506722988 06/18/2021

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT6769806

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
RAVIPATEL	06/14/2021
DANIEL GAMACHE	05/17/2021
BRIAN H. OTRANDO	05/18/2021
TIMOTHY REPPERT	05/17/2021
MARK SHAINWALD	05/17/2021
JORDAN JACOBS	05/19/2021

RECEIVING PARTY DATA

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

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	17241296

CORRESPONDENCE DATA

Fax Number:

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

Phone: 617-542-6000

Email: taschraffa@mintz.com, csperry@mintz.com,

ipdocketingbos@mintz.com

Correspondent Name: MINTZ LEVIN

Address Line 1: ONE FINANCIAL CENTER

Address Line 4: BOSTON, MASSACHUSETTS 02111

ATTORNEY DOCKET NUMBER: 47062-559001US

NAME OF SUBMITTER: CHRISTINA SPERRY

SIGNATURE: /Christina Sperry/

DATE SIGNED: 06/18/2021

PATENT 506722988 REEL: 056584 FRAME: 0504

Total Attachments: 18
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COMBINED DECLARATION AND ASSIGNMENT

Title of Invention: KNOTLESS ANCHOR	INSERTION
This declaration and assignment is directed to:	
	The attached or filed herewith application of (list of named inventors),
or	
\boxtimes	The United States application or PCT international application Number 17/241,296 filed on April 27, 2021
Declaration	
As the below named inventor, I hereby dec	clare that:
The above-identified application ("Application")	ation") was made or authorized by me.
I believe that I am the original inventor or	an original inventor of a claimed invention or discovery in the Application.
	ents of the Application, including the claims, and I acknowledge the duty to disclose efined in Title 37, the United States Code of Federal Regulations, §1.56 for filings of
	se statement made in this declaration is punishable under 18 U.S.C. § 1001 by fine or oth for filings of this Application in the United States of America.
Assignment	DePuy Synthes Products, Inc. 325 Paramount Drive Raynham, MA 02767
(he	a corporation of Delaware reinafter designated as the "Assignee"),
	d the above-identified invention by previous assignment (attached hereto) to Assignee S Patent Office and I confirm I have and do assign and transfer:
or	
For good and valuable consideration, the assigned and transferred to Assignee:	e sufficiency of which is acknowledged, I hereby assign and transfer and/or have
the right to claim priority to the Application, all in States, European Patent Office and of all other co such inventions or discoveries and all rights in continuations thereof, and to all Letters Patent th supplementary protection certificates, reexamination	the Application, including all priority rights for other countries arising therefrom and wentions or discoveries therein disclosed, and any and all Letters Patent of the United ountries, which may be granted for such inventions or discoveries, or any of them, all such Application including any and all provisionals, substitutions, divisions, and at may be granted for said inventions and discoveries, and in and to all extensions, ons, renewals, and reissues thereof, to be held and enjoyed by Assignee for its own use for which such Letters Patent may be granted, as fully and entirely as the same would ment and sale not been made.
	Page 1 of 2

US Application No.: 17/241,296

I shall execute all papers necessary in connection with the Application in the United States Patent and Trademark Office, European Patent Office, any other patent offices, and under the Patent Cooperation Treaty, and any continuing, divisional, or reissue applications thereof, any reexamination of any of such applications, and any patent term extensions or supplementary protection certificates of any 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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I hereby (i) authorize and request the Commissioner of Patents to issue any and all Letters Patent of the United States resulting from the Application or any divisional, continuation, or reissue applications thereof, and any reexamination of any of such applications, to Assignee, and (ii) covenant that I have full right to convey the interest herein assigned, and that I have not executed, and will not execute, any agreement in conflict herewith.

I hereby grant the attorney of record the power to insert on this assignment any further identification which may be necessary or desirable in order to obtain legal recordation of this document.

LEGAL NAME OF INVENTOR

Ray Patel Report Patel Repor	/	Jun 14, 2021	
Signature	<u>-</u>	Date	

 $111328192 \mathrm{v.1}$

Page 2 of 2

PATENT

Final Audit Report 2021-06-14

Created: 2021-06-07

By: Angelina Petti (apetti@its.jnj.com)

Status: Signed

Transaction ID: CBJCHBCAABAAEDfPknGBWWgnaln9SSlqh7FmHecDRPjk

"Combined Dec and Assignment_MED6066USNP1" History

Document created by Angelina Petti (apetti@its.jnj.com)

2021-06-07 - 11:10:09 PM GMT-IP address: 71,172.109.249

Document emailed to Ravi Patel (rpatel7@its.jnj.com) for signature 2021-06-07 - 11:10:35 PM GMT

Email viewed by Ravi Patel (rpatel7@its.jnj.com)
2021-06-14 - 3:03:49 PM GMT- IP address: 199.65.1:19

Document e-signed by Ravi Patel (rpatel7@its.jnj.com)

Signature Date: 2021-06-14 - 3:04:04 PM GMT - Time Source: server- IP address: 199.65.1.19

Agreement completed.

2021-06-14 - 3:04:04 PM GMT

Johnson-Johnson

Adobe Sign

PATENT

COMBINED DECLARATION AND ASSIGNMENT

Title of Invention: KNOTLESS ANCHOR	INSERTION
This declaration and assignment is directed to:	
	The attached or filed herewith application of (list of named inventors),
or	
	The United States application or PCT international application Number 17/241,296 filed on April 27, 2021
Declaration	
As the below named inventor, I hereby dec	clare that:
The above-identified application ("Application"	ation") was made or authorized by me.
I believe that I am the original inventor or	an original inventor of a claimed invention or discovery in the Application.
	ents of the Application, including the claims, and I acknowledge the duty to disclose efined in Title 37, the United States Code of Federal Regulations, §1.56 for filings of
	se statement made in this declaration is punishable under 18 U.S.C. § 1001 by fine or th for filings of this Application in the United States of America.
Assignment	DePuy Synthes Products, Inc. 325 Paramount Drive Raynham, MA 02767
(he	a corporation of Delaware reinafter designated as the "Assignee"),
	d the above-identified invention by previous assignment (attached hereto) to Assignee S Patent Office and I confirm I have and do assign and transfer:
or	
For good and valuable consideration, th assigned and transferred to Assignee:	e sufficiency of which is acknowledged, I hereby assign and transfer and/or have
the right to claim priority to the Application, all in States, European Patent Office and of all other co such inventions or discoveries and all rights in continuations thereof, and to all Letters Patent the supplementary protection certificates, reexamination	the Application, including all priority rights for other countries arising therefrom and ventions or discoveries therein disclosed, and any and all Letters Patent of the United cuntries, which may be granted for such inventions or discoveries, or any of them, all such Application including any and all provisionals, substitutions, divisions, and at may be granted for said inventions and discoveries, and in and to all extensions, ons, renewals, and reissues thereof, to be held and enjoyed by Assignee for its own use for which such Letters Patent may be granted, as fully and entirely as the same would ment and sale not been made.
	Page 1 of 2

US Application No.: 17/241,296

I shall execute all papers necessary in connection with the Application in the United States Patent and Trademark Office, European Patent Office, any other patent offices, and under the Patent Cooperation Treaty, and any continuing, divisional, or reissue applications thereof, any reexamination of any of such applications, and any patent term extensions or supplementary protection certificates of any 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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I shall 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.

I shall 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, by the European Patent Office and in all other countries where Assignee may desire to have such inventions or discoveries, 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.

I hereby (i) authorize and request the Commissioner of Patents to issue any and all Letters Patent of the United States resulting from the Application or any divisional, continuation, or reissue applications thereof, and any reexamination of any of such applications, to Assignee, and (ii) covenant that I have full right to convey the interest herein assigned, and that I have not executed, and will not execute, any agreement in conflict herewith.

I hereby grant the attorney of record the power to insert on this assignment any further identification which may be necessary or desirable in order to obtain legal recordation of this document.

LEGAL NAME OF INVENTOR

Daniel Gamache / Damei Gamache (May 17, 2021 1929 ED1) / Signature	May 17, 2021

111328192 v.1

Final Audit Report 2021-05-17

Created: 2021-05-17

By: Angelina Petti (apetti@its.jnj.com)

Status: Signed

Transaction ID: CBJCHBCAABAA6I0W6uTM1XecNDQyJg5HmtjWuv2DXAWN

"Combined Dec and Assignment_MED6066USNP1" History

- Document created by Angelina Petti (apetti@its.jnj.com) 2021:05:17 7:24:03 PM GMT
- Document emailed to Daniel Gamache (dgamache@its.jnj.com) for signature 2021-05-17 7:24:42 PM GMT
- Email viewed by Daniel Gamache (dgamache@its.jnj.com)
 2021-05-17 7:28:52 PM GMT- IP address: 151.203.6.53
- Document e-signed by Daniel Gamache (dgamache@its.jnj.com)

 Signature Date: 2021:05-17 7:29:15 PM GMT Time Source: server- IP address: 151,203.6.53
- Agreement completed.

Johnson-Johnson

Adobe Sign

COMBINED DECLARATION AND ASSIGNMENT

Title of Invention: KNOTLESS ANCHOR	INSERTION
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or	
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Declaration	
As the below named inventor, I hereby dec	clare that:
The above-identified application ("Application"	ation") was made or authorized by me.
I believe that I am the original inventor or	an original inventor of a claimed invention or discovery in the Application.
	ents of the Application, including the claims, and I acknowledge the duty to disclose efined in Title 37, the United States Code of Federal Regulations, §1.56 for filings of
	se statement made in this declaration is punishable under 18 U.S.C. § 1001 by fine or th for filings of this Application in the United States of America.
Assignment	DePuy Synthes Products, Inc. 325 Paramount Drive Raynham, MA 02767
(he	a corporation of Delaware reinafter designated as the "Assignee"),
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For good and valuable consideration, th assigned and transferred to Assignee:	e sufficiency of which is acknowledged, I hereby assign and transfer and/or have
the right to claim priority to the Application, all in States, European Patent Office and of all other co such inventions or discoveries and all rights in continuations thereof, and to all Letters Patent the supplementary protection certificates, reexamination	the Application, including all priority rights for other countries arising therefrom and ventions or discoveries therein disclosed, and any and all Letters Patent of the United cuntries, which may be granted for such inventions or discoveries, or any of them, all such Application including any and all provisionals, substitutions, divisions, and at may be granted for said inventions and discoveries, and in and to all extensions, ons, renewals, and reissues thereof, to be held and enjoyed by Assignee for its own use for which such Letters Patent may be granted, as fully and entirely as the same would ment and sale not been made.
	Page 1 of 2

US Application No.: 17/241,296

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111328192 v.1

LEGAL NAME OF INVENTOR

Final Audit Report 2021-05-18

Created: 202:1-05-17

By: Angelina Petti (apetti@its.jnj.com)

Status: Signed

Transaction ID: CBJCHBCAABAASM7PFlyxsvrllFn21dwueb9wEy1SFysR

"Combined Dec and Assignment_MED6066USNP1" History

- Document created by Angelina Petti (apetti@its.jnj.com)
 2021-05-17 7:24:03 PM GMT
- Document emailed to Brian H. Otrando (botrando@its.jnj.com) for signature 2021-05-17 -7:24:42 PM GMT
- Email viewed by Brian H. Otrando (botrando@its.jnj.com) 2021-05-18 12:07:39 PM GMT- IP address: 173.69.56.101
- Document e-signed by Brian H. Otrando (botrando@its.jnj.com)

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- Agreement completed.
 2021-05-18 12:07:59 PM GMT

Johnson-Johnson

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COMBINED DECLARATION AND ASSIGNMENT

Title of Invention: KNOTLESS ANCHOR	INSERTION
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\boxtimes	The United States application or PCT international application Number 17/241,296 filed on April 27, 2021
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	Page 1 of 2

US Application No.: 17/241,296

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Timothy Reppert (May 17, 2021

 $111328192 \mathrm{v.1}$

Signature

LEGAL NAME OF INVENTOR

Final Audit Report 2021-05-17

Created: 2021-05-17

By: Angelina Petti (apetti@its.jnj.com)

Status: Signed

Transaction ID: CBJCHBCAABAAr1JMfnTck68kuR_3whgNJ8GczDfq_Myz

"Combined Dec and Assignment_MED6066USNP1" History

- Document created by Angelina Petti (apetti@its.jnj.com) 2021:05:17 7:24:03 PM GMT
- Document emailed to Timothy Reppert (treppert@its:jnj.com) for signature 2021:05-17 7:24:42 PM GMT
- Email viewed by Timothy Reppert (treppert@its.jnj.com)
 2021-05-17 9:05:57 PM GMT- IP address: 73.141.50.74
- Document e-signed by Timothy Reppert (treppert@its.jnj.com)

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- Agreement completed. 2021-05-17 + 9:06:07 PM GMT

Johnson-Johnson

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COMBINED DECLARATION AND ASSIGNMENT

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	Page 1 of 2

US Application No.: 17/241,296

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Mark Shainwald May 17, 2021

Signature

LEGAL NAME OF INVENTOR

Date

111328192 v.1

Page 2 of 2

PATENT

Final Audit Report 2021-05-17

Created: 2021-05-17

By: Angelina Petti (apetti@its.jnj.com)

Status: Signed

Transaction ID: CBJCHBCAABAA7irEoW5gBix9uZ_o9bQ6YR9-4HitJU1r

"Combined Dec and Assignment_MED6066USNP1" History

- Document created by Angelina Petti (apetti@its.jnj.com)
 2021-05-17 7:24:03 PM GMT
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- Email viewed by Mark Shainwald (mshainwa@its.jnj.com)
 2021-05-17 7:26:29 PM GMT- IP address: 71.192.75.183
- Document e-signed by Mark Shainwald (mshainwa@its.jnj.com)
 Signature Date: 2021-05-17 7:26:46 PM GMT Time Source: server- IP address: 71:192.75.183
- Agreement completed. 2021-05-17 - 7:26:46 PM GMT

Johnson-Johnson

Adobe Sign

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I believe that I am the original inventor or an original inventor of a claimed invention or discovery in the Application.		
I have reviewed and understood the contents of the Application, including the claims, and I acknowledge the duty to disclose information which is material to patentability as defined in Title 37, the United States Code of Federal Regulations, §1.56 for filings of this Application in the United States of America.		
	se statement made in this declaration is punishable under 18 U.S.C. § 1001 by fine or th for filings of this Application in the United States of America.	
Assignment		
DePuy Synthes Products, Inc. 325 Paramount Drive Raynham, MA 02767		
a corporation of Delaware (hereinafter designated as the "Assignee"),		
I hereby acknowledge that I have assigned the above-identified invention by previous assignment (attached hereto) to Assignee which is hereby conformed for recordation in the US Patent Office and I confirm I have and do assign and transfer:		
or		
For good and valuable consideration, th assigned and transferred to Assignee:	e sufficiency of which is acknowledged, I hereby assign and transfer and/or have	
the right to claim priority to the Application, all in States, European Patent Office and of all other co such inventions or discoveries and all rights in continuations thereof, and to all Letters Patent the supplementary protection certificates, reexamination	the Application, including all priority rights for other countries arising therefrom and ventions or discoveries therein disclosed, and any and all Letters Patent of the United cuntries, which may be granted for such inventions or discoveries, or any of them, all such Application including any and all provisionals, substitutions, divisions, and at may be granted for said inventions and discoveries, and in and to all extensions, ons, renewals, and reissues thereof, to be held and enjoyed by Assignee for its own use for which such Letters Patent may be granted, as fully and entirely as the same would ment and sale not been made.	
Page 1 of 2		

US Application No.: 17/241,296

I shall execute all papers necessary in connection with the Application in the United States Patent and Trademark Office, European Patent Office, any other patent offices, and under the Patent Cooperation Treaty, and any continuing, divisional, or reissue applications thereof, any reexamination of any of such applications, and any patent term extensions or supplementary protection certificates of any such applications and also to execute separate assignments in connection with such applications as the Assignee may deem necessary or expedient.

I shall execute all papers necessary in connection with any litigation or any other judicial proceeding in the United States or other country, or any administrative proceeding in the United States Patent and Trademark Office, European Patent Office, any other patent office, or under the Patent Cooperation Treaty concerning the Application(s) or any continuation, divisional, or reissue applications thereof, or any reexamination of any such applications, or any Letters Patent issued therefrom or any patent term extensions or supplementary protection certificates of any such applications and to cooperate with the Assignee in every way possible in obtaining evidence and going forward with such litigation or proceeding.

I shall 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.

I shall 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, by the European Patent Office and in all other countries where Assignee may desire to have such inventions or discoveries, 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.

I hereby (i) authorize and request the Commissioner of Patents to issue any and all Letters Patent of the United States resulting from the Application or any divisional, continuation, or reissue applications thereof, and any reexamination of any of such applications, to Assignee, and (ii) covenant that I have full right to convey the interest herein assigned, and that I have not executed, and will not execute, any agreement in conflict herewith.

I hereby grant the attorney of record the power to insert on this assignment any further identification which may be necessary or desirable in order to obtain legal recordation of this document.

LEGAL NAME OF INVENTOR

Jordan Jacobs Jurdan Jacobs (May 19, 2021 07, 24807)	May 19, 2021
Signature	Date

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Angelina Petti (apetti@its.jnj.com) Ву:

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