10/06/2016 504039567

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2

EPAS ID: PAT4086228

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
RYAN C. KEEFER	11/02/2015
LAUREN PENLEY	11/03/2015
JOHN CUNEO	04/28/2016
MICHAEL J. FORTIN	04/28/2016
THOMAS J. BLUMENFELD	05/13/2016

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:	14788052

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: 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:	265280-230648	
NAME OF SUBMITTER:	JEFFREY T.G. KELSEY	
SIGNATURE:	/Jeffrey T.G. Kelsey/	
DATE SIGNED:	10/06/2016	
	This document serves as an Oath/Declaration (37 CFR 1.63).	

Total Attachments: 10

PATENT REEL: 039958 FRAME: 0643

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source=Signed_Combined Declaration and Assignment John Cuneo#page1.tif
source=Signed_Combined Declaration and Assignment John Cuneo#page2.tif
source=Signed_Combined Declaration and Assignment Michael Fortin#page1.tif
source=Signed_Combined Declaration and Assignment Michael Fortin#page2.tif
source=Signed_Blumenfeld Patent Assignment#page1.tif
source=Signed_Blumenfeld Patent Assignment#page2.tif

COMPINED	DECLADATION AND ASSICNMENT		
	DECLARATION AND ASSIGNMENT		
Title of Invention: ORTHOPAEDIC SURCE PREPARING A PATIENT'S BONE	GICAL INSTRUMENT SYSTEM AND METHOD FOR SURGICALLY		
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 14/788,052 filed on June 30, 2015.		
Declaration			
As the below named inventor, I hereby decl	are that:		
The above-identified application ("Application	tion") was made or authorized by me.		
I believe that I am the original inventor or a	n 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 imprisonment of not more than five (5) years, or both	e statement made in this declaration is punishable under 18 U.S.C. § 1001 by fine or h for filings of this Application in the United States of America.		
Assignment			
I hereby acknowledge that I have assigne hereby conformed for recordation in the US Patent C	d the above-identified invention by previous assignment (attached hereto) which is Office.		
or			
For good and valuable consideration, the assigned and transferred to:	sufficiency of which is acknowledged, I hereby assign and transfer and/or have		
	DePuy Synthes Products, Inc. 325 Paramount Drive Raynham, MA 02767-0350		
Α	corporation of the state of <u>Delaware</u>		
for other countries arising therefrom and the right to any and all Letters Patent of the United States, inventions or discoveries, or any of them, all such provisionals, substitutions, divisions, and continual discoveries, and in and to all extensions, supplementant enjoyed by Assignee for its own use and enjoyed	e right, title, and interest in, to, and under the Application, including all priority rights o claim priority to the Application, all inventions or discoveries therein disclosed, and European Patent Office and of all other countries, which may be granted for such inventions or discoveries and all rights in such Application including any and all tions thereof, and to all Letters Patent that may be granted for said inventions and stary protection certificates, reexaminations, renewals, and reissues thereof, to be held ment to the full end of the term or terms for which such Letters Patent may be granted, and enjoyed by me had this assignment and sale not been made.		
Office, any other patent offices, and under the Paten any reexamination of any of such applications, and a	ith the Application in the United States Patent and Trademark Office, European Patent t Cooperation Treaty, and any continuing, divisional, or reissue applications thereof, any patent term extensions or supplementary protection certificates of any such ents in connection with such applications as the Assignee may deem necessary or		

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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.

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

Ryan C. Keefer	
nventor	
How ()	2 NOVEMBER ZOIS
Signature	Date

INDS02 1391155v1

	Attorney Docket No.: 265280-230648
COMBINE	D DECLARATION AND ASSIGNMENT
Title of Invention: ORTHOPAEDIC SUI PREPARING A PATIENT'S BONE	RGICAL INSTRUMENT SYSTEM AND METHOD FOR SURGICALLY
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 14/788,052 filed on June 30, 2015.
Declaration	
As the below named inventor, I hereby d	eclare that:
The above-identified application ("Appli	cation") 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 cor information which is material to patentability as this Application in the United States of America.	atents of the Application, including the claims, and I acknowledge the duty to disclose defined in Title 37, the United States Code of Federal Regulations, §1.56 for filings of
	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	
I hereby acknowledge that I have assignereby conformed for recordation in the US Paters	aned the above-identified invention by previous assignment (attached hereto) which is at Office.
or	
For good and valuable consideration, assigned and transferred to:	the 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>
for other countries arising therefrom and the righ any and all Letters Patent of the United States, inventions or discoveries, or any of them, all su provisionals, substitutions, divisions, and contin discoveries, and in and to all extensions, supplem	tire right, title, and interest in, to, and under the Application, including all priority rights to claim priority to the Application, all inventions or discoveries therein disclosed, and European Patent Office and of all other countries, which may be granted for such inventions or discoveries and all rights in such Application including any and all uations thereof, and to all Letters Patent that may be granted for said inventions and nentary protection certificates, reexaminations, renewals, and reissues thereof, to be held appeared to the full end of the term or terms for which such Letters Patent may be granted.

PATENT REEL: 039958 FRAME: 0647

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

as fully and entirely as the same would have been held and enjoyed by me had this assignment and sale not been made.

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 yest 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.

Lauren Penley	
Inventor MINUMAN PULL	03-NOV-15
Signature	Date

INDS02 1391271v1

LEGAL NAME OF INVENTOR

COME	BINED	DECLARATION AND ASSIGNMENT
Title of Invention: ORTHOPAEDIC PREPARING A PATIENT'S BONE	C SURC	GICAL INSTRUMENT SYSTEM AND METHOD FOR SURGICALLY
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 14/788,052 filed on June 30, 2015.
Declaration		
As the below named inventor, I her	eby decl	are that:
The above-identified application ("	Applicat	ion") was made or authorized by me.
I believe that I am the original inve	ntor or a	n original inventor of a claimed invention or discovery in the Application.
	ty as def	nts of the Application, including the claims, and I acknowledge the duty to disclose fined in Title 37, the United States Code of Federal Regulations, §1.56 for filings of
I hereby acknowledge that any wil imprisonment of not more than five (5) years	lful false s, or both	e statement made in this declaration is punishable under 18 U.S.C. § 1001 by fine or a for filings of this Application in the United States of America.
Assignment		
☐ I hereby acknowledge that I have hereby conformed for recordation in the US		d the above-identified invention by previous assignment (attached hereto) which is ffice.
or		
For good and valuable considerat assigned and transferred to:	ion, the	sufficiency of which is acknowledged, I hereby assign and transfer and/or have
		DePuy Synthes Products, Inc. 325 Paramount Drive Raynham, MA 02767-0350
	Αc	corporation of the state of <u>Delaware</u>
for other countries arising therefrom and the any and all Letters Patent of the United S inventions or discoveries, or any of them, provisionals, substitutions, divisions, and or discoveries, and in and to all extensions, sup and enjoyed by Assignee for its own use and	right to tates, E all such ontinuatioplements l enjoyme	right, title, and interest in, to, and under the Application, including all priority rights claim priority to the Application, all inventions or discoveries therein disclosed, and turopean Patent Office and of all other countries, which may be granted for such inventions or discoveries and all rights in such Application including any and all ons thereof, and to all Letters Patent that may be granted for said inventions and ary protection certificates, reexaminations, renewals, and reissues thereof, to be held ent to the full end of the term or terms for which such Letters Patent may be granted, d and enjoyed by me had this assignment and sale not been made.
Office, any other patent offices, and under th any reexamination of any of such application	e Patent is, and an	h the Application in the United States Patent and Trademark Office, European Patent Cooperation Treaty, and any continuing, divisional, or reissue applications thereof, my patent term extensions or supplementary protection certificates of any such into in connection with such applications as the Assignee may deem necessary or
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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.

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

Inve	entor	
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١.	/X	ı

John Cuneo

Sionature

4/28/2016

INDS02 1391272v1

	CO	MBINED	DECLARATION AND ASSIGNMENT
	of Invention: ORTHOPAE ARING A PATIENT'S BON		GICAL INSTRUMENT SYSTEM AND METHOD FOR SURGICALLY
This dec	claration and assignment is direc	eted to:	The attached or filed herewith application of (list of named inventors),
		or	
		\boxtimes	The United States application or PCT international application number 14/788,052 filed on June 30, 2015.
Declar	ation		
	As the below named inventor,	I hereby decl	are that:
	The above-identified application	on ("Applicat	cion") was made or authorized by me.
	I believe that I am the original	inventor or a	n original inventor of a claimed invention or discovery in the Application.
		ability as de	nts of the Application, including the claims, and I acknowledge the duty to disclose fined in Title 37, the United States Code of Federal Regulations, §1.56 for filings of
imprisor			e statement made in this declaration is punishable under 18 U.S.C. § 1001 by fine or in for filings of this Application in the United States of America.
Assign	ment		
□ hereby c	I hereby acknowledge that I learnformed for recordation in the		d the above-identified invention by previous assignment (attached hereto) which is office.
or			•
⊠ assigned	For good and valuable consideral and transferred to:	leration, the	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>
for other any and invention provision discover and enjo	r countries arising therefrom an all Letters Patent of the Unit ns or discoveries, or any of th nals, substitutions, divisions, a ies, and in and to all extensions yed by Assignee for its own use	d the right to ed States, I em, all such nd continuat s, supplement e and enjoym	e right, title, and interest in, to, and under the Application, including all priority rights claim priority to the Application, all inventions or discoveries therein disclosed, and European Patent Office and of all other countries, which may be granted for such inventions or discoveries and all rights in such Application including any and all ions thereof, and to all Letters Patent that may be granted for said inventions and tary protection certificates, reexaminations, renewals, and reissues thereof, to be held tent to the full end of the term or terms for which such Letters Patent may be granted, ld and enjoyed by me had this assignment and sale not been made.
Office, a any reex	any other patent offices, and und amination of any of such applic ons and also to execute separ	ler the Patent ations, and a	th the Application in the United States Patent and Trademark Office, European Patent Cooperation Treaty, and any continuing, divisional, or reissue applications thereof, ny patent term extensions or supplementary protection certificates of any such ents in connection with such applications as the Assignee may deem necessary or
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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.

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

Michael J. Fortin Inventor

Signature

4/28/2016

INDS02 1391274v1

expedient.

Attorney Docket No.: 265280-230648 COMBINED DECLARATION AND ASSIGNMENT Title of Invention: ORTHOPAEDIC SURGICAL INSTRUMENT SYSTEM AND METHOD FOR SURGICALLY PREPARING A PATIENT'S BONE 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 \boxtimes number 14/788.052 filed on June 30, 2015. 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 I hereby acknowledge that I have assigned the above-identified invention by previous assignment (attached hereto) which is hereby 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

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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.

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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

Thomas J. Blumenfeld
Inventor
Signature

3/12/16

INDS02 1391275v1