## 505952019 03/05/2020

# PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT5998724

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

#### **CONVEYING PARTY DATA**

Name	Execution Date
KURT SCHMURA	02/07/2020
RAYMOND F. MURPHY	02/02/2020
FRANK SPRATT	02/11/2020

## **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:	16360199

## **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:	MED6009USNP2
NAME OF SUBMITTER:	ANNE STASIK
SIGNATURE:	/Anne Stasik/
DATE SIGNED:	03/05/2020
	This document serves as an Oath/Declaration (37 CFR 1.63).

#### **Total Attachments: 6**

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PATENT 505952019 REEL: 052027 FRAME: 0592

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PATENT REEL: 052027 FRAME: 0593

	Attorney Docket No.: 101896-2121 (MED6009USNP2)
COMBINE	DECLARATION AND ASSIGNMENT
Title of Invention: ROD REDUCERS AND R	ELATED METHODS
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 16/360,199 filed on March 21, 2019.
Declaration	
As the below named inventor, I hereby dec	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 or the for filings of this Application in the United States of America.
	DePuy Synthes Products, Inc. ramount Drive, Raynham MA 02767-0350
	A corporation of the state Delaware reinafter designated as the "Assignee"),
	d the above-identified invention by previous assignment (attached hereto) to Assignee S Patent Office and I confirm I have and do assign and transfer:
ór	
For good and valuable consideration, the assigned and transferred to Assignee, such assignments.	e sufficiency of which is acknowledged, I hereby assign and transfer and/or have ent being made effective as of March 21, 2019.
the right to claim priority to the Application, all in States. European Patent Office and of all other co such inventions or discoveries and all rights in continuations thereof, and to all Letters Patent th supplementary protection certificates, reexamination	the Application, including all priority rights for other countries arising therefrom and eventions or discoveries therein disclosed, and any and all Letters Patent of the United buntries, 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 nent and sale not been made.
Office, any other patent offices, and under the Pate any reexamination of any of such applications, a	with the Application in the United States Patent and Trademark Office, European Patent ent Cooperation Treaty, and any continuing, divisional, or reissue applications thereof, and any patent term extensions or supplementary protection certificates of any such ments in connection with such applications as the Assignee may deem necessary or
	1

PATENT REEL: 052027 FRAME: 0594

Attorney Docket No.: 101896-2121 (MED6009USNP2)

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.

	NTOR	07FEB20
Signature	Kurt SCHMURA	Date

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#### COMBINED DECLARATION AND ASSIGNMENT

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Title of Invention: ROD REDUCERS AND I	RELATED METHODS
This declaration and assignment is directed to:	
	The attached or filed herewith application of (list of named inventors),
•	
	The United States application or PCT international application number 16/360,199 filed on March 21, 2019.
Declaration	
As the below named inventor, I hereby de	clare that:
The above-identified application ("Applie	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 efficed 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 or oth for filings of this Application in the United States of America.
<b>Assignment</b> 325 Pa	DePuy Synthes Products, Inc. uamount Drive, Raynham MA 02767-0350
Ote Characteristics	A corporation of the state Delaware reinafter designated as the "Assignee").
	d the above-identified invention by previous assignment (attached hereio) to Assignee is Patent Office and I confirm I have and do assign and transfer:
335.	
For good and valuable consideration, the assigned and transferred to Assignee, such assignm	ic sufficiency of which is acknowledged, I hereby assign and transfer and/or have ent being made effective as of March 21, 2019.
he right to claim priority to the Application, all in States. European Patent Office and of all other or such inventions or discoveries and all rights in continuations thereof, and to all Letters Patent th supplementary protection certificates, reexamination	the Application, including all priority rights for other countries arising therefrom and iventions or discoveries therein disclosed, and any and all Letters Patent of the United parties, 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 nent and sale not been made.
Office, any other patent offices, and under the Pate my reexamination of any of such applications, a	with the Application in the United States Patent and Trademark Office, European Patent ent Cooperation Treaty, and any continuing, divisional, or reissue applications thereof, and any patent term extensions or supplementary protection certificates of any such nents in connection with such applications as the Assignee may deem necessary or

PATENT REEL: 052027 FRAME: 0596

Attorney Docket No.: 101896-2121 (MED6009USNP2)

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

ignature Raymond F. MURPHY

<u>2/2/2020</u> Date

Attorney Docket No.: <u>101896-2121 (MED6009USNP2)</u>

COMBINED	DECLARATION AND ASSIGNMENT									
Title of Invention: ROD REDUCERS AND RE	ELATED METHODS									
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 <u>16/360,199</u> filed on <u>March 21, 2019</u> .									
Declaration										
As the below named inventor, I hereby decl	are that:									
The above-identified application ("Applicat	ion") 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									
	I hereby acknowledge that any willful false statement made in this declaration is punishable under 18 U.S.C. § 1001 by fine of mprisonment of not more than five (5) years, or both for filings of this Application in the United States of America.									
Assignment 325 Para	DePuy Synthes Products, Inc. amount Drive, Raynham MA 02767-0350									
	a corporation of the state Delaware sinafter designated as the "Assignee"),									
	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 consideration, the assigned and transferred to Assignee, such assignment	sufficiency of which is acknowledged, I hereby assign and transfer and/or have nt being made effective as of March 21, 2019.									
the right to claim priority to the Application, all inv States, European Patent Office and of all other cou- such inventions or discoveries and all rights in s continuations thereof, and to all Letters Patent that supplementary protection certificates, reexamination	the Application, including all priority rights for other countries arising therefrom and tentions 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.									

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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PATENT

REEL: 052027 FRAME: 0598

Attorney Docket No.: 101896-2121 (MED6009USNP2)

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	-4-11.	02/11/2020.
Signature	Frank SPRATT	Date

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