503167520 02/05/2015

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
LUKE J. ARAM	12/17/2013
MICHAEL D. GOATBE	12/17/2013
CARRIE A. LEMAN	02/19/2014

RECEIVING PARTY DATA

Name:	DEPUY SYNTHES PRODUCTS, LLC
Street Address:	325 PARAMOUNT DRIVE
City:	RAYNHAM
State/Country:	MASSACHUSETTS
Postal Code:	02767-0350

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	13797131

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.

Email: agraber@btlaw.com

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

ATTORNEY DOCKET NUMBER:	265280-219887
NAME OF SUBMITTER:	JEFFREY TG KELSEY
SIGNATURE:	/JEFFREY TG KELSEY/
DATE SIGNED:	02/05/2015

Total Attachments: 10

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Attorney Docket No.:	265280-219887	
Client Reference No.:	DEP6568USNP	

ASSIGNMENT

For good and valuable consideration, the sufficiency of which is acknowledged, the undersigned,

Luke J. Aram Michael D. Goatbe Carrie A. Leman Ian Scott Graham R. Vincent

maker(s) of an invention which is the subject of an application for Letters Patent of the United States ("Application") identified as U.S. Patent Application Serial No. 13/797,131, filed March 12, 2013, entitled

APPARATUS AND METHOD FOR CALIBRATING AN X-RAY IMAGE OF A KNEE OF A PATIENT

the undersigned hereby sell(s), assign(s), and set(s) over to

DePuy Synthes Products, LLC 325 Paramount Drive Raynham, MA 02767-0350

A corporation of the state of **DELAWARE**

(hereinafter designated as the Assignee) their entire right, title, and interest in, to, and under the Application, including all priority rights for other countries arising therefrom, all inventions therein disclosed, and any and all Letters Patent of the United States and of all other countries, including Canada, which may be granted for such inventions, or any of them, all such inventions and all rights in such Application and Letters Patent 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 them had this assignment and sale not been made.

The undersigned agree(s) to execute all papers necessary in connection with the application(s) in the United States and foreign countries and any continuing, divisional, or reissue applications thereof, and any reexamination of any of such applications, and also to execute separate assignments in connection with such applications as the Assignee may deem necessary or expedient.

The undersigned agree(s) to execute all papers necessary in connection with any interference which may be declared or litigation concerning the application(s) or continuation, division, reissue, or reexamination thereof, and to cooperate with the Assignee in every way possible in obtaining evidence and going forward with such interference or litigation.

The undersigned agree(s) to 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.

	Attorney Docket No.: _	
	Client Reference No.:	DECOJUSUSINI
ASSIGNMENT TO BUSINESS CONCERN		
The undersigned agree(s) to do all other acts which, in the organt of Letters Patent to Assignee or its nominees, in the United State uch inventions, or any of them, patented, with specifications and claim of confirm in Assignee or its nominees the full and complete legal and	es and in all other countri ims in such form as shall	es where Assignee may desire to have be approved by Assignee and to vest
The undersigned hereby authorize(s) and request(s) the Com- Jnited States resulting from said application(s) or any division or deexamination of any of such applications, to the said Assignee, as undersigned has full right to convey the interest herein assigned, and the agreement in conflict herewith.	ivisions or continuing or Assignee of the entire ir	reissue applications thereof, and any atterest, and hereby covenants that the
The undersigned hereby grant(s) the attorney of record the ponay be necessary or desirable in order to comply with the rules of thhis document.	wer to insert on this assig e United States Patent an	nment any further identification which d Trademark Office for recordation of
IN WITNESS WHEREOF, I have executed this assignment a this (day) day of Declaration (month)	t <u>() (city, state)</u> -, <u>2013</u> (year)	Indiana.
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	Inven	tor (Signature)
	Luke	J. Aram
	Inven	tor (Printed Name)
ACKNOWLEI	OGMENT	
STATE OF INDIANA SS:		
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Page 2 of 6

Attorney Docket No.: 265280-219887	
Client Reference No.: DEP6568USNP	
this day of Delember (city, state) (day) (month) (year)	
Inventor (Signature) Michael D. Goatbe Inventor (Printed Name)	
STATE OF MCLANCE STATE OF MCLANCE SS: COUNTY OF KOSCULKO Acknowledged before me, a Notary Public, within and for said County and State. Witness my hand and Notarial Scal thisday of	
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Nancy Williams Notary Public State of Indiana Kosciushib Colling My Commission Exp. June 21, 2016	
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IN WITNESS WHEI	REOF, I have executed th	nis assignment at	(city, state)	
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			Invent	or (Signature)
			Comio	A. Leman
				or (Printed Name)
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Acknowled	ged before me, a Notary I y of	Public, within and for s	said County and State. With	less my hand and Notarial Seal
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IN WITNESS W	HEREOF, I have execut day of (day)	ed this assignment at (month)	(city, state) 	
required when	: Witness		Inventor (Signa Graham R. Vin	sture)
Public is not feasible.	Witness		Inventor (Print	ed Name)
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STATE OF COUNTY OF	}	SS:		
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ASSIGNMENT TO BUSINESS CONCERN

Attorney Docket No.:	265280-219887	
Client Reference No.:	DEP6568USNP	

ASSIGNMENT

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A corporation of the state of DELAWARE

(hereinafter designated as the Assignee) their entire right, title, and interest in, to, and under the Application, including all priority rights for other countries arising therefrom, all inventions therein disclosed, and any and all Letters Patent of the United States and of all other countries, including Canada, which may be granted for such inventions, or any of them, all such inventions and all rights in such Application and Letters Patent 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 them had this assignment and sale not been made.

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The undersigned agree(s) to 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.

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ASSIGNMENT TO BUSINESS CONCER	N.			
The undersigned agree(s) to do a grant of Letters Patent to Assignee or its n such inventions, or any of them, patented, and confirm in Assignee or its nominees the	ominees, in the United States and with specifications and claims in	d in all other countrien In such form as shall	es where Assignee may des be approved by Assignee a	ire to have
The undersigned hereby authoriz United States resulting from said application reexamination of any of such application undersigned has full right to convey the in agreement in conflict herewith.	tion(s) or any division or divisions, to the said Assigner, as Assig	ons or continuing or gnee of the entire in	reissue applications thereo terest, and hereby covenan	f, and any ts that the
The undersigned hereby grant(s) to may be necessary or desirable in order to this document.	he attorney of record the power to comply with the rules of the Uni	o insert on this assign ted States Patent and	ument any further identifica I Trademark Office for reco	tion which ordation of
IN WITNESS WHEREOF, I have				
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My Commission Expires:		Resident of		_ County

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IN WITNESS WHEREOF,	I have executed this assi	gnment at	(city, state)	
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			Michael D. Goatbe Inventor (Printed N	
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