504430102 06/26/2017

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT4476802

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
MORDECHAY BEYAR	06/20/2017
OREN GLOBERMAN	06/20/2017

RECEIVING PARTY DATA

Name:	DEPUY SYNTHES PRODUCTS, INC.	
Street Address:	325 PARAMOUNT DRIVE	
City:	RAYNHAM	
State/Country:	MASSACHUSETTS	
Postal Code:	02767	

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	15491214

CORRESPONDENCE DATA

Fax Number: (617)310-9000

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.

Email: docket@nutter.com **RONALD E. CAHILL** Correspondent Name:

Address Line 1: **NUTTER MCCLENNEN & FISH LLP**

Address Line 2: 155 SEAPORT BLVD

Address Line 4: BOSTON, MASSACHUSETTS 02210

ATTORNEY DOCKET NUMBER:	101896-1955 DEP6109USCNT1
NAME OF SUBMITTER:	RONALD E. CAHILL
SIGNATURE:	/Ronald E. Cahill/
DATE SIGNED:	06/26/2017

Total Attachments: 4

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> **PATENT** REEL: 042810 FRAME: 0062

504430102

	Attorney Docket No.: 101896-1955 DEP6109USCNT1
COMBINED DECLARATION AND ASSIGNMENT	
Title of Invention: BONE CEMENT AND METHODS OF USE THEREOF	
This declaration and assignment is directed to:	
	The attached or filed herewith application of (list of named inventors),
or	
	The United States application or PCT international application number 15/491,214 filed on April 19, 2017.
Declaration	
As the below named inventor, I hereby d	lectare that:
The above-identified application ("Application") was made or authorized by me.	
I believe that I am the original inventor of	or an original inventor of a claimed invention or discovery in the Application.
I have reviewed and understood the contents of the Application, including the claims, and I acknowledge the duty to disclose information which is material to patentability as defined in Title 37, the United States Code of Federal Regulations, §1.56 for filings of this Application in the United States of America.	
I hereby acknowledge that any willful false statement made in this declaration is punishable under 18 U.S.C. § 1001 by fine or imprisonment of not more than five (5) years, or both for filings of this Application in the United States of America.	
Assignment	DePuy Synthes Products, Inc. 325 Paramount Drive Raynham, MA 02767
A co	rporation of the state or country of Delaware
(1	hereinafter designated as the "Assignee"),
I hereby acknowledge that I have assigned the above-identified invention by previous assignment (attached hereto) to Assigned which is hereby conformed for recordation in the US Patent Office and I confirm I have and do assign and transfer:	
or	
For good and valuable consideration, assigned and transferred to Assignee:	the sufficiency of which is acknowledged, I hereby assign and transfer and/or have
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 us 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 woulhave been held and enjoyed by me had this assignment and sale not been made.	
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PATENT REEL: 042810 FRAME: 0063

Attorney Docket No. 101896-1955 DEP6109USCNT1

I shall execute all papers necessary in connection with the Application in the United States Patent and Trademark Office, European Patent Office, any other patent offices, and under the Patent Cooperation Treaty, and any continuing, divisional, or reissue applications thereof, any reexamination of any of such applications, and any patent term extensions or supplementary protection certificates of any such applications and also to execute separate assignments in connection with such applications as the Assignce may deem necessary or expedient.

I shall execute all papers necessary in connection with any litigation or any other judicial proceeding in the United States or other country, or any administrative proceeding in the United States Patent and Trademark Office, European Patent Office, any other patent office, or under the Patent Cooperation Treaty concerning the Application(s) or any continuation, divisional, or reissue applications thereof, or any reexamination of any such applications, or any Letters Patent issued therefrom or any patent term extensions or supplementary protection certificates of any such applications and to cooperate with the Assignce in every way possible in obtaining evidence and going forward with such litigation or proceeding.

I shall execute all papers and documents and perform any act which may be necessary in connection with claims or provisions of the International Convention for Protection of Industrial Property or similar agreements.

I shall do all other acts which, in the opinion of Assignee, may be necessary or desirable to secure the grant of Letters Patent to Assignee or its nominees, in the United States, by the European Patent Office and in all other countries where Assignee may desire to have such inventions or discoveries, or any of them, patented, with specifications and claims in such form as shall be approved by Assignee and to vest and confirm in Assignee or its nominees the full and complete legal and equitable title to all such Letters Patent.

I hereby (i) authorize and request the Commissioner of Patents to issue any and all Letters Patent of the United States resulting from the Application or any divisional, continuation, or reissue applications thereof, and any reexamination of any of such applications, to Assignce, and (ii) covenant that I have full right to convey the interest herein assigned, and that I have not executed, and will not execute, any agreement in conflict herewith.

I hereby grant the attorney of record the power to insert on this assignment any further identification which may be necessary or desirable in order to obtain legal recordation of this document.

Signature

Date

Date

Page 2 of 2

	Attorney Docket No.: 101896-1955 DEP6109USCNT1
COMBINEI	DECLARATION AND ASSIGNMENT
Title of Invention: BONE CEMENT AND M	METHODS OF USE THEREOF
This declaration and assignment is directed to:	
	The attached or filed herewith application of (list of named inventors),
or	
	The United States application or PCT international application number 15/491,214 filed on April 19, 2017.
Declaration	
As the below named inventor, I hereby de	eclare that:
The above-identified application ("Application of the above-identified application of the above-identi	cation") was made or authorized by me.
I believe that I am the original inventor or	r an original inventor of a claimed invention or discovery in the Application.
I have reviewed and understood the contents of the Application, including the claims, and I acknowledge the duty to disclose information which is material to patentability as defined in Title 37, the United States Code of Federal Regulations, §1.56 for filings of this Application in the United States of America.	
	alse statement made in this declaration is punishable under 18 U.S.C. § 1001 by fine or oth for filings of this Application in the United States of America.
Assignment	
	DePuy Synthes Products, Inc. 325 Paramount Drive Raynham, MA 02767
A cor	poration of the state or country of Delaware
(h	ereinafter designated as the "Assignee"),
I hereby acknowledge that I have assigned the above-identified invention by previous assignment (attached hereto) to Assigne which is hereby conformed for recordation in the US Patent Office and I confirm I have and do assign and transfer:	
or	
For good and valuable consideration, t assigned and transferred to Assignee:	the sufficiency of which is acknowledged, I hereby assign and transfer and/or have
the right to claim priority to the Application, all is States. European Patent Office and of all other of such inventions or discoveries and all rights is continuations thereof, and to all Letters Patent to supplementary protection certificates, reexaminat	or the Application, including all priority rights for other countries arising therefrom and inventions or discoveries therein disclosed, and any and all Letters Patent of the United countries, which may be granted for such inventions or discoveries, or any of them, all in such Application including any and all provisionals, substitutions, divisions, and that may be granted for said inventions and discoveries, and in and to all extensions, ions, renewals, and reissues thereof, to be held and enjoyed by Assignee for its own use is for which such Letters Patent may be granted, as fully and entirely as the same would niment and sale not been made.
	Page 1 of 2

PATENT REEL: 042810 FRAME: 0065

Attorney Docket No. 101896-1955 DEP6109USCNT1

I shall execute all papers necessary in connection with the Application in the United States Patent and Trademark Office, European Patent Office, any other patent offices, and under the Patent Cooperation Treaty, and any continuing, divisional, or reissue applications thereof, any reexamination of any of such applications, and any patent term extensions or supplementary protection certificates of any such applications and also to execute separate assignments in connection with such applications as the Assignee may deem necessary or expedient.

I shall execute all papers necessary in connection with any litigation or any other judicial proceeding in the United States or other country, or any administrative proceeding in the United States Patent and Trademark Office, European Patent Office, any other patent office, or under the Patent Cooperation Treaty concerning the Application(s) or any continuation, divisional, or reissue applications thereof, or any reexamination of any such applications, or any Letters Patent issued therefrom or any patent term extensions or supplementary protection certificates of any such applications and to cooperate with the Assignee in every way possible in obtaining evidence and going forward with such litigation or proceeding.

I shall execute all papers and documents and perform any act which may be necessary in connection with claims or provisions of the International Convention for Protection of Industrial Property or similar agreements.

I shall do all other acts which, in the opinion of Assignee, may be necessary or desirable to secure the grant of Letters Patent to Assignee or its nominees, in the United States, by the European Patent Office and in all other countries where Assignee may desire to have such inventions or discoveries, or any of them, patented, with specifications and claims in such form as shall be approved by Assignee and to vest and confirm in Assignee or its nominees the full and complete legal and equitable title to all such Letters Patent.

I hereby (i) authorize and request the Commissioner of Patents to issue any and all Letters Patent of the United States resulting from the Application or any divisional, continuation, or reissue applications thereof, and any reexamination of any of such applications, to Assignee, and (ii) covenant that I have full right to convey the interest herein assigned, and that I have not executed, and will not execute, any agreement in conflict herewith.

I hereby grant the attorney of record the power to insert on this assignment any further identification which may be necessary or desirable in order to obtain legal recordation of this document.

Signature

Date

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PATENT REEL: 042810 FRAME: 0066

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