

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
 Stylesheet Version v1.2

EPAS ID: PAT2852814

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
SHAWN LANGFORD	05/09/2014
RYAN C. KEEFER	05/05/2014
JONATHAN C. LEE	05/02/2014
DARREN R. BAILEY	05/05/2014
WILLIAM R. MACUMBER	05/08/2014
LISA M. MAJOR	05/05/2014
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:	29475017
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 via US Mail.</i>	
Email:	agraber@btlaw.com
Correspondent Name:	BARNES & THORNBURG LLP
Address Line 1:	11 S MERIDIAN STREET
Address Line 4:	INDIANAPOLIS, INDIANA 46204
NAME OF SUBMITTER:	JEFFREY T.G. KELSEY
SIGNATURE:	/Jeffrey T.G. Kelsey/
DATE SIGNED:	05/13/2014
Total Attachments: 21	
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ASSIGNMENT TO BUSINESS CONCERN

Attorney Docket No.: 265280-214750
Client Reference No.: DEP6360USDP

ASSIGNMENT

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

Shawn Langford
Ryan C. Keefer
Jonathan C. Lee
Darren R. Bailey
William R. Macumber
Lisa M. Major

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. 29/475,017, filed November 27, 2013, entitled

BASE TRIAL COMPONENT WITH STEM ADAPTOR

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.: 265280-214750
Client Reference No.: DEP6360USDP

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

Inventor (Signature)

Shawn Langford
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

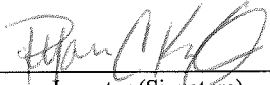
Printed Name

My Commission Expires: _____

Resident of _____ County

Attorney Docket No.: 265280-214750
Client Reference No.: DEP6360USDP

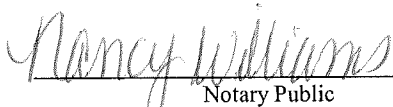
IN WITNESS WHEREOF, I have executed this assignment at Warsaw Indiana
this 5th day of May, 2014
(day) (month) (year)


Inventor (Signature)
Ryan C. Keefer
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 5th day of May, 2014.


Notary Public

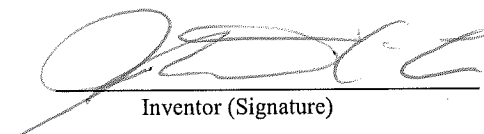
Nancy Williams
Notary Public State of Indiana
Kosciusko
My Commission Exp. June 21, 2016

My Commission Expires: _____

Resident of _____ County

Attorney Docket No.: 265280-214750
Client Reference No.: DEP6360USDP

IN WITNESS WHEREOF, I have executed this assignment at Warsaw Indiana
this 2nd day of May, 2014
(day) (month) (year)



Inventor (Signature)

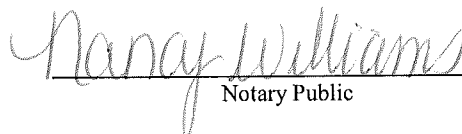
Jonathan C. Lee

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 2nd day of May, 2014.



Notary Public

Nancy Williams

Notary Public State of Indiana
Printed Name
Kosciusko County

My Commission Exp. June 21, 2016

My Commission Expires: _____

Resident of _____ County

Attorney Docket No.: 265280-214750
Client Reference No.: DEP6360USDP

IN WITNESS WHEREOF, I have executed this assignment at Warsaw Indiana
this 5th day of May, 2014.
(day) (month) (year)

Darren R. Bailey
Inventor (Signature)

Darren R. Bailey
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 5th day of May, 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.: 265280-214750
Client Reference No.: DEP6360USDP

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

Inventor (Signature)

William R. Macumber
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.: 265280-214750
Client Reference No.: DEP6360USDP

IN WITNESS WHEREOF, I have executed this assignment at Warsaw Indiana
this 5th day of May, 2014
(day) (month) (year)

Lisa M. Major
Inventor (Signature)

Lisa M. Major
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 5th day of May, 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

ASSIGNMENT TO BUSINESS CONCERN

Attorney Docket No.: 265280-214750
Client Reference No.: DEP6360USD

ASSIGNMENT

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

Shawn Langford
Ryan C. Keefer
Jonathan C. Lee
Darren R. Bailey
William R. Macumber
Lisa M. Major

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. 29/475,017, filed November 27, 2013, entitled

BASE TRIAL COMPONENT WITH STEM ADAPTOR

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.: 265280-214750
Client Reference No.: DEP6360USDP

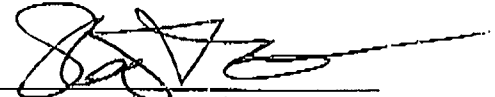
ASSIGNMENT TO BUSINESS CONCERN

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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 recodation of this document.

IN WITNESS WHEREOF, I have executed this assignment at MERRIT ISLAND, FL
this 9 day of MAY, 2014
(day) (month) (year)

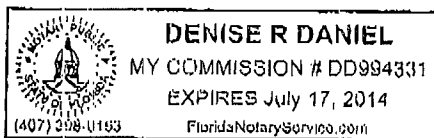

Inventor (Signature)

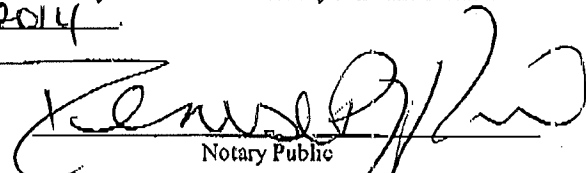
Shawn Langford
Inventor (Printed Name)

ACKNOWLEDGMENT

STATE OF Florida
COUNTY OF Brevard SS:

Acknowledged before me, a Notary Public, within and for said County and State. Witness my hand and Notarial Seal
this 9th day of May, 2014




Notary Public
Denise R. Daniel
Printed Name

My Commission Expires: 7-17-2014

Resident of Brevard County

Attorney Docket No.: 265280-214750
Client Reference No.: DEP6360USDP

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

Inventor (Signature)

Ryan C. Keefer
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.: 265280-214750
Client Reference No.: DEP6360USDP

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

Inventor (Signature)

Jonathan C. Lee
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.: 265280-214750
Client Reference No.: DEP6360USDP

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

Inventor (Signature)

Darren R. Bailey
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.: 265280-214750
Client Reference No.: DEP6360USDP

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

Inventor (Signature)

William R. Macumber
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.: 265280-214750
Client Reference No.: DEP6360USDP

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

Inventor (Signature)

Lina M. Major
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

IND802 1318182v1

May. 6. 2014 9:21AM 574-372-7596 - MFD297

No. 0297 P. 3

ASSIGNMENT TO BUSINESS CONCERN

Attorney Docket No.: 265280-214750

Client Reference No.: DEP6360USDP

ASSIGNMENT

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

Shawn Langford
Ryan C. Keefer
Jonathan C. Lee
Darren R. Bailey
William R. Macumber
Lisa M. Major

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. 29/475,017, filed November 27, 2013, entitled

BASE TRIAL COMPONENT WITH STEM ADAPTOR

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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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May. 6. 2014 9:21AM 574-372-7596 - MFD297

No. 0297 P. 4

Attorney Docket No.: 265280-214750
 Client Reference No.: DEP6360USD

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

 Inventor (Signature)

 Shawn Langford

 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

May. 6. 2014 9:22AM 574-372-7596 - MFD297

No. 0297 P. 5

Attorney Docket No.: 265280-214750

Client Reference No.: DEP6360USDP

IN WITNESS WHEREOF, I have executed this assignment at _____

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

Inventor (Signature)_____
Ryan C. Keefer_____
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

May. 6. 2014 9:22AM 574-372-7596 - MFD297

No. 0297 P. 6

Attorney Docket No.: 265280-214750

Client Reference No.: DEP6360USDP

IN WITNESS WHEREOF, I have executed this assignment at _____

this _____ day of _____ (city, state)
(day) (month) 2014
(year)_____
Inventor (Signature)_____
Jonathan C. Lee

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

May. 6. 2014 9:22AM 574-372-7596 - MFD297

No. 0297 P. 7

Attorney Docket No.: 265280-214750

Client Reference No.: DEP6360USDP

IN WITNESS WHEREOF, I have executed this assignment at _____

this _____ day of _____, 2014
(day) (month) (year)_____
Inventor (Signature)_____
Darren R. Bailey

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

May. 6. 2014 9:22AM 574-372-7596 - MFD297

No. 0297 P. 8

Attorney Docket No.: 265280-214750
 Client Reference No.: DEP6360USDP

IN WITNESS WHEREOF, I have executed this assignment at Orlando, FL
 this 8 day of May, 2014
 (day) (month) (year)

William R. MacIntosh
 Inventor (Signature)

William R. MacIntosh
 Inventor (Printed Name)

ACKNOWLEDGMENT

STATE OF Florida }
 COUNTY OF Orange } SS:

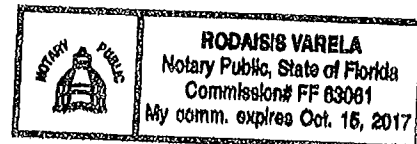
Acknowledged before me, a Notary Public, within and for said County and State. Witness my hand and Notarial Seal
 this 8th day of May, 2014.

R. Vaile
 Notary Public

Rodais Varela
 Printed Name

My Commission Expires: 10/15/17

Resident of Orange County



May. 6. 2014 9:22AM 574-372-7596 - MFD297

No. 0297 P. 9

Attorney Docket No.: 265280-214750
Client Reference No.: DEP6360USDP

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

Inventor (Signature)_____
Lisa M. Major
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