502765351 04/12/2014

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
CHARLES D. CHRISTIE	12/17/2013
JON M. EDWARDS	12/17/2013
HASIB MOHAMMED	01/24/2014
DUNCAN G. YOUNG	01/17/2014

RECEIVING PARTY DATA

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

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	13785305

CORRESPONDENCE DATA

Fax Number:

Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent via US Mail.

Email: adonaldson@btlaw.com

Correspondent Name: BARNES & THORNBURG LLP Address Line 1: 11 S. MERIDIAN STREET

Address Line 4: INDIANAPOLIS, INDIANA 46204

ATTORNEY DOCKET NUMBER:	265280-222667
NAME OF SUBMITTER:	JEFFREY T.G. KELSEY
SIGNATURE:	/Jeffrey T.G. Kelsey/
DATE SIGNED:	04/12/2014

Total Attachments: 15

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Attorney Docket No.:	265280-222667	
Client Reference No.:	DEP6333USNP	

ASSIGNMENT

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

Charles D. Christie Duncan G. Young Jon M. Edwards Hasib Mohammed

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. 13/785,305, filed March 5, 2013, entitled

POLYMER 4-IN-2 FEMORAL CUTTING INSTRUMENT HAVING SEPARABLE A/P AND CHAMFER CUTTING BLOCKS

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.: 265280-222667 Client Reference No.: DEP6333USNP
SIGNMENT 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 int of Letters Patent to Assignee or its nominees, in the United States and in all other countries where Assignee may desire to have the inventions, or any of them, patented, with specifications and claims in such form as shall be approved by Assignee and to vest deconfirm 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 ited States resulting from said application(s) or any division or divisions or continuing or reissue applications thereof, and any xamination of any of such applications, to the said Assignee, as Assignee of the entire interest, and hereby covenants that the dersigned has full right to convey the interest herein assigned, and that the undersigned has not executed, and will not execute, any reement in conflict herewith.
The undersigned hereby grant(s) the attorney of record the power to insert on this assignment any further identification which y be necessary or desirable in order to comply with the rules of the United States Patent and Trademark Office for recordation of s document.
IN WITNESS WHEREOF, I have executed this assignment at Warsaw Indiana this
Marka D. Ahresta. Inventor (Signature)
Charles D. Christie Inventor (Printed Name)
ACKNOWLEDGMENT

county of Kysciliski }	SS:
this day of day of	Public, within and for said County and State. Witness my hand and Notarial Seal
	Manay Mulliams Notary Public
	Nancy Williams Notary Public State of Indiana Finited Name Kosciusko County My Commission Exp. June 21, 2016

My Commission Expires:

Resident of _____ County

			Attorney Docket No.: _ Client Reference No.: _	265280-222667 DEP6333USNP
IN WITNESS WHER	EOF, I have executed	this assignment at(month)	(city, state)	
(uu)	,	(monin)	(Jean)	
Outside the USA: Witnesses are	Witness		Inventor (Signa	ature)
required when acknowledgment before a Notary Public is not feasible.	Witness		Duncan G. You Inventor (Print	ung ed Name)
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STATE OF COUNTY OF	} } }	SS:		
Acknowledg this day				ness my hand and Notarial Seal
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	Attorney Docket No.: 203280-222007
	Client Reference No.: DEP6333USNP
IN WITNESS WHEREOF, I have executed this assignment that the state of	gnment at <u>Uarsaw Andiana</u> 1 bl. , 20 (city, state) (month) (year)
	Inventor (Signature)
	Jon M. Edwards Inventor (Printed Name)
STATE OF Malana } COUNTY OF KOSCIUSKO } ss:	ACKNOWLEDGMENT
Acknowledged before me, a Notary Public, this day of	within and for said County and State. Witness my hand and Notarial Seal
	Money Williams
	Notary Public State of Indiana Korinted Namenty My Commission Exp. June 21, 2016
My Commission Expires	Resident of Count

			Attorney Docket No.: 265	
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Attorney Docket No.: 265280-222667
Client Reference No.: DEP6333USNP

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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.

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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Attorney Docket No.:	265280-222667	_
Client Reference No.:	DEP6333USNP	_

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.

		xecuted this assignment at	(aitre atata)	
this	day of	(month)		
(da	y)	(month)	(year)	
			Inventor (Signature)	
			Charles D. Christie	
			Inventor (Printed Name)	
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My Commission Exp	ires:		Resident of	County

			Attorney Docket No.: _ Client Reference No.: _	265280-222667 DEP6333USNP
IN WITNESS WHER	EOF, I have executed the	his assignment at	(city, state)	
this	day of		(city, state)	
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Witnesses are required when acknowledgment	Witness		Inventor (Signa	
before a Notary Public is not feasible.	Witness		Duncan G. You Inventor (Print	
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	Attorney Docket No.: <u>265280-222667</u>
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	Inventor (Signature)
	Jon M. Edwards
	Inventor (Printed Name)
ACKNO	OWLEDGMENT
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	Printed Name

Attorney Docket No.: 265280-222667 Client Reference No.: DEP6333USNP	_
this 24 day of Junuary (city, state) (day) (day) (phonth) (year) Hasib Mohammed Inventor (Printed Name)	1
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LUKE OSTERHOUSE
NOTARY PUBLIC, STATE OF MI
COUNTY OF INGHAM
MY COMMISSION EXPIRES Feb 9, 2018
ACTING IN COUNTY OF

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Attorney Docket No.:	265280-222667
Client Reference No.:	

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			Inventor (Signature) Charles D. Christie
			Inventor (Printed Name)
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Page 2 of 5

	Attorney Docket No.: 265280-222667 Client Reference No.: DEP6333USNP
IN WITNESS WHEREOF, I have executed this assignm	
this 17 78 day of JANUARY (day)	(city, state)
Outside the USA: Witnesses are Witness required when acknowledgment opefore a Notary Public is not Witness feasible.	Inventor (Signature) Duncan G. Young Inventor (Printed Name)
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			Inventor (Signature)	
			Jon M. Edwards Inventor (Printed Name)	
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					Inventor (Signature)	
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