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PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2

SUBMISSION TYPE: NEW ASSIGNMENT NATURE OF CONVEYANCE: ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
SCOTT A. LUBENSKY	08/14/2014
SARAH ANTHONY	08/19/2014
JEREMIAH M. LEWIS	08/28/2014

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:	13803496

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

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

ATTORNEY DOCKET NUMBER: 265280-224498 JEFFREY T.G. KELSEY NAME OF SUBMITTER: SIGNATURE: /Jeffrey T.G. Kelsey/ **DATE SIGNED:** 12/21/2016

Total Attachments: 8

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Attorney Docket No.: <u>265280-224498</u>
Client Reference No.: <u>DEP6440USNP3</u>

ASSIGNMENT

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

Scott A. Lubensky Sarah Anthony Jeremiah M. Lewis

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. 13/803,496, filed March 14, 2013, entitled

DRILL GUIDE FOR USE IN A SURGICAL PROCEDURE TO IMPLANT A STEMLESS HUMERAL COMPONENT

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.: _	265280-224498 DEP6440USNP3
ASSIGNMENT TO BUSINESS CONC	CERN	•	
ment of Letters Patent to Assignee or i	ts nominees, in the United Sta ted, with specifications and cl	tes and in all other countrairms in such form as shall	be necessary or desirable to secure the ies where Assignee may desire to have I be approved by Assignee and to vest the Letters Patent.
United States resulting from said app	lication(s) or any division or tions, to the said Assignee, as	divisions or continuing of Assignee of the entire	issue any and all Letters Patent of the r reissue applications thereof, and any interest, and hereby covenants that the not executed, and will not execute, any
The undersigned hereby grant may be necessary or desirable in order this document.	(s) the attorney of record the protection to comply with the rules of the comply with the rules of the complex with the rules	ower to insert on this assi he United States Patent a	gnment any further identification which nd Trademark Office for recordation of
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IN WITNESS WHEREOF, I this day of	have executed this assignment (month)	at (city, state) ,	ndiana_
	V	,	
		Inve	ntor (Signature)
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	ACKNOWLE	DGMENT	
STATE OF Indiana			
COUNTY OF KODAUSKU	SS:		
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			Exp. June 21, 2016

Page 2 of 4

My Commission Expires:_

Resident of _____

	Attorney Docket No.:	265280-224498	
	Client Reference No.:	DEP6440USNP3	
this day of (day) (month)	(city, state) (vear)	ima	
	Same (Invento	MULONY r (Signature)	-
	Sarah A	nthony	-
	invento	r (Printed Name)	
ACKNOW	LEDGMENT	•	
STATE OF INDIUMA SS:			
this day of, a Notary Public, within and for	r said County and State. Witne	ss my hand and Notarial Sea	al .
	Mancy Li	luams Public	-
	Nancy Will <u>Notary Public Stat</u> KosciRskoeC My Commission Exp	e of Indiana Manty	-
My Commission Expires:	Resident of	•	County

	Cli	ent Reference No.: <u>DEP6440USNP3</u>	
N WITNESS WHEREOF, I have execute this day of (day)	d this assignment at <u>War</u> Jugust (month)	Sau Indiana (city, state) 2014 (year)	
		Inventor (Signature) Jeremiah M. Lewis Inventor (Printed Name)	
STATE OF INDIANA ;	ACKNOWLEDGM SS:	ENT	
his day of day of	ry Public, within and for said Go	unty and State. Witness my hand and Notari	al Seal
	1	ONCY Williams Notary Public	
		Nancy Williams Notary Public State of Indiana Kosci Wiline G Willie Ty Commission Exp. June 21, 2016	<u> </u>
My Commission Expires:	· .	Resident of	County

Attorney Docket No.: 265280-224498

INDS02 1295247v1

Attorney Docket No.: 265280-224498

Client Reference No.: DEP6440USNP3

ASSIGNMENT

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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.

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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.

Attorney Docket No.:	265280-224498
Client Reference No.:	DEP6440USNP3

Allana Madiana

ASSIGNMENT TO BUSINESS CONCERN

The undersigned agree(s) to 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 and in all other countries where Assignee may desire to have such inventions, 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.

The undersigned hereby authorize(s) and request(s) the Commissioner of Patents to issue any and all Letters Patent of the United States resulting from said application(s) or any division or divisions or continuing or reissue applications thereof, and any reexamination of any of such applications, to the said Assignee, as Assignee of the entire interest, and hereby covenants that the undersigned has full right to convey the interest herein assigned, and that the undersigned has not executed, and will not execute, any agreement in conflict herewith.

The undersigned hereby grant(s) the attorney of record the power to insert on this assignment any further identification which may be necessary or desirable in order to comply with the rules of the United States Patent and Trademark Office for recordation of this document.

IN WITNESS WHEREOF, I have execu	
1. 1446	(city, state)
this \(\frac{14^{\infty}}{\text{(day)}}\) day of \(\frac{1}{\text{(day)}}\)	(month) (year)
(day)	(year)
	Serve huly
	Inventor (Signature)
	Scott A. Lubensky
	Inventor (Printed Name)
	ACKNOWLEDGMENT
Andiana	
STATE OF WILLIAM SS:	
COUNTY OF KONCLUME }	
Manowledged before me, a Notary Pub	olic, within and for said County and State. Witness my hand and Notarial Seal
this day of ugus	, dui 9
U	• 14
	Manay Williams
	Notary Public
	\boldsymbol{o}
	Nancy Williams Notary Public State of Indiana
	Kosciliciate Chang
	My Commission Exp. June 21, 2016
My Commission Expires:	Resident of County

er.	Attorney Docket No.: 265280-224498 Client Reference No.: DEP6440USNP3
this day of (month)	Warsau) Indiana (city, state)
	Inventor (Signature) Sarah Anthony Inventor (Printed Name)
ACKNO STATE OF JUDIUMA COUNTY OF HIDUUKO SS:	WLEDGMENT
	for said County and State. Witness my hand and Notarial Seal Notary Public Nancy Williams Notary Public State of Indiana Koscificated Nanty My Commission Exp. June 21, 2016
My Commission Expires:	Resident of County

	Attorney Docket No.: 265280-224498 Client Reference No.: DEP6440USNP3
IN WITNESS WHEREOF, I have executed this assignment this	(city, state) ,2014
	Inventor (Signature) Jeremiah M. Lewis Inventor (Printed Name)
ACK	KNOWLEDGMENT
STATE OF INCULANA SCOUNTY OF KIRCULSKY SS:	
this Asia day of day of	and for said Gounty and State. Witness my hand and Notarial Seal
	Notary Public Nancy Williams Notary Public State of Indiana
My Commission Expires:	Kosci Primed ONHE My Commission Exp. June 21, 2016 Resident of County

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