505650826 09/03/2019

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT5697632

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
MEGAN WALLACE	10/11/2017
CARL F. LIVORSI	10/11/2017
JEREMY ODEN	10/17/2017
GREGORY S. MEADOWS	10/10/2017
MICHAEL J. BROCK	10/16/2017
ANTHONY J. WEBB	10/17/2017
CRAIG S. TSUKAYAMA	10/12/2017
KAREN N. MOELLER	10/17/2017
FRANCISCO A. AMARAL	10/11/2017

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:	15710373

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 using a fax number, if provided; if that is unsuccessful, it will be sent via US Mail.

Phone: 3172317313

Email: crystal.johnson@btlaw.com **BARNES & THORNBURG LLP** Correspondent Name: Address Line 1: 11 S. MERIDIAN STREET

Address Line 4: INDIANAPOLIS, INDIANA 46204

ATTORNEY DOCKET NUMBER: 265280-267985 NAME OF SUBMITTER: SHAWN D. BAUER

PATENT REEL: 050243 FRAME: 0585 505650826

SIGNATURE:	/Shawn D. Bauer/
DATE SIGNED:	09/03/2019
	This document serves as an Oath/Declaration (37 CFR 1.63).

Total Attachments: 20

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> PATENT REEL: 050243 FRAME: 0586

COMBINED DECLARATION AND ASSIGNMENT

Title of Invention: METHOD AND INSTRUMENTS FOR ASSEMBLING A FEMORAL ORTHOPAEDIC PROSTHESIS

This declaration and assignment is directed to the United States application number 15/710,373 filed on September 20, 2017.

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As the below named inventor, I hereby declare that:

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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.

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Assignment

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DePuy Synthes Products, Inc. 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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FECAL MANCE OF TRIUDATEON

Attorney Docket No.: 265280-267985

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LEGAL MAME OF INVENTOR	
Megan Wallace	
Inventor	
Megan Wallace	October 11, 2017
Signature ()	Date

DMS 10935286v1

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1

PATENT REEL: 050243 FRAME: 0589

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LEGAL NAME OF INVENTOR

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Carl	ж	1.1	Varei
Cuit			10101

Inventor (

Signature

Date

T11, 2017

DMS 10935310v1

COMBINED DECLARATION AND ASSIGNMENT

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LEGAL NAME OF INVENTOR

Jeremy Oden Inventor	
THYCHO!	17.0cT-17
Signature	Date

DMS 10935334v1

COMBINED DECLARATION AND ASSIGNMENT

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LEGAL NAME OF INVENTOR

Gregory S. Meadows Inventor

OCT 10, 2017

DMS 10935344v1

COMBINED DECLARATION AND ASSIGNMENT

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LEGAL NAME OF INVENTOR

Francisço A. Amaral	
Inventor	
	10/11/20/7
part//many	
Signature /	Date

DMS 10935528v1

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LEGAL NAME OF INVENTOR

Attorney Docket No.: 265280-267985

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Michael J.	Brock		
Inventor			
	M1 12 1.	10/16/2017	
Signature	1/ hickory	Date	

DMS 10935606v1

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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.

LEGAL NAME OF INVENTOR

Attorney Docket No.: 265280-267985

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.

Anthony J. Webb	_
Inventor	
S) - D	17-October-2017
Signature	Date

DMS 10935618v1

Title of Inv PROSTHESA Tsukayama

Attorney Docket No.: 265280-267985

DECLARATION AND ASSIGNMENT

RUMENTS FOR ASSEMBLING A FEMORAL ORTHOPAEDIC

This declaration and assignment is directed to the United States application number 15/710,373 filed on September 20, 2017.

Declaration

As the below named inventor, I hereby declare that:

The above-identified 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 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

For good and valuable consideration, the sufficiency of which is acknowledged, I hereby assign and transfer and/or have assigned and transferred to:

DePuy Synthes Products, Inc. 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

Attorney Docket No.: 265280-267985

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Craig S. Tsukayama	
Inventor	
as sh	17 OCT 2017
Signature \ \	Date

DMS 10935691v1

COMBINED DECLARATION AND ASSIGNMENT

Title of Invention: METHOD AND INSTRUMENTS FOR ASSEMBLING A FEMORAL ORTHOPAEDIC PROSTHESIS

This declaration and assignment is directed to the United States application number 15/710,373 filed on September 20, 2017.

Declaration

As the below named inventor, I hereby declare that:

The above-identified 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 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.

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Assignment

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DePuy Synthes Products, Inc. 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

Attorney Docket No.: 265280-267985

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Karen N. Moeller	
Inventor	
- Var N Well	17 Oct 2017
Signature	Date

DMS 10935705v1

COMBINED DECLARATION AND ASSIGNMENT

Title of Invention: METHOD AND INSTRUMENTS FOR ASSEMBLING A FEMORAL ORTHOPAEDIC PROSTHESIS

This declaration and assignment is directed to the United States application number 15/710,373 filed on September 20, 2017.

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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A corporation of the state of Delaware

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PATENT REEL: 050243 FRAME: 0605

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LEGAL NAME OF INVENTOR

Richard C. Ditto	
Inventor	
(Keec D)	10 OCT 2017
Signature	Date

DMS 10935722v1