504767323 02/07/2018

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT4814051

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date		
FILIP LESZKO	01/20/2016		
AARON MATYAS	01/20/2016		
KYLE STEFFE	01/21/2016		
DAVID E. ROTTGER	01/21/2016		
DANIEL M. HIPPENSTEEL	01/20/2016		

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:	15890516				

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: 3172361313

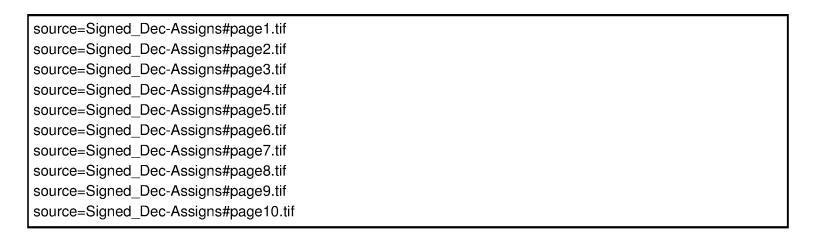
Email: sswitzer@btlaw.com

Correspondent Name: BARNES & THORNBURG LLP
Address Line 1: 11 SOUTH MERIDIAN STREET
Address Line 4: INDIANAPOLIS, INDIANA 46204

ATTORNEY DOCKET NUMBER:	265280-274266
NAME OF SUBMITTER:	JEFFREY T.G. KELSEY
SIGNATURE:	/Jeffrey T.G. Kelsey/
DATE SIGNED:	02/07/2018
	This document serves as an Oath/Declaration (37 CFR 1.63).

Total Attachments: 10

PATENT REEL: 044855 FRAME: 0404



PATENT REEL: 044855 FRAME: 0405

	I hereby acknowledge that I have assigned the a	above-identified	invention	by previous	assignment	(attached hereto)	which is
he	reby conformed for recordation in the US Patent Office.					,	

or

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.

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.

LEGAL NAME OF INVENTOR

Filip Leszko
Inventor

Inventor

Signature

Date

DMS 3447224v1

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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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.

Aaron Matyas Inventor

1-20-20/6
Signature Date

DMS 3447253v1

LEGAL NAME OF INVENTOR

PATENT REEL: 044855 FRAME: 0410

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.

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.

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Kyle Steffe Inventor Nyl Steffe Signature | 1-21-2016 | Date

DMS 3447439v1

LEGAL NAME OF INVENTOR

DEP6709USNP	
	Attorney Docket No.: <u>265280-23504</u>
COMBINE	D DECLARATION AND ASSIGNMENT
Title of Invention: RELEASABLE THRE	EADED CONNECTION FOR MODULAR IMPLANTS
This declaration and assignment is directed to:	The attached or filed herewith application of (list of named inventors) Filip Leszko Aaron Matyas Kyle Steffe David E. Rottger Daniel M. Hippensteel
or	
	The United States application or PCT international application number filed on
Declaration	
As the below named inventor, I hereby de-	clare that:
The above-identified application ("Application"	ation") 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.
	ents of the Application, including the claims, and I acknowledge the duty to disclose efined in Title 37, the United States Code of Federal Regulations, §1.56 for filings of
	se statement made in this declaration is punishable under 18 U.S.C. § 1001 by fine on the for filings of this Application in the United States of America.
Assignment	
I hereby acknowledge that I have assigned hereby conformed for recordation in the US Patent	ed the above-identified invention by previous assignment (attached hereto) which is Office.
or	
For good and valuable consideration, the assigned and transferred to:	e sufficiency of which is acknowledged, I hereby assign and transfer and/or have
	DePuy Synthes Products, Inc. 325 Paramount Drive Raynham, MA 02767-0350
A	corporation of the state of <u>Delaware</u>
(hi	

(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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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

David E. Rottger Inventor Aur E / E	1-21-16
Signature	Date

DMS 3447439v1

	I hereby	acknowledge	that I have	assigned the	above-identified	invention	by previous	assignment	(attached	hereto)	which	is
hereby c	onformed	d for recordation	on in the US	Patent Office	•							

or

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

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Daniel M. Hippensteel Inventor Signature LEGAL NAME OF INVENTOR Date Date

DMS 3447439v1