Delaware

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LEGAL NAME OF INVENTOR

Stephanie Vass

Inventor

Stephanie Vass

Signature

4/18/17

Date

COMBINED DECLARATION AND ASSIGNMENT

Title of Invention: ORTHOPEDIC IMPLANT HAVING A CRYSTALLINE CALCIUM PHOSPHATE COATING AND METHODS FOR MAKING THE SAME

This declaration and assignment is directed to the attached application of:

Steven N. Ginn

Declaration

As the below named inventor, I hereby declare that:

The above-identified application ("Application") was made or authorized by me.

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Raynham, MA 02767-0350

A corporation of the state of Delaware

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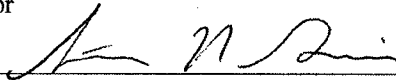
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LEGAL NAME OF INVENTOR

Steven N. Ginn

Inventor



Signature

3-27-2017

Date

DMS 4843466v1

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LEGAL NAME OF INVENTOR

Haibo Qu

Inventor



Signature

June - 20 - 2017

Date

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LEGAL NAME OF INVENTOR

Weidong Tong

Inventor



Signature

4/18/2017

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DMS 4926726v1