505636774 08/23/2019

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT5683580

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
CORY A. COLLINGE	08/12/2019
FRANK A. LIPORACE	10/15/2018
BRUCE H. ZIRAN	10/08/2018

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:	15918655

CORRESPONDENCE DATA

Fax Number: (732)524-2808

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.

Phone: 7325243967

Email: JNJUSPATENT@CORUS.JNJ.COM

Correspondent Name: JOSEPH F. SHIRTZ, ESQ.

Address Line 1: ONE JOHNSON & JOHNSON PLAZA Address Line 4: **NEW BRUNSWICK, NEW JERSEY 08933**

ATTORNEY DOCKET NUMBER:	TTORNEY DOCKET NUMBER: 10139/33102 (DSP5327USNP)	
NAME OF SUBMITTER:	ANNE STASIK	
SIGNATURE:	/Anne Stasik/	
DATE SIGNED:	08/23/2019	
	This document serves as an Oath/Declaration (37 CFR 1.63).	

Total Attachments: 6

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source=Combined Dec-Assignments DSP5327USNP-Frank A. LIPORACE_signed#page2.tif source=Combined Dec-Assignments DSP5327USNP-Bruce H. ZIRAN_signed#page1.tif source=Combined Dec-Assignments DSP5327USNP-Bruce H. ZIRAN_signed#page2.tif

PATENT REEL: 050157 FRAME: 0448

COMBINED DECLARATION AND ASSIGNMENT

Title of Invention: PROXIMAL FEMUR PLATE SYSTEM

This declaration and assignment is directed to:	The attached or filed herewith application of (list of named inventors),	
0	î.	
* E	The United States application or PCT international application number 15/918655 filed on 12 Mar 2018	
Declaration		
As the below named inventor, I hereb	y declare that:	
The above-identified application ("Application") was made or authorized by me.		
I believe that I am the original invento	or or an original inventor of a claimed invention or discovery in the Application.	
	contents of the Application, including the claims, and I acknowledge the duty to disclose s defined in Title 37, the United States Code of Federal Regulations, §1.56 for filings of this	
	I false statement made in this declaration is punishable under 18 U.S.C. § 1001 by fine or both for filings of this Application in the United States of America.	
Assignment		
	DePuy Synthes Products, Inc. 325 Paramount Drive Raynham, Massachusetts 02767-0350	
	A corporation of the state of <u>Delaware</u> (hereinafter designated as the "Assignee")	
I hereby acknowledge that I have assigned the above-identified invention by previous assignment (attached hereto) to Assignee 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, the sufficiency of which is acknowledged, I hereby assign and transfer and/or have assigned and transferred to Assignee:		
right to claim priority to the Application, all inv European Patent Office and of all other coun inventions or discoveries and all rights in such thereof, and to all Letters Patent that may be protection certificates, reexaminations, renewal	ler the Application, including all priority rights for other countries arising therefrom and the ventions or discoveries therein disclosed, and any and all Letters Patent of the United States, tries, which may be granted for such inventions or discoveries, or any of them, all such Application including any and all provisionals, substitutions, divisions, and continuations granted for said inventions and discoveries, and in and to all extensions, supplementary is, and reissues thereof, to be held and enjoyed by Assignee for its own use and enjoyment uch Letters Patent may be granted, as fully and entirely as the same would have been held is not been made.	
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,		

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PATENT

REEL: 050157 FRAME: 0449

Attorney Docket No.: 10139/33102 (DSP5327USNP)

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.

LEGAL NAME OPTÖVENTOR

CORV & COLLINGE

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REEL: 050157 FRAME: 0450

Attorney Docket No.: 10139/33107 (DSP5327USNP) COMBINED DECLARATION AND ASSIGNMENT **Title of Invention**: PROXIMAL FEMUR PLATE SYSTEM This declaration and assignment is directed to: The attached or filed herewith application of (list of named investors) 50 The United States application or PUT intermetional application number 15/918655 filed on 12 Mar 2018 Declaration As the below named inventor, I hereby declare that: The above-kientified application ("Application") was made or authorized by me. I believe that I am the original inventor or an original inventor of a claimed invention or discovery in the Application. I have reviewed and understand the contents of the Application, including the claims, and I acknowledge the duty to disclose information which is material to patentability as defined in Tale 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, ar both for filings of this Application in the United States of America. Assignment DelPay Synthes Products, Inc. 325 Paramount Orive Raynham, Massachusetts 02767-6350 A corporation of the state of Delaware (hereinafter designated as the "Assignee") I hereby acknowledge that I have assigned the above-identified invention by previous assignment (attached bereto) to Assignee which is hereby confirmed for recordation in the US Fatent Office and I confirm I have and do assign and transfer: ... For good and valuable consideration, the sufficiency of which is acknowledged. I hereby assign and transfer and/or have assigned and transferred to 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 each 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, recommissions, renovals, and reissact thereof, to be held and onjuged by Assignee for its own use and enjoyment to the full and 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. I shall execute all papers necessary in connection with the Application in the United States Patent and Trademark Office, European Patent Office, may other patent offices, and under the Patent Cooperation Treaty, and any continuing, divisional, or releast applications thereof.

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REEL: 050157 FRAME: 0451

Attorney Decket No.: 10139/33102 (DSP5327USNP)

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 Pauest and Trademark Office, Furopean 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 thereform or any patent term extensions or supplementary protection contificates 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 net which may be necessary in connection with elaims 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 numinous, 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 numinous the fall and complete legal and equitable title to all such Letters Patent.

I hereby (I) authorize and exquest 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 recommination of any of such applications, to Assigner, and (II) coverant that I have full right to convey the interest herein assigned, and that I have not executed, any agreement in conflict herewith.

Usensity grant the atterney 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.

Attorney Docket No.: 10139/33102 (DSP5327USNP)

COMBINE	D DECLARATION AND ASSIGNMENT
Title of Invention: PROXIMAL FEMUR PI	LATE SYSTEM
This tree manner and assignment is directed to.	The attached or filed herewith application of (list of named inventors),
97	
	The United States application or PCT international application number 15/918655 filed on 12 Mar 2018
Declaration	
As the below named inventor, I hereby d	leclare that:
The above-identified application ("Appl	ication") 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 con information which is material to patentability as d Application in the United States of America.	ntents of the Application, including the claims, and I acknowledge the duty to disclose lefined in Title 37, the United States Code of Federal Regulations, §1.56 for filings of this
I hereby acknowledge that any willful finprisonment of not more than five (5) years, or l	alse statement made in this declaration is punishable under 18 U.S.C. § 1001 by fine or both for filings of this Application in the United States of America.
Assignment	
	DePuy Synthes Products, Inc. 325 Paramount Drive Raynham, Massachusetts 02767-0350
(A corporation of the state of <u>Delaware</u> hereinafter designated as the "Assignee")
I hereby acknowledge that I have assign which is hereby conformed for recordation in the	ted the above-identified invention by previous assignment (attached hereto) to Assignee US Patent Office and I confirm I have and do assign and transfer;
or	
For good and valuable consideration, the and transferred to Assignee:	sufficiency of which is acknowledged, I hereby assign and transfer and/or have assigned
right to claim priority to the Application, all inventions and of all other countries inventions or discoveries and all rights in such A thereof, and to all Letters Patent that may be grapotection certificates, reexaminations, renewals,	the Application, including all priority rights for other countries arising therefrom and the titions or discoveries therein disclosed, and any and all Letters Patent of the United States, is, which may be granted for such inventions or discoveries, or any of them, all such application including any and all provisionals, substitutions, divisions, and continuations anted for said inventions and discoveries, and in and to all extensions, supplementary and reissues thereof, to be held and enjoyed by Assignee for its own use and enjoyment h Letters Patent may be granted, as fully and entirely as the same would have been held not been made.
I shall execute all papers necessary in connection Office, any other patent offices, and under the Pat	with the Application in the United States Patent and Trademark Office, European Patent ent Cooperation Treaty, and any continuing, divisional, or reissue applications thereof,
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PATENT REEL: 050157 FRAME: 0453

Attorney Docket No.: 10139/33102 (DSP5327USNP)

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.

LEGAL NAME OF INVENTOR

Pru 18 - Bru 10 - 08 - 18

Date

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RECORDED: 08/23/2019

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