## 504199988 01/27/2017

# PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT4246664

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

#### **CONVEYING PARTY DATA**

Name	Execution Date
ALAN ASHBY	03/03/2016
DUDI REZNICK	05/19/2016
YAACOV NITZAN	04/25/2016

### **RECEIVING PARTY DATA**

Name:	DEPUY INTERNATIONAL LIMITED
Street Address:	ST. ANTHONY'S ROAD, BEESTON
City:	LEEDS, WEST YORKSHIRE
State/Country:	UNITED KINGDOM
Postal Code:	L5118DT

### **PROPERTY NUMBERS Total: 1**

Property Type	Number
Application Number:	14753351

### **CORRESPONDENCE DATA**

Fax Number:

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: 617-542-6000
Email: csperry@mintz.com
Correspondent Name: CHRISTINA SPERRY

Address Line 1: ONE FINANCIAL CENTER

Address Line 4: BOSTON, MASSACHUSETTS 02111

NAME OF SUBMITTER:	CHRISTINA SPERRY
SIGNATURE:	/Christina Sperry/
DATE SIGNED:	01/27/2017

### **Total Attachments: 6**

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> PATENT REEL: 041103 FRAME: 0867

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Attorney Docket No.: 47061-501C01US (DEP5302USCNT1) U.S. Application No.: 14/753,351

COMI	BINED	DECLARATION AND ASSIGNMENT
Title of Invention: ORTHOPAEDIC	MONITC	DRING SYSTEM, METHODS AND APPARATUS
This declaration and assignment is directed	to:	The attached or filed herewith application of (list of named inventors),
	or	
	$\boxtimes$	The United States application or PCT international application number <u>14/753,351</u> filed on <u>June 29, 2015</u> .
Declaration		
As the below named inventor, I he	reby dec	lare that:
The above-identified application (	"Applica	tion") was made or authorized by me.
I believe that I am the original inve	entor or a	an original inventor of a claimed invention or discovery in the Application.
I have reviewed and understood to information which is material to patentabile this Application in the United States of An	lity 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
I hereby acknowledge that any wi imprisonment of not more than five (5) yea	illful fals rs, or bot	e statement made in this declaration is punishable under 18 U.S.C. § 1001 by fine or the for filings of this Application in the United States of America.
Assignment		
	Leeds, W	DePuy International Limited St. Anthony's Road, Beeston Vest Yorkshire, United Kingdom L5118DT
		d Liability Company of the United Kingdom einafter designated as the "Assignee"),
I hereby acknowledge that I have which is hereby conformed for recordation	assigned in the US	I the above-identified invention by previous assignment (attached hereto) to Assignee S Patent Office and I confirm I have and do assign and transfer:
or		
For good and valuable considera assigned and transferred to Assignee:	ation, the	e sufficiency of which is acknowledged, I hereby assign and transfer and/or have
the right to claim priority to the Application States, European Patent Office and of all such inventions or discoveries and all riscontinuations thereof, and to all Letters Paupplementary protection certificates, reexpendence.	on, all invother coolights in Patent that amination for terms f	the Application, including all priority rights for other countries arising therefrom and ventions or discoveries therein disclosed, and any and all Letters Patent of the United untries, which may be granted for such inventions or discoveries, or any of them, all such Application including any and all provisionals, substitutions, divisions, and at may be granted for said inventions and discoveries, and in and to all extensions, ans, renewals, and reissues thereof, to be held and enjoyed by Assignee for its own use for which such Letters Patent may be granted, as fully and entirely as the same would ment and sale not been made.
		1

Attorney Docket No.: 47061-501C01US (DEP5302USCNT1)

U.S. Application No.: 14/753,351

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.

ALAN ASHBY			
Legal Name of Inventor			
AL Arway	Alan Ashby 2016.03.03 12:49:53 Z		
Signature		Date	-

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Attorney Docket No.: 47061-501C01US (DEP5302USCNT1)
U.S. Application No.: 14/753,351

COMI	BINED	DECLARATION AND ASSIGNMENT
Title of Invention: ORTHOPAEDIC	MONITO	RING SYSTEM, METHODS AND APPARATUS
This declaration and assignment is directed	to:	The attached or filed herewith application of (list of named inventors),
	or	
	$\boxtimes$	The United States application or PCT international application number <u>14/753,351</u> filed on <u>June 29, 2015</u> .
Declaration		
As the below named inventor, I he	reby dec	lare that:
The above-identified application (	"Applica	tion") was made or authorized by me.
I believe that I am the original inve	entor or a	n original inventor of a claimed invention or discovery in the Application.
I have reviewed and understood to information which is material to patentabile this Application in the United States of An	lity 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
I hereby acknowledge that any wimprisonment of not more than five (5) yea	llful falsers, or bot	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		
	Leeds, W	DePuy International Limited St. Anthony's Road, Beeston Test Yorkshire, United Kingdom L5118DT
F		Liability Company of the United Kingdom einafter designated as the "Assignee"),
I hereby acknowledge that I have which is hereby conformed for recordation	assigned in the US	the above-identified invention by previous assignment (attached hereto) to Assignee Patent Office and I confirm I have and do assign and transfer:
or		
For good and valuable consideral sassigned and transferred to Assignee:	ntion, the	sufficiency of which is acknowledged, I hereby assign and transfer and/or have
the right to claim priority to the Application States, European Patent Office and of all such inventions or discoveries and all riseontinuations thereof, and to all Letters Parapplementary protection certificates, reexample.	on, all invother coughts in a ghts in a atent tha amination or terms f	the Application, including all priority rights for other countries arising therefrom and ventions or discoveries therein disclosed, and any and all Letters Patent of the United antries, which may be granted for such inventions or discoveries, or any of them, all such Application including any and all provisionals, substitutions, divisions, and it may be granted for said inventions and discoveries, and in and to all extensions, as, renewals, and reissues thereof, to be held and enjoyed by Assignee for its own use or which such Letters Patent may be granted, as fully and entirely as the same would ent and sale not been made.
		1

Attorney Docket No.: 47061-501C01US (DEP5302USCNT1)

U.S. Application No.: 14/753,351

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.

DUDI REZNICK		
Legal Name of Inventor		
	19-May-2016 Date	
Signature	Date	

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Attorney Docket No.:	47061-501C01US	(DEP5302USCNT1)
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J.S. Application No.: 14/753,351

	U.S. Application No.: 147735,531
COMBINEI	D DECLARATION AND ASSIGNMENT
Title of Invention: ORTHOPAEDIC MONIT	ORING SYSTEM, METHODS AND APPARATUS
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 14/753,351 filed on June 29, 2015.
Declaration	
As the below named inventor, I hereby de	clare that:
The above-identified application ("Applic	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.
I have reviewed and understood the cont information which is material to patentability as d this Application in the United States of America.	tents 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
I hereby acknowledge that any willful fal imprisonment of not more than five (5) years, or bo	Ise 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	
Leeds, \	DePuy International Limited St. Anthony's Road, Beeston West Yorkshire, United Kingdom L5118DT
	ed Liability Company of the United Kingdom preinafter designated as the "Assignee"),
I hereby acknowledge that I have assigne which is hereby conformed for recordation in the U	ed 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 assigned and transferred to Assignee:	ne sufficiency of which is acknowledged, I hereby assign and transfer and/or have
the right to claim priority to the Application, all in States, European Patent Office and of all other countries such inventions or discoveries and all rights in continuations thereof, and to all Letters Patent the supplementary protection certificates, reexamination	r the Application, including all priority rights for other countries arising therefrom and niventions or discoveries therein disclosed, and any and all Letters Patent of the United ountries, which may be granted for such inventions or discoveries, or any of them, all a such Application including any and all provisionals, substitutions, divisions, and nat may be granted for said inventions and discoveries, and in and to all extensions, ons, renewals, and reissues thereof, to be held and enjoyed by Assignee for its own use for which such Letters Patent may be granted, as fully and entirely as the same would ment and sale not been made.
	1

Attorney Docket No.: 47061-501C01US (DEP5302USCNT1)

U.S. Application No.: 14/753,351

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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.

YAACOV NITZAN

Legal Name of Inventor

Signature

Date

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RECORDED: 01/27/2017