## 505956189 03/09/2020

## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT6002894

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

#### **CONVEYING PARTY DATA**

Name	Execution Date
JOSHUA D. TALBERT	06/20/2019
DONALD M. WICHERN	06/20/2019

#### **RECEIVING PARTY DATA**

Name:	DEPUY SYNTHES PRODUCTS, INC.
Street Address:	325 PARAMOUNT DRIVE
City:	RAYNHAM
State/Country:	MASSACHUSETTS
Postal Code:	02767

## **PROPERTY NUMBERS Total: 6**

Property Type	Number
Application Number:	16811999
Application Number:	16812009
Application Number:	16812013
Application Number:	16812015
Application Number:	16812022
Application Number:	16812028

### **CORRESPONDENCE DATA**

**Fax Number:** (801)852-8203

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:** 8018547675

**Email:** docket@techlawventures.com

Correspondent Name: TERRENCE TECHLAW VENTURES, PLLC EDWARDS

**Address Line 1:** 3290 W. MAYFLOWER AVE.

Address Line 4: LEHI, UTAH 84043

ATTORNEY DOCKET NUMBER:	END-0020.NP1-NP6
NAME OF SUBMITTER:	TERRENCE J. EDWARDS
SIGNATURE:	/Terrence J. Edwards/
DATE SIGNED:	03/09/2020

PATENT 505956189 REEL: 052048 FRAME: 0844

This document serves as an Oath/Declaration (37 CFR 1.63).

## **Total Attachments: 4**

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PATENT REEL: 052048 FRAME: 0845

Attorney Docket No.: END-0020,PO

#### COMBINED DECLARATION AND ASSIGNMENT

COMBINED DECLARATION AND ASSIGNMENT	
Title of Invention: <u>VIDEOSTROBOSCOPY OF VOC</u> ELUGRESENCE IMAGING	AL CHORDS WITH CMOS SENSORS USING HYPERSPECTRAL AND
This declaration and assignment is directed to:  The at  Wichern,	tached or filed herewith application of Joshua D. Talbert and Donald M.
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	nited States application or PCT international application r 62/864,251 filed on June 20, 2019.
Declaration	
As the below named inventor, I hereby declare that:	
The above-identified application ("Application") wa	is made or authorized by me.
I believe that I am the original inventor or an original	al inventor of a claimed invention or discovery in the Application.
I have reviewed and understood the contents of the information which is material to patentability as defined in this Application in the United States of America.	e Application, including the claims, and I acknowledge the duty to disclose Title 37, the United States Code of Federal Regulations, §1.56 for filings of
I hereby acknowledge that any willful false stateme imprisonment of not more than five (5) years, or both for filing	ent made in this declaration is punishable under 18 U.S.C. § 1001 by fine or ags of this Application in the United States of America.
Assignment	
I hereby acknowledge that I have assigned the above the conformed for recordation in the US Patent Office.	ove-identified invention by previous assignment (attached hereto) which is
or	
For good and valuable consideration, the sufficient assigned and transferred to:	ncy of which is acknowledged, I hereby assign and transfer and/or have
DEPUY SÝ	NTHES PRODUCTS, INC. 5 Paramount Drive ynham, MA 02767
A corporati	on of the state of Oelaware
for other countries arising therefrom and the right to claim pr any and all Letters Patent of the United States, European inventions or discoveries, or any of them, all such invention provisionals, substitutions, divisions, and continuations ther discoveries, and in and to all extensions, supplementary prote	tle, and interest in, to, and under the Application, including all priority rights fority to the Application, all inventions or discoveries therein disclosed, and Patent Office and of all other countries, which may be granted for such as or discoveries and all rights in such Application including any and all eof, and to all Letters Patent that may be granted for said inventions and action certificates, reexaminations, renewals, and reissues thereof, to be held a full end of the term or terms for which such Letters Patent may be granted, joyed 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

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PATENT

REEL: 052048 FRAME: 0846

Attorney Docket No.: END-0020.PO

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		
Joshua D. Talbert	June 20, 2019 Date	

Attorney Docket No.: END-0020,PO

# COMBINED DECLARATION AND ASSIGNMENT

Title of Invention: VIDEOSTROP FLUORESENCE IMAGING	BOSCOPY OF VOCAL CHORDS WITH CMOS SENSORS USING HYPERSPECTRAL AND
This declaration and assignment is direc	ted to:
	The attached or filed herewith application of Joshua D. Talbert and Donald M Wichern,
	or
	The United States application or PCT international application number 62/864,251 filed on June 20, 2019.
Declaration	
As the below named inventor, I	hereby declare that:
The above-identified application	n ("Application") was made or authorized by me.
I believe that I am the original i	nventor or an original inventor of a claimed invention or discovery in the Application.
I have reviewed and understoo information which is material to patenta this Application in the United States of A	d the contents of the Application, including the claims, and I acknowledge the duty to disclose billity as defined in Title 37, the United States Code of Federal Regulations, §1.56 for filings of America.
I hereby acknowledge that any imprisonment of not more than five (5) y	willful false statement made in this declaration is punishable under 18 U.S.C. § 1001 by fine or ears, or both for filings of this Application in the United States of America.
Assignment	
I hereby acknowledge that I have nereby conformed for recordation in the I	ave assigned the above-identified invention by previous assignment (attached hereto) which is US Patent Office.
or	
For good and valuable considents igned and transferred to:	eration, the sufficiency of which is acknowledged. I hereby assign and transfer and/or have
	DEPUY SYNTHES PRODUCTS, INC.
	325 Paramount Drive Raynham, MA 02767
	A corporation of the state of Delaware
or other countries arising therefrom and my and all Letters Patent of the United nventions or discoveries, or any of ther provisionals, substitutions, divisions, and discoveries, and in and to all extensions, and enjoyed by Assignee for its own use a	), my entire right, title, and interest in, to, and under the Application, including all priority rights the right to claim priority to the Application, all inventions or discoveries therein disclosed, and I States, European Patent Office and of all other countries, which may be granted for such m, all such inventions or discoveries and all rights in such Application including any and all I continuations thereof, and to all Letters Patent that may be granted for said inventions and supplementary protection certificates, reexaminations, renewals, and reissues thereof, to be held and enjoyment to the full end of the term or terms for which such Letters Patent may be granted, we been held and enjoyed by me had this assignment and sale not been made.
office, any other patent offices, and unde	nection with the Application in the United States Patent and Trademark Office, European Patent or the Patent Cooperation Treaty, and any continuing, divisional, or reissue applications thereof, cations, and any patent term extensions or supplementary protection certificates of any such

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PATENT

REEL: 052048 FRAME: 0848

Attorney Docket No.: END-0020,PO

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

Jan 12/26

June 20, 2019

Date

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PATENT REEL: 052048 FRAME: 0849