

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
 Stylesheet Version v1.2

EPAS ID: PAT4315031

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
SARAH ANTHONY	08/19/2014
DAVID M. WARLOP	08/19/2014
CHAD LAWRENCE	08/19/2014
SCOTT A. LUBENSKY	08/14/2014
ANDERS EKELUND	08/07/2014
JOSEPH P. IANNOTTI	08/26/2014
KIRK L. JENSEN	09/04/2014
JACK F. LONG	08/18/2014
DIDIER PONCET	08/27/2014
LAURENT ZANCHIN	08/03/2014
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:	14885435
CORRESPONDENCE DATA	
Fax Number:	(317)231-7433
<i>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.</i>	
Phone:	317-236-1313
Email:	swwitzer@btlaw.com
Correspondent Name:	BARNES & THORNBURG LLP
Address Line 1:	11 SOUTH MERIDIAN STREET
Address Line 4:	INDIANAPOLIS, INDIANA 46204
ATTORNEY DOCKET NUMBER:	265280-243722

NAME OF SUBMITTER:	JEFFREY T.G. KELSEY
SIGNATURE:	/Jeffrey T.G. Kelsey/
DATE SIGNED:	03/13/2017
Total Attachments: 77 source=DEP6440USNP_SignedAssignment#page1.tif source=DEP6440USNP_SignedAssignment#page2.tif source=DEP6440USNP_SignedAssignment#page3.tif source=DEP6440USNP_SignedAssignment#page4.tif source=DEP6440USNP_SignedAssignment#page5.tif source=DEP6440USNP_SignedAssignment#page6.tif source=DEP6440USNP_SignedAssignment#page7.tif source=DEP6440USNP_SignedAssignment#page8.tif source=DEP6440USNP_SignedAssignment#page9.tif source=DEP6440USNP_SignedAssignment#page10.tif source=DEP6440USNP_SignedAssignment#page11.tif source=DEP6440USNP_SignedAssignment#page12.tif source=DEP6440USNP_SignedAssignment#page13.tif source=DEP6440USNP_SignedAssignment#page14.tif source=DEP6440USNP_SignedAssignment#page15.tif source=DEP6440USNP_SignedAssignment#page16.tif source=DEP6440USNP_SignedAssignment#page17.tif source=DEP6440USNP_SignedAssignment#page18.tif source=DEP6440USNP_SignedAssignment#page19.tif source=DEP6440USNP_SignedAssignment#page20.tif source=DEP6440USNP_SignedAssignment#page21.tif source=DEP6440USNP_SignedAssignment#page22.tif source=DEP6440USNP_SignedAssignment#page23.tif source=DEP6440USNP_SignedAssignment#page24.tif source=DEP6440USNP_SignedAssignment#page25.tif source=DEP6440USNP_SignedAssignment#page26.tif source=DEP6440USNP_SignedAssignment#page27.tif source=DEP6440USNP_SignedAssignment#page28.tif source=DEP6440USNP_SignedAssignment#page29.tif source=DEP6440USNP_SignedAssignment#page30.tif source=DEP6440USNP_SignedAssignment#page31.tif source=DEP6440USNP_SignedAssignment#page32.tif source=DEP6440USNP_SignedAssignment#page33.tif source=DEP6440USNP_SignedAssignment#page34.tif source=DEP6440USNP_SignedAssignment#page35.tif source=DEP6440USNP_SignedAssignment#page36.tif source=DEP6440USNP_SignedAssignment#page37.tif source=DEP6440USNP_SignedAssignment#page38.tif source=DEP6440USNP_SignedAssignment#page39.tif source=DEP6440USNP_SignedAssignment#page40.tif source=DEP6440USNP_SignedAssignment#page41.tif source=DEP6440USNP_SignedAssignment#page42.tif source=DEP6440USNP_SignedAssignment#page43.tif	

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ASSIGNMENT TO BUSINESS CONCERN

Attorney Docket No.: 265280-224142
Client Reference No.: DEP6440USNP

ASSIGNMENT

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

Sarah Anthony
Didier Poncet
David M. Warlop
Laurent Zanchin
Chad Lawrence
Scott A. Lubensky
Jack F. Long
Joseph P. Iannotti
Kirk L. Jensen
Anders Ekelund

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. 13/803,272, filed March 14, 2013, entitled

STEMLESS HUMERAL COMPONENT OF AN ORTHOPAEDIC SHOULDER PROSTHESIS

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.: 265280-224142
Client Reference No.: DEP6440USNP

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 executed this assignment at Warsaw Indiana
this 19th day of August, 2014
(day) (month) (year)

Sarah Anthony
Inventor (Signature)
Sarah Anthony
Inventor (Printed Name)

ACKNOWLEDGMENT

STATE OF Indiana }
COUNTY OF Kosciusko } SS:

this 19th day of August, 2014
Acknowledged before me, a Notary Public, within and for said County and State. Witness my hand and Notarial Seal

Nancy Williams
Notary Public
Nancy Williams
Notary Public State of Indiana
~~Kosciusko County~~
My Commission Exp. June 21, 2016

My Commission Expires: _____

Resident of _____ County

Attorney Docket No.: 265280-224142
Client Reference No.: DEP6440USNP

IN WITNESS WHEREOF, I have executed this assignment at _____
(city, state)
this _____ day of _____, 2014
(day) (month) (year)

Outside the USA: _____
Witnesses are required when
acknowledgment before a Notary
Public is not feasible. _____
Witness

Inventor (Signature)

Didier Poncet
Inventor (Printed Name)

ACKNOWLEDGMENT

STATE OF _____ }
COUNTY OF _____ } SS:

Acknowledged before me, a Notary Public, within and for said County and State. Witness my hand and Notarial Seal
this _____ day of _____, _____.

Notary Public

Printed Name

My Commission Expires: _____

Resident of _____ County

Attorney Docket No.: 265280-224142
Client Reference No.: DEP6440USNP

IN WITNESS WHEREOF, I have executed this assignment at Warsaw Indiana
this 19th day of August, 2014.
(day) (month) (year)

David M. Warlop
Inventor (Signature)

David M. Warlop
Inventor (Printed Name)

ACKNOWLEDGMENT

STATE OF Indiana }
COUNTY OF Kosciusko } SS:

this 19th day of August, 2014.
Acknowledged before me, a Notary Public, within and for said County and State. Witness my hand and Notarial Seal

Nancy Williams
Notary Public

Nancy Williams
Notary Public State of Indiana
Kosciusko
My Commission Exp, June 21, 2016

My Commission Expires: _____

Resident of _____ County

Attorney Docket No.: 265280-224142
Client Reference No.: DEP6440USNP

IN WITNESS WHEREOF, I have executed this assignment at _____
this _____ day of _____, _____
(day) (month) (city, state) 2014 (year)

Outside the USA: _____
Witnesses are required when acknowledgment before a Notary Public is not feasible. _____
Witness

Inventor (Signature)

Laurent Zanchin
Inventor (Printed Name)

ACKNOWLEDGMENT

STATE OF _____ }
COUNTY OF _____ } SS:

Acknowledged before me, a Notary Public, within and for said County and State. Witness my hand and Notarial Seal
this _____ day of _____, _____.

Notary Public

Printed Name

My Commission Expires: _____

Resident of _____ County

Attorney Docket No.: 265280-224142
Client Reference No.: DEP6440USNP

IN WITNESS WHEREOF, I have executed this assignment at Warsaw Indiana
this 19th day of August, 2014
(day) (month) (year)

Chad Lawrence
Inventor (Signature)

Chad Lawrence
Inventor (Printed Name)

ACKNOWLEDGMENT

STATE OF Indiana }
COUNTY OF Kosciusko } SS:

Subscribed and acknowledged before me, a Notary Public, within and for said County and State. Witness my hand and Notarial Seal
this 19th day of August, 2014

Nancy Williams
Notary Public

Nancy Williams
Notary Public State of Indiana
Kosciusko
My Commission Exp. June 21, 2016

My Commission Expires: _____

Resident of _____ County

Attorney Docket No.: 265280-224142
Client Reference No.: DEP6440USNP

IN WITNESS WHEREOF, I have executed this assignment at Warsaw Indiana
this 14th day of August, 2014
(day) (month) (year)

Scott A. Lubensky
Inventor (Signature)
Scott A. Lubensky
Inventor (Printed Name)

ACKNOWLEDGMENT

STATE OF Indiana }
COUNTY OF Kosciusko } SS:

Acknowledged before me, a Notary Public, within and for said County and State. Witness my hand and Notarial Seal
this 14th day of August, 2014

Nancy Williams
Notary Public

Nancy Williams
Notary Public State of Indiana
Kosciusko County
My Commission Exp. June 21, 2016

My Commission Expires: _____

Resident of _____ County

Attorney Docket No.: 265280-224142
Client Reference No.: DEP6440USNP

IN WITNESS WHEREOF, I have executed this assignment at _____
this _____ day of _____, _____
(day) (month) (city, state) 2014 (year)

Inventor (Signature)

Jack F. Long
Inventor (Printed Name)

ACKNOWLEDGMENT

STATE OF _____ }
COUNTY OF _____ } SS:

Acknowledged before me, a Notary Public, within and for said County and State. Witness my hand and Notarial Seal
this _____ day of _____,

Notary Public

Printed Name

My Commission Expires: _____

Resident of _____ County

Attorney Docket No.: 265280-224142
Client Reference No.: DEP6440USNP

IN WITNESS WHEREOF, I have executed this assignment at _____
this _____ day of _____, _____
(day) (month) (city, state) 2014 (year)

Inventor (Signature)

Joseph P. Iannotti
Inventor (Printed Name)

ACKNOWLEDGMENT

STATE OF _____ }
COUNTY OF _____ } SS:

Acknowledged before me, a Notary Public, within and for said County and State. Witness my hand and Notarial Seal
this _____ day of _____.

Notary Public

Printed Name

My Commission Expires: _____

Resident of _____ County

Attorney Docket No.: 265280-224142
Client Reference No.: DEP6440USNP

IN WITNESS WHEREOF, I have executed this assignment at _____
this _____ day of _____, _____
(day) (month) (city, state) 2014 (year)

Inventor (Signature)

Kirk L. Jensen
Inventor (Printed Name)

ACKNOWLEDGMENT

STATE OF _____ }
COUNTY OF _____ } SS:

Acknowledged before me, a Notary Public, within and for said County and State. Witness my hand and Notarial Seal
this _____ day of _____, _____

Notary Public

Printed Name

My Commission Expires: _____

Resident of _____ County

Attorney Docket No.: 265280-224142
Client Reference No.: DEP6440USNP

IN WITNESS WHEREOF, I have executed this assignment at _____
 _____ (city, state)
 this _____ day of _____, _____ 2014
 _____ (day) _____ (month) _____ (year)

Outside the USA:

Witnesses are required when acknowledgment before a Notary Public is not feasible.	Witness
	_____ Witness

Inventor (Signature)

Anders Ekelund

Inventor (Printed Name)

ACKNOWLEDGMENT

STATE OF

}

}

COUNTY OF

} SS:

Acknowledged before me, a Notary Public, within and for said County and State. Witness my hand and Notarial Seal
this _____ day of _____, _____.

Notary Public

Printed Name

My Commission Expires: _____

Resident of _____ County

ASSIGNMENT TO BUSINESS CONCERN

Attorney Docket No.: 265280-224142

Client Reference No.: DEP6440USNP

A S S I G N M E N T

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

Sarah Anthony
Didier Poncet
David M. Warlop
Laurent Zanchin
Chad Lawrence
Scott A. Lubensky
Jack F. Long
Joseph P. Iannotti
Kirk L. Jensen
Anders Ekelund

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. 13/803,272, filed March 14, 2013, entitled

STEMLESS HUMERAL COMPONENT OF AN ORTHOPAEDIC SHOULDER PROSTHESIS

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.

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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.

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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 executed this assignment at _____
(city, state)
this _____ day of _____, 2014.
(day) (month) (year)

Inventor (Signature)

Sarah Anthony
Inventor (Printed Name)

ACKNOWLEDGMENT

STATE OF }
 }
COUNTY OF } SS:

Acknowledged before me, a Notary Public, within and for said County and State. Witness my hand and Notarial Seal
this _____ day of _____.

Notary Public

Printed Name

My Commission Expires: _____

Resident of _____ County

IN WITNESS WHEREOF, I have executed this assignment at LYON (FRANCE)
(city, state)
this 27 day of AUGUST, 2014
(day) (month) (year)

Outside the USA:
Witnesses are
required when
acknowledgment
before a Notary
Public is not
feasible.

Andre' PONCET
Witness
Danielle Poncet
Witness

[Signature]
Inventor (Signature)
Didier Poncet
Inventor (Printed Name)

ACKNOWLEDGMENT

STATE OF }
COUNTY OF } SS:

Acknowledged before me, a Notary Public, within and for said County and State. Witness my hand and Notarial Seal
this _____ day of _____.

Notary Public

Printed Name

My Commission Expires: _____

Resident of _____ County

Attorney Docket No.: 265280-224142
Client Reference No.: DEP6440USNP

IN WITNESS WHEREOF, I have executed this assignment at _____
this _____ day of _____, _____
(day) (month) (city, state) 2014
(year)

Inventor (Signature)

David M. Warlop
Inventor (Printed Name)

ACKNOWLEDGMENT

STATE OF _____ }
COUNTY OF _____ } SS:

Acknowledged before me, a Notary Public, within and for said County and State. Witness my hand and Notarial Seal
this _____ day of _____, _____.

Notary Public

Printed Name

My Commission Expires: _____

Resident of _____ County

Attorney Docket No.: 265280-224142
Client Reference No.: DEP6440USNP

IN WITNESS WHEREOF, I have executed this assignment at _____
this _____ day of _____, _____
(day) (month) (city, state) 2014
(year)

Outside the USA: _____
Witnesses are required when acknowledgment before a Notary Public is not feasible.
Witness _____
Inventor (Signature) _____
Laurent Zanchin
Inventor (Printed Name) _____

ACKNOWLEDGMENT

STATE OF _____ }
COUNTY OF _____ } SS:

Acknowledged before me, a Notary Public, within and for said County and State. Witness my hand and Notarial Seal
this _____ day of _____, _____.

Notary Public

Printed Name

My Commission Expires: _____

Resident of _____ County

Attorney Docket No.: 265280-224142
Client Reference No.: DEP6440USNP

IN WITNESS WHEREOF, I have executed this assignment at _____
this _____ day of _____, _____
(day) (month) (city, state) 2014
(year)

Inventor (Signature)

Chad Lawrence
Inventor (Printed Name)

ACKNOWLEDGMENT

STATE OF }
COUNTY OF } SS:

Acknowledged before me, a Notary Public, within and for said County and State. Witness my hand and Notarial Seal
this _____ day of _____, _____.

Notary Public

Printed Name

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Resident of _____ County

Attorney Docket No.: 265280-224142
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IN WITNESS WHEREOF, I have executed this assignment at _____
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(year)

Inventor (Signature)

Scott A. Lubensky
Inventor (Printed Name)

ACKNOWLEDGMENT

STATE OF _____ }
COUNTY OF _____ } SS:

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(year)

Inventor (Signature)

Jack F. Long
Inventor (Printed Name)

ACKNOWLEDGMENT

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(year)

Inventor (Signature)

Joseph P. Iannotti
Inventor (Printed Name)

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(year)

Inventor (Signature)

Kirk L. Jensen
Inventor (Printed Name)

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(year)

Outside the USA: _____
Witnesses are required when acknowledgment before a Notary Public is not feasible.
Witness _____
Inventor (Signature) _____
Anders Ekelund
Inventor (Printed Name) _____

ACKNOWLEDGMENT

STATE OF _____ }
COUNTY OF _____ } SS:

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Notary Public

Printed Name

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ASSIGNMENT TO BUSINESS CONCERN

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Didier Poncet
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Chad Lawrence
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Anders Ekelund

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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.

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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 executed this assignment at _____
(city, state)
this _____ day of _____, 2014.
(day) (month) (year)

Inventor (Signature)

Sarah Anthony
Inventor (Printed Name)

ACKNOWLEDGMENT

STATE OF _____ }
 } SS:
COUNTY OF _____ }

Acknowledged before me, a Notary Public, within and for said County and State. Witness my hand and Notarial Seal
this _____ day of _____.

Notary Public

Printed Name

My Commission Expires: _____

Resident of _____ County

Attorney Docket No.: 265280-224142
Client Reference No.: DEP6440USNP

IN WITNESS WHEREOF, I have executed this assignment at _____
this _____ day of _____, _____
(day) (month) (city, state) 2014
(year)

Outside the USA: _____
Witnesses are required when acknowledgment before a Notary Public is not feasible.
Witness _____
Inventor (Signature) _____
Didier Poncet
Inventor (Printed Name) _____

ACKNOWLEDGMENT

STATE OF _____ }
COUNTY OF _____ } SS:

Acknowledged before me, a Notary Public, within and for said County and State. Witness my hand and Notarial Seal
this _____ day of _____, _____.

Notary Public

Printed Name

My Commission Expires: _____

Resident of _____ County

Attorney Docket No.: 265280-224142
Client Reference No.: DEP6440USNP

IN WITNESS WHEREOF, I have executed this assignment at _____
this _____ day of _____, _____
(day) (month) (city, state) 2014
(year)

Inventor (Signature)

David M. Warlop
Inventor (Printed Name)

ACKNOWLEDGMENT

STATE OF }
COUNTY OF } SS:

Acknowledged before me, a Notary Public, within and for said County and State. Witness my hand and Notarial Seal
this _____ day of _____, _____.

Notary Public

Printed Name

My Commission Expires: _____

Resident of _____ County

Client Reference No.: DEP6440USNP

Outside the USA:
Witnesses are
required when
acknowledgment
before a Notary
Public is not
feasible.

J. Zanchin
Witness

Laurent Zanchin
Inventor (Printed Name)

STATE OF }
COUNTY OF }

SS:

Acknowledged before me, a Notary Public, within and for said County and State. Witness my hand and Notarial Seal
this _____ day of _____, _____.

Printed Name _____

Resident of _____ County

Attorney Docket No.: 265280-224142
Client Reference No.: DEP6440USNP

IN WITNESS WHEREOF, I have executed this assignment at _____
this _____ day of _____, _____
(day) (month) (city, state) 2014
(year)

Inventor (Signature)

Chad Lawrence
Inventor (Printed Name)

ACKNOWLEDGMENT

STATE OF _____ }
COUNTY OF _____ } SS:

Acknowledged before me, a Notary Public, within and for said County and State. Witness my hand and Notarial Seal
this _____ day of _____, _____.

Notary Public

Printed Name

My Commission Expires: _____

Resident of _____ County

Attorney Docket No.: 265280-224142
Client Reference No.: DEP6440USNP

IN WITNESS WHEREOF, I have executed this assignment at _____
this _____ day of _____, _____
(day) (month) (city, state) 2014
(year)

Inventor (Signature)

Scott A. Lubensky
Inventor (Printed Name)

ACKNOWLEDGMENT

STATE OF _____ }
COUNTY OF _____ } SS:

Acknowledged before me, a Notary Public, within and for said County and State. Witness my hand and Notarial Seal
this _____ day of _____, _____.

Notary Public

Printed Name

My Commission Expires: _____

Resident of _____ County

Attorney Docket No.: 265280-224142
Client Reference No.: DEP6440USNP

IN WITNESS WHEREOF, I have executed this assignment at _____
this _____ day of _____, _____
(day) (month) (city, state) 2014
(year)

Inventor (Signature)

Jack F. Long
Inventor (Printed Name)

ACKNOWLEDGMENT

STATE OF _____ }
COUNTY OF _____ } SS:

Acknowledged before me, a Notary Public, within and for said County and State. Witness my hand and Notarial Seal
this _____ day of _____, _____.

Notary Public

Printed Name

My Commission Expires: _____

Resident of _____ County

Attorney Docket No.: 265280-224142
Client Reference No.: DEP6440USNP

IN WITNESS WHEREOF, I have executed this assignment at _____
this _____ day of _____, _____
(day) (month) (city, state) 2014
(year)

Inventor (Signature)

Joseph P. Iannotti
Inventor (Printed Name)

ACKNOWLEDGMENT

STATE OF _____ }
COUNTY OF _____ } SS:

Acknowledged before me, a Notary Public, within and for said County and State. Witness my hand and Notarial Seal
this _____ day of _____, _____.

Notary Public

Printed Name

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Resident of _____ County

Attorney Docket No.: 265280-224142
Client Reference No.: DEP6440USNP

IN WITNESS WHEREOF, I have executed this assignment at _____
this _____ day of _____, _____
(day) (month) (city, state) 2014
(year)

Inventor (Signature)

Kirk L. Jensen
Inventor (Printed Name)

ACKNOWLEDGMENT

STATE OF _____ }
COUNTY OF _____ } SS:

Acknowledged before me, a Notary Public, within and for said County and State. Witness my hand and Notarial Seal
this _____ day of _____, _____.

Notary Public

Printed Name

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(year)

Outside the USA: _____
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Witness _____
Inventor (Signature) _____
Anders Ekelund
Inventor (Printed Name) _____

ACKNOWLEDGMENT

STATE OF _____ }
COUNTY OF _____ } SS:

Acknowledged before me, a Notary Public, within and for said County and State. Witness my hand and Notarial Seal
this _____ day of _____, _____.

Notary Public

Printed Name

My Commission Expires: _____

Resident of _____ County

ASSIGNMENT TO BUSINESS CONCERN

Attorney Docket No.: 265280-224142
Client Reference No.: DEP6440USNP

ASSIGNMENT

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

Sarah Anthony
Didier Poncet
David M. Warlop
Laurent Zanchin
Chad Lawrence
Scott A. Lubensky
Jack F. Long
Joseph P. Iannotti
Kirk L. Jensen
Anders Ekelund

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. 13/803,272, filed March 14, 2013, entitled

STEMLESS HUMERAL COMPONENT OF AN ORTHOPAEDIC SHOULDER PROSTHESIS

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.

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Attorney Docket No.: 265280-224142
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IN WITNESS WHEREOF, I have executed this assignment at _____
this _____ day of _____, _____
(day) (month) (city, state) 2014
(year)

Inventor (Signature)

Sarah Anthony
Inventor (Printed Name)

ACKNOWLEDGMENT

STATE OF _____ }
COUNTY OF _____ } SS:

Acknowledged before me, a Notary Public, within and for said County and State. Witness my hand and Notarial Seal
this _____ day of _____, _____.

Notary Public

Printed Name

My Commission Expires: _____

Resident of _____ County

Attorney Docket No.: 265280-224142
Client Reference No.: DEP6440USNP

IN WITNESS WHEREOF, I have executed this assignment at _____
this _____ day of _____, _____
(day) (month) (city, state) 2014 (year)

Outside the USA: _____
Witnesses are required when acknowledgment before a Notary Public is not feasible. _____
Witness

Inventor (Signature)

Didier Poncet
Inventor (Printed Name)

ACKNOWLEDGMENT

STATE OF _____ }
COUNTY OF _____ } SS:

Acknowledged before me, a Notary Public, within and for said County and State. Witness my hand and Notarial Seal
this _____ day of _____.

Notary Public

Printed Name

My Commission Expires: _____

Resident of _____ County

Attorney Docket No.: 265280-224142
Client Reference No.: DEP6440USNP

IN WITNESS WHEREOF, I have executed this assignment at _____
this _____ day of _____, _____
(day) (month) (year)

Inventor (Signature)

David M. Warlop
Inventor (Printed Name)

ACKNOWLEDGMENT

STATE OF _____ }
COUNTY OF _____ } SS:

Acknowledged before me, a Notary Public, within and for said County and State. Witness my hand and Notarial Seal
this _____ day of _____, _____.

Notary Public

Printed Name

My Commission Expires: _____

Resident of _____ County

Attorney Docket No.: 265280-224142
Client Reference No.: DEP6440USNP

IN WITNESS WHEREOF, I have executed this assignment at _____
this _____ day of _____, _____
(day) (month) (city, state) 2014 (year)

Outside the USA: _____
Witnesses are required when acknowledgment before a Notary Public is not feasible.
Witness _____ Inventor (Signature) _____
Witness _____ Inventor (Printed Name) Laurent Zanchin

ACKNOWLEDGMENT

STATE OF _____ }
COUNTY OF _____ } SS:

Acknowledged before me, a Notary Public, within and for said County and State. Witness my hand and Notarial Seal
this _____ day of _____.

Notary Public

Printed Name

My Commission Expires: _____ Resident of _____ County

Attorney Docket No.: 265280-224142
Client Reference No.: DEP6440USNP

IN WITNESS WHEREOF, I have executed this assignment at _____
this _____ day of _____, _____
(day) (month) (city, state) 2014 (year)

Inventor (Signature)

Chad Lawrence
Inventor (Printed Name)

ACKNOWLEDGMENT

STATE OF }
COUNTY OF } SS:

Acknowledged before me, a Notary Public, within and for said County and State. Witness my hand and Notarial Seal
this _____ day of _____.

Notary Public

Printed Name

My Commission Expires: _____

Resident of _____ County

Attorney Docket No.: 265280-224142
Client Reference No.: DEP6440USNP

IN WITNESS WHEREOF, I have executed this assignment at _____

this _____ day of _____, _____
(day) (month) (year)

Inventor (Signature)

Scott A. Lubensky
Inventor (Printed Name)

ACKNOWLEDGMENT

STATE OF _____ }
COUNTY OF _____ }

SS: _____

Acknowledged before me, a Notary Public, within and for said County and State. Witness my hand and Notarial Seal
this _____ day of _____.

Notary Public

Printed Name

My Commission Expires: _____

Resident of _____ County

Attorney Docket No.: 265280-224142
Client Reference No.: DEP6440USNP

IN WITNESS WHEREOF, I have executed this assignment at Warsaw Indiana
this 18th day of August, 2014
(day) (month) (year)

Jack F. Long
Inventor (Signature)

Jack F. Long
Inventor (Printed Name)

ACKNOWLEDGMENT

STATE OF Indiana }
COUNTY OF Kosciusko } SS:

this 18th day of August, 2014,
Acknowledged before me a Notary Public, within and for said County and State. Witness my hand and Notarial Seal

Nancy Williams
Notary Public

Nancy Williams
Notary Public, State of Indiana
Kosciusko County

My Commission Exp. June 21, 2016
Resident of _____ County

My Commission Expires: _____

Attorney Docket No.: 265280-224142
Client Reference No.: DEP6440USNP

IN WITNESS WHEREOF, I have executed this assignment at _____
this _____ day of _____, _____
(day) (month) (year)

Inventor (Signature)

Joseph P. Iannotti
Inventor (Printed Name)

ACKNOWLEDGMENT

STATE OF _____ }
COUNTY OF _____ } SS:

Acknowledged before me, a Notary Public, within and for said County and State. Witness my hand and Notarial Seal
this _____ day of _____, _____.

Notary Public

Printed Name

My Commission Expires: _____

Resident of _____ County

Attorney Docket No.: 265280-224142
Client Reference No.: DEP6440USNP

IN WITNESS WHEREOF, I have executed this assignment at _____
this _____ day of _____, _____
(day) (month) (year)

Inventor (Signature)

Kirk L. Jensen
Inventor (Printed Name)

ACKNOWLEDGMENT

STATE OF _____ }
COUNTY OF _____ } SS:

Acknowledged before me, a Notary Public, within and for said County and State. Witness my hand and Notarial Seal
this _____ day of _____.

Notary Public

Printed Name

My Commission Expires: _____

Resident of _____ County

Attorney Docket No.: 265280-224142
Client Reference No.: DEP6440USNP

IN WITNESS WHEREOF, I have executed this assignment at _____
this _____ day of _____, _____
(day) (month) (city, state) 2014 (year)

Outside the USA: _____
Witnesses are required when acknowledgment before a Notary Public is not feasible. _____
Witness _____
Inventor (Signature) _____
Anders Ekelund
Inventor (Printed Name) _____

ACKNOWLEDGMENT

STATE OF _____ }
COUNTY OF _____ } SS:

Acknowledged before me, a Notary Public, within and for said County and State. Witness my hand and Notarial Seal
this _____ day of _____.

Notary Public

Printed Name

My Commission Expires: _____ Resident of _____ County

ASSIGNMENT TO BUSINESS CONCERN

Attorney Docket No.: 265280-224142

Client Reference No.: DEP6440USNP

ASSIGNMENT

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

Sarah Anthony
Didier Poncet
David M. Warlop
Laurent Zanchin
Chad Lawrence
Scott A. Lubensky
Jack F. Long
Joseph P. Iannotti
Kirk L. Jensen
Anders Ekelund

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. 13/803,272, filed March 14, 2013, entitled

STEMLESS HUMERAL COMPONENT OF AN ORTHOPAEDIC SHOULDER PROSTHESIS

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.

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Attorney Docket No.: 265280-224142
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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 executed this assignment at _____
this _____ day of _____, _____
(day) (month) (city, state) 2014
(year)

Inventor (Signature)

Sarah Anthony
Inventor (Printed Name)

ACKNOWLEDGMENT

STATE OF _____ }
COUNTY OF _____ } SS:

Acknowledged before me, a Notary Public, within and for said County and State. Witness my hand and Notarial Seal
this _____ day of _____, _____.

Notary Public

Printed Name

My Commission Expires: _____

Resident of _____ County

Attorney Docket No.: 265280-224142
Client Reference No.: DEP6440USNP

IN WITNESS WHEREOF, I have executed this assignment at _____
this _____ day of _____, _____
(day) (month) (city, state) 2014 (year)

Outside the USA: _____
Witnesses are required when acknowledgment before a Notary Public is not feasible. _____
Witness _____
Inventor (Signature) _____
Didier Poncet
Inventor (Printed Name) _____

ACKNOWLEDGMENT

STATE OF _____ }
COUNTY OF _____ } SS:

Acknowledged before me, a Notary Public, within and for said County and State. Witness my hand and Notarial Seal
this _____ day of _____.

Notary Public

Printed Name

My Commission Expires: _____

Resident of _____ County

Attorney Docket No.: 265280-224142
Client Reference No.: DEP6440USNP

IN WITNESS WHEREOF, I have executed this assignment at _____
this _____ day of _____, _____
(day) (month) (city, state) 2014 (year)

Inventor (Signature)

David M. Warlop
Inventor (Printed Name)

ACKNOWLEDGMENT

STATE OF }
COUNTY OF } SS:

Acknowledged before me, a Notary Public, within and for said County and State. Witness my hand and Notarial Seal
this _____ day of _____, _____.

Notary Public

Printed Name

My Commission Expires: _____

Resident of _____ County

Attorney Docket No.: 265280-224142
Client Reference No.: DEP6440USNP

IN WITNESS WHEREOF, I have executed this assignment at _____
this _____ day of _____, _____
(day) (month) (city, state) 2014 (year)

Outside the USA: _____
Witnesses are required when acknowledgment before a Notary Public is not feasible.
Witness _____
Inventor (Signature) _____
Laurent Zanchin
Inventor (Printed Name) _____

ACKNOWLEDGMENT

STATE OF }
COUNTY OF } SS:

Acknowledged before me, a Notary Public, within and for said County and State. Witness my hand and Notarial Seal
this _____ day of _____.

Notary Public

Printed Name

My Commission Expires: _____ Resident of _____ County

Attorney Docket No.: 265280-224142
Client Reference No.: DEP6440USNP

IN WITNESS WHEREOF, I have executed this assignment at _____
this _____ day of _____, _____
(day) (month) (city, state) 2014 (year)

Inventor (Signature)

Chad Lawrence
Inventor (Printed Name)

ACKNOWLEDGMENT

STATE OF }
COUNTY OF } SS:

Acknowledged before me, a Notary Public, within and for said County and State. Witness my hand and Notarial Seal
this _____ day of _____, _____.

Notary Public

Printed Name

My Commission Expires: _____

Resident of _____ County

Attorney Docket No.: 265280-224142
Client Reference No.: DEP6440USNP

IN WITNESS WHEREOF, I have executed this assignment at _____

this _____ day of _____, _____
(day) (month) (year) (city, state) 2014

Inventor (Signature)

Scott A. Lubensky
Inventor (Printed Name)

ACKNOWLEDGMENT

STATE OF }
COUNTY OF } SS:

Acknowledged before me, a Notary Public, within and for said County and State. Witness my hand and Notarial Seal
this _____ day of _____, _____.

Notary Public

Printed Name

My Commission Expires: _____

Resident of _____ County

Attorney Docket No.: 265280-224142
Client Reference No.: DEP6440USNP

IN WITNESS WHEREOF, I have executed this assignment at _____
this _____ day of _____, _____
(day) (month) (year) (city, state)

Inventor (Signature)

Jack F. Long
Inventor (Printed Name)

ACKNOWLEDGMENT

STATE OF }
COUNTY OF } SS:

Acknowledged before me, a Notary Public, within and for said County and State. Witness my hand and Notarial Seal
this _____ day of _____, _____.

Notary Public

Printed Name

My Commission Expires: _____ Resident of _____ County

IN WITNESS WHEREOF, I have executed this assignment at Cleveland Oh
this 26 day of August, 2014.
(day) (month) (year)

Joseph P. Iannotti
Inventor (Signature)
Joseph P. Iannotti
Inventor (Printed Name)

ACKNOWLEDGMENT

STATE OF }
COUNTY OF } SS:

Acknowledged before me, a Notary Public, within and for said County and State. Witness my hand and Notarial Seal
this 26 day of August, 2014.

Carol M. Williams
Notary Public
CAROL M WILLIAMS
Printed Name

My Commission Expires: 5-9-15

Resident of Lake County

Attorney Docket No.: 265280-224142
Client Reference No.: DEP6440USNP

IN WITNESS WHEREOF, I have executed this assignment at _____

this _____ day of _____, _____
(day) (month) (year) (city, state)

Inventor (Signature)

Kirk L. Jensen
Inventor (Printed Name)

ACKNOWLEDGMENT

STATE OF _____ }
COUNTY OF _____ } SS:

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Notary Public

Printed Name

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Resident of _____ County

Attorney Docket No.: 265280-224142
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(day) (month) (city, state) 2014 (year)

Outside the USA: _____
Witnesses are required when acknowledgment before a Notary Public is not feasible.
Witness _____
Inventor (Signature) _____
Anders Ekelund
Inventor (Printed Name) _____

ACKNOWLEDGMENT

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COUNTY OF } SS:

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Notary Public

Printed Name

My Commission Expires: _____

Resident of _____ County

ASSIGNMENT TO BUSINESS CONCERN

Attorney Docket No.: 265280-224142
Client Reference No.: DEP6440USNP

ASSIGNMENT

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Sarah Anthony
Didier Poncet
David M. Warlop
Laurent Zanchin
Chad Lawrence
Scott A. Lubensky
Jack F. Long
Joseph P. Iannotti
Kirk L. Jensen
Anders Ekelund

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. 13/803,272, filed March 14, 2013, entitled

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DePuy Synthes Products, LLC
325 Paramount Drive
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A corporation of the state of DELAWARE

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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.

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.: 265280-224142

Client Reference No.: DEP6440USNP

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 executed this assignment at _____
(city, state)
this _____ day of _____, 2014
(day) (month) (year)

Inventor (Signature)

Sarah Anthony

Inventor (Printed Name)

ACKNOWLEDGMENT

STATE OF _____

COUNTY OF _____

SS: _____

Acknowledged before me, a Notary Public, within and for said County and State. Witness my hand and Notarial Seal
this _____ day of _____, _____

Notary Public

Printed Name

My Commission Expires: _____

Resident of _____ County

Attorney Docket No.: 265280-224142
Client Reference No.: DEP6440USNP

IN WITNESS WHEREOF, I have executed this assignment at _____
(city, state)
this _____ day of _____, 2014
(day) (month) (year)

Outside the USA: _____
Witnesses are required when acknowledgment before a Notary Public is not feasible. _____
Witness _____
Inventor (Signature) _____
Didier Poncet
Inventor (Printed Name) _____

ACKNOWLEDGMENT

STATE OF _____ }
COUNTY OF _____ } SS:

Acknowledged before me, a Notary Public, within and for said County and State. Witness my hand and Notarial Seal
this _____ day of _____,

Notary Public

Printed Name

My Commission Expires: _____

Resident of _____ County

Attorney Docket No.: 265280-224142
Client Reference No.: DEP6440USNP

IN WITNESS WHEREOF, I have executed this assignment at _____
(city, state)
this _____ day of _____, 2014
(day) (month) (year)

Inventor (Signature)

David M. Warlen
Inventor (Printed Name)

ACKNOWLEDGMENT

STATE OF _____ }
COUNTY OF _____ } SS:

Acknowledged before me, a Notary Public, within and for said County and State. Witness my hand and Notarial Seal
this _____ day of _____.

Notary Public

Printed Name

My Commission Expires: _____

Resident of _____ County

Attorney Docket No.: 265280-224142
Client Reference No.: DEP6440USNP

IN WITNESS WHEREOF, I have executed this assignment at _____
(city, state)
this _____ day of _____, 2014
(day) (month) (year)

Outside the USA: _____
Witnesses are required when acknowledgment before a Notary Public is not feasible.
Witness _____
Witness _____

Inventor (Signature)

Laurent Zanchin
Inventor (Printed Name)

ACKNOWLEDGMENT

STATE OF _____ }
COUNTY OF _____ } SS: _____

Acknowledged before me, a Notary Public, within and for said County and State. Witness my hand and Notarial Seal
this _____ day of _____, _____

Notary Public

Printed Name

My Commission Expires: _____

Resident of _____ County

Attorney Docket No.: 265280-224142
Client Reference No.: DEP6440USNP

IN WITNESS WHEREOF, I have executed this assignment at _____
(city, state)
this _____ day of _____, 2014
(day) (month) (year)

Inventor (Signature)

Chad Lawrence

Inventor (Printed Name)

ACKNOWLEDGMENT

STATE OF _____ }
COUNTY OF _____ } SS:

Acknowledged before me, a Notary Public, within and for said County and State. Witness my hand and Notarial Seal
this _____ day of _____,

Notary Public

Printed Name

My Commission Expires: _____

Resident of _____ County

Attorney Docket No.: 265280-224142
Client Reference No.: DEP6440USNP

IN WITNESS WHEREOF, I have executed this assignment at _____
(city, state)
this _____ day of _____, 2014
(day) (month) (year)

Inventor (Signature)

Scott A. Lubensky
Inventor (Printed Name)

ACKNOWLEDGMENT

STATE OF _____ }
COUNTY OF _____ } SS:

Acknowledged before me, a Notary Public, within and for said County and State. Witness my hand and Notarial Seal
this _____ day of _____

Notary Public

Printed Name

My Commission Expires: _____

Resident of _____ County

Attorney Docket No.: 265280-224142
Client Reference No.: DEP6440USNP

IN WITNESS WHEREOF, I have executed this assignment at _____
(city, state)
this _____ day of _____, 2014
(day) (month) (year)

Inventor (Signature)

Jack F. Long
Inventor (Printed Name)

ACKNOWLEDGMENT

STATE OF _____ }
COUNTY OF _____ } SS:

Acknowledged before me, a Notary Public, within and for said County and State. Witness my hand and Notarial Seal
this _____ day of _____, _____

Notary Public

Printed Name

My Commission Expires: _____

Resident of _____ County

Attorney Docket No.: 265280-224142
Client Reference No.: DEP6440USNP

IN WITNESS WHEREOF, I have executed this assignment at _____

this _____ day of _____, _____
(day) (month) (city, state) 2014
(year)

Inventor (Signature)

Joseph P. Iannotti
Inventor (Printed Name)

ACKNOWLEDGMENT

STATE OF _____ }
COUNTY OF _____ } SS:

Acknowledged before me, a Notary Public, within and for said County and State. Witness my hand and Notarial Seal
this _____ day of _____,

Notary Public

Printed Name

My Commission Expires: _____

Resident of _____ County

Attorney Docket No.: 265280-224142
Client Reference No.: DEP6440USNP

IN WITNESS WHEREOF, I have executed this assignment at _____
this _____ day of _____, 2014
(day) (month) (year)

Inventor (Signature)

Kirk L. Jensen

Inventor (Printed Name)

ACKNOWLEDGMENT

STATE OF _____ }
COUNTY OF _____ } SS:

Acknowledged before me, a Notary Public, within and for said County and State. Witness my hand and Notarial Seal
this _____ day of _____,

Notary Public

Printed Name

My Commission Expires: _____

Resident of _____ County

Attorney Docket No.: 265280-224142
Client Reference No.: DEP6440USNP

IN WITNESS WHEREOF, I have executed this assignment at Stockholm, SWEDEN

this 7 day of Aug 2014
(day) (month) (year)

Outside the USA
Witnesses are
required when
acknowledgment
before a Notary
Public is not
feasible.

Witness

Witness

Inventor (Signature)

Anders Ekelund
Inventor (Printed Name)

ACKNOWLEDGMENT

STATE OF

COUNTY OF

SS:

Acknowledged before me, a Notary Public, within and for said County and State. Witness my hand and Notarial Seal
this _____ day of _____, _____.

Notary Public

Printed Name

My Commission Expires: _____

Resident of _____ County

ASSIGNMENT TO BUSINESS CONCERN

Attorney Docket No.: 265780-224142
Client Reference No.: DEP6440USNP

ASSIGNMENT

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

Sarah Anthony
Didier Ponce
David M. Warlop
Laurent Zechin
Chad Lawrence
Scott A. Lubensky
Jack F. Long
Joseph P. Iannotti
Kirk L. Jensen
Anders Ekelund

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. 13/803,272, filed March 14, 2013, entitled

STEMLESS HUMERAL COMPONENT OF AN ORTHOPAEDIC SHOULDER PROSTHESIS

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.: 765280-224142

Client Reference No.: DEP6446USNP

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 nominee, 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 nominee 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 executed this assignment at _____

this _____ day of _____, 2014
(day) (month) (year)

Inventor (Signature)

Sarah Anthony
Inventor (Printed Name)

ACKNOWLEDGMENT

STATE OF _____ }
COUNTY OF _____ } SS:

Acknowledged before me, a Notary Public, within and for said County and State. Witness my hand and Notarial Seal
this _____ day of _____

Notary Public

Printed Name

My Commission Expires: _____

Resident of _____ County

Attorney Docket No.: 265280-224143
Client Reference No.: DEP6440USMP

IN WITNESS WHEREOF, I have executed this assignment at _____
(city, state)
this _____ day of _____, 2014
(day) (month) (year)

Outside the USA: _____
Witnesses are required when
acknowledgment before a Notary
Public is not feasible. _____
Witness

Inventor (Signature)

Didier Ponsot
Inventor (Printed Name)

ACKNOWLEDGMENT

STATE OF _____ }
COUNTY OF _____ } SS:

Acknowledged before me, a Notary Public, within and for said County and State. Witness my hand and Notarial Seal
this _____ day of _____

Notary Public

Printed Name

My Commission Expires: _____

Resident of _____ County

Attorney Docket No.: 265280-224142
Client Reference No.: DEP6440USNP

IN WITNESS WHEREOF, I have executed this assignment at _____
(city, state)
this _____ day of _____, 2014
(day) (month) (year)

Inventor (Signature)

David M. Warlog
Inventor (Printed Name)

ACKNOWLEDGMENT

STATE OF _____ }
COUNTY OF _____ } SS:

Acknowledged before me, a Notary Public, within and for said County and State. Witness my hand and Notarial Seal
this _____ day of _____

Notary Public

Printed Name

My Commission Expires: _____

Resident of _____ County

Attorney Docket No.: 255280-224142
Client Reference No.: DEP6440USNP

IN WITNESS WHEREOF, I have executed this assignment at _____
(city, state)
this _____ day of _____, 2014
(day) (month) (year)

Outside the USA: _____
Witnesses are required when
acknowledgment before a Notary
Public is not feasible.
Witness _____
Witness _____

Inventor (Signature)

Laurent Zarchin
Inventor (Printed Name)

ACKNOWLEDGMENT

STATE OF _____ }
COUNTY OF _____ } SS.

Acknowledged before me, a Notary Public, within and for said County and State. Witness my hand and Notarial Seal
this _____ day of _____.

Notary Public

Printed Name

My Commission Expires: _____

Resident of _____ County

Attorney Docket No.: 265280-224143
Client Reference No.: DEP6440USNP

IN WITNESS WHEREOF, I have executed this assignment at _____

(city, state)
this _____ day of _____, 2014
(day) (month) (year)

Inventor (Signature)

Chad Lawrence
Inventor (Printed Name)

ACKNOWLEDGMENT

STATE OF _____ }
COUNTY OF _____ } SS:

Acknowledged before me, a Notary Public, within and for said County and State. Witness my hand and Notarial Seal
this _____ day of _____,

Notary Public

Printed Name

My Commission Expires: _____

Resident of _____ County

Attorney Docket No.: 265280-224142
Client Reference No.: DEF6440184P

IN WITNESS WHEREOF, I have executed this assignment at _____
this _____ day of _____, 2014
(day) (month) (year)

Inventor (Signature)

Scott A. Lubensky
Inventor (Printed Name)

ACKNOWLEDGMENT

STATE OF _____
COUNTY OF _____

SS:

Acknowledged before me, a Notary Public, within and for said County and State. Witness my hand and Notarial Seal
this _____ day of _____

Notary Public

Printed Name

My Commission Expires: _____

Resident of _____ County

Attorney Docket No.: 265280-224142
Client Reference No.: DEP6440USNP

IN WITNESS WHEREOF, I have executed this assignment at _____
this _____ day of _____, 2014
(day) (month) (year)

Inventor (Signature)

Jack F. Long
Inventor (Printed Name)

ACKNOWLEDGMENT

STATE OF _____)
COUNTY OF _____) SS:

Acknowledged before me, a Notary Public, within and for said County and State. Witness my hand and Notarial Seal
this _____ day of _____.

Notary Public

Printed Name

My Commission Expires: _____

Resident of _____ County

Attorney Docket No.: 265280-224142
Client Reference No.: DEP6440USNP

IN WITNESS WHEREOF, I have executed this assignment at _____
this _____ day of _____, 2014
(day) (month) (year)

Inventor (Signature)

Joseph P. Iannuzzi
Inventor (Printed Name)

ACKNOWLEDGMENT

STATE OF _____)
COUNTY OF _____) SS:

Acknowledged before me, a Notary Public, within and for said County and State, Witness my hand and Notarial Seal
this _____ day of _____

Notary Public

Printed Name

My Commission Expires: _____

Resident of _____ County

Attorney Docket No.: 265280-224142
Client Reference No.: DEK6440USNP

IN WITNESS WHEREOF, I have executed this assignment at Lafayette, CA
this 4th day of September, 2014
(day) (month) (year)

Kirk L. Jensen
Inventor (Signature)

Kirk L. Jensen
Inventor (Printed Name)

ACKNOWLEDGMENT

STATE OF California
COUNTY OF Contra Costa ss:

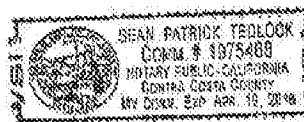
Acknowledged before me, a Notary Public, within and for said County and State. Witness my hand and Notarial Seal
this 4 day of SEPTEMBER, 2014

Sean Patrick Tedlock
Notary Public

Sean Patrick Tedlock
Printed Name

My Commission Expires: 04-19-2016

Resident of Contra Costa County



Attorney Docket No.: 201280-224143
 Client Reference No.: DEP6440USP

IN WITNESS WHEREOF, I have executed this assignment at _____
 (city, state)
 this _____ day of _____, 2014
 (day) (month) (year)

Outside the USA: _____
 Witnesses are required when
 acknowledgment before a Notary
 Public is not feasible. _____
 Witness

 Inventor (Signature)

 Anders Ekelund
 Inventor (Printed Name)

ACKNOWLEDGMENT

STATE OF _____)
) SS:
 COUNTY OF _____)

Acknowledged before me, a Notary Public, within and for said County and State. Witness my hand and Notarial Seal
 this _____ day of _____

 Notary Public

 Printed Name

My Commission Expires: _____

Resident of _____ County