505849721 01/07/2020

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT5896658

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
NILS SCHMUCKLI	05/22/2019
STEFAN GISLER	05/22/2019
MARKUS HERMANN	05/22/2019
ROBERT GOOSSEN	05/24/2019
MARTIN MUENCH	05/25/2019

RECEIVING PARTY DATA

Name:	SYNTHES GMBH
Street Address:	EIMATTSTRASSE 3
City:	OBERDORF
State/Country:	SWITZERLAND
Postal Code:	CH 4436

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	16305994

CORRESPONDENCE DATA

Fax Number: (732)524-2808

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: 7325242759

Email: jnjuspatent@corus.jnj.com

Correspondent Name: JOSEPH F. SHIRTZ
Address Line 1: JOHNSON & JOHNSON

Address Line 2: ONE JOHNSON & JOHNSON PLAZA

Address Line 4: NEW BRUNSWICK, NEW JERSEY 08933

ATTORNEY DOCKET NUMBER:	MIT5258USPCT
NAME OF SUBMITTER:	ANGELINA PETTI
SIGNATURE:	/Angelina Petti/
DATE SIGNED:	01/07/2020
	This document serves as an Oath/Declaration (37 CFR 1.63).

PATENT REEL: 051430 FRAME: 0935

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Total Attachments: 10 source=CombinedDecAssign#page1.tif source=CombinedDecAssign#page3.tif source=CombinedDecAssign#page4.tif source=CombinedDecAssign#page5.tif source=CombinedDecAssign#page6.tif source=CombinedDecAssign#page7.tif source=CombinedDecAssign#page8.tif source=CombinedDecAssign#page8.tif source=CombinedDecAssign#page9.tif source=CombinedDecAssign#page9.tif

Attorney	Docket No.:	MIT52581	ISPC

Title of Invention: <u>SAW GEAR SE</u> This declaration and assignment is directed t	o:
	The attached or filed herewith application of (list of named inventors) , or
	The United States application or PCT international application number 16/305,994 filed on November 30, 2018.
Declaration	
As the below named inventor, I her	eby declare that;
The above-identified application ("	Application") was made or authorized by me.
I believe that I am the original inve	ntor or an original inventor of a claimed invention or discovery in the Application.
	ne contents of the Application, including the claims, and I acknowledge the duty to disclose y as defined in Title 37, the United States Code of Federal Regulations, §1.56 for filings of this
	Iful false statement made in this declaration is punishable under 18 U.S.C. § 1001 by fine or s, or both for filings of this Application in the United States of America.
Assignment	
	Synthes GmbH
	Eimattstrasse 3, Oberdorf, CH 4436
į.	A corporation of the state or country of Switzerland (hereinafter designated as the "Assignee"),
	assigned the above-identified invention by previous assignment (attached hereto) to Assignee in the US Patent Office and I confirm I have and do assign and transfer:
or:	
For good and valuable consideration and transferred to Assignee:	in, the sufficiency of which is acknowledged, I hereby assign and transfer and/or have assigned
right to claim priority to the Application, all European Patent Office and of all other co- inventions or discoveries and all rights in s thereof, and to all Letters Patent that may protection certificates, reexaminations, rene	under the Application, including all priority rights for other countries arising therefrom and the inventions or discoveries therein disclosed, and any and all Letters Patent of the United States, puntries, which may be granted for such inventions or discoveries, or any of them, all such uch Application including any and all provisionals, substitutions, divisions, and continuations be granted for said inventions and discoveries, and in and to all extensions, supplementary awals, and reissues thereof, to be held and enjoyed by Assignee for its own use and enjoyment the such Letters Patent may be granted, as fully and entirely as the same would have been held I sale not been made.
Office, any other patent offices, and under any reexamination of any of such applica	ection with the Application in the United States Patent and Trademark Office, European Patent the Patent Cooperation Treaty, and any continuing, divisional, or reissue applications thereof, tions, and any patent term extensions or supplementary protection certificates of any such assignments in connection with such applications as the Assignee may deem necessary or
	• 1

Attorney Docket No.: MIT5258USPCT

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 Assignce, 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: NILS SCHMUCKLI	
1/2UUUU	22. Hay 2019
Signature	Date

		cket			

Title of Invention: SAW GEAR SET
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 <u>16/305.994</u> filed on <u>November 30, 2018</u> .
Declaration
As the below named inventor, I hereby declare that:
The above-identified application ("Application") 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.
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 Pederal Regulations, §1.56 for filings of this Application in the United States of America.
I hereby acknowledge that any willful false statement made in this declaration is punishable under 18 U.S.C. § 1001 by fine or imprisonment of not more than five (5) years, or both for filings of this Application in the United States of America.
Assignment
Synthes GmbH Eimattstrasse 3, Oberdorf, CH 4436 A corporation of the state or country of <u>Switzerland</u> (hereinafler 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:
For good and valuable consideration, the sufficiency of which is acknowledged, I hereby assign and transfer and/or have assigned and transferred to Assignee:
my entire right, title, and interest in, to, and under the Application, including all priority rights for other countries arising therefrom and the right to claim priority to the Application, all inventions or discoveries therein disclosed, and any and all Letters Patent of the United States, European Patent Office and of all other countries, which may be granted for such inventions or discoveries, or any of them, all such inventions or discoveries and all rights in such Application including any and all provisionals, substitutions, divisions, and continuations thereof, and to all Letters Patent that may be granted for said inventions and discoveries, and in and to all extensions, supplementary protection certificates, reexaminations, renewals, and reissues thereof, 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 me had this assignment and sale not been made.
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.

Attorney Dockei No.: MIT5258USPCT

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: STEFAN GISLER	
	70 m 19
Signature	Date

				SSUSPC:	

COMBUSED OF CEVICALION WAS DEVIABLED.
Title of Invention: SAW GEAR SET
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 16/305,994 filed on November 30, 2018.
Declaration
As the below named inventor, I hereby declare that:
The above-identified application ("Application") 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.
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.
I hereby acknowledge that any willful false statement made in this declaration is punishable under 18 U.S.C. § 1001 by fine or imprisonment of not more than five (5) years, or both for filings of this. Application in the United States of America.
Assignment
Synthes GmbH Eimattstrasse 3, Oberdorf, CH 4436
A corporation of the state or country of <u>Switzerland</u> (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, the sufficiency of which is acknowledged, I hereby assign and transfer and/or have assigned and transferred to Assignee:
my entire right, title, and interest in, to, and under the Application, including all priority rights for other countries arising therefrom and the right to claim priority to the Application, all inventions or discoveries therein disclosed, and any and all Letters Patent of the United States, European Patent Office and of all other countries, which may be granted for such inventions or discoveries, or any of them, all such inventions or discoveries and all rights in such Application including any and all provisionals, substitutions, divisions, and continuations thereof, and to all Letters Patent that may be granted for said inventions and discoveries, and in and to all extensions, supplementary protection certificates, reexaminations, renewals, and reissues thereof, 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 me had this assignment and sale not been made.
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.
. The state of the

Attorney Docket No.: MITS258USPCT

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 Leiters 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 Assigned, 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.

Unersby 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: MARKUS HERMANN

Siccence

2244 of 1724 2019 Date

	Aitorney Docket No.: MIT5258USPCT			
COMBINED DECLARATION AND ASSIGNMENT				
Title of Invention: <u>SAW GEAR SET</u> This declaration and assignment is directed to:	The attached or filed herewith application of (list of named inventors),			
OF STA				
₩	The United States application or PCT international application number 16/305,994 filed on November 30, 2018.			
Declaration				
As the below named inventor, I hereby de	clare that:			
The above-identified application ("Applic	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.			
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Assignment				
A corps (he	Synthes GmbH Eimattstrasse 3, Oberdorf, CH 4436 pration of the state or country of <u>Switzerland</u> pretinater designated as the "Assignee"),			
☐ I hereby acknowledge that I have assigned which is hereby conformed for recordation in the I	at the above-identified invention by previous assignment (attached hereto) to Assignee IS Patent Office and I confirm I have and do assign and transfer:			
or				
For good and valuable consideration, the sand transferred to Assignee:	sufficiency of which is acknowledged, I hereby assign and transfer and/or have assigned			
right to claim priority to the Application, all invent European Patent Office and of all other countries inventions or discoveries and all rights in such Ap thereof, and to all Letters Patent that may be gra protection certificates, reexaminations, renewals, a	the Application, including all priority rights for other countries arising therefrom and the ions or discoveries therein disclosed, and any and all Letters Patent of the United States, s, which may be granted for such inventions or discoveries, or any of them, all such uplication including any and all provisionals, substitutions, divisions, and continuations at the for said inventions and discoveries, and in and to all extensions, supplementary and reissues thereof, to be held and enjoyed by Assignee for its own use and enjoyment Letters Patent may be granted, as fully and entirely as the same would have been held of been made.			
Office, any other patent offices, and under the Pat any reexamination of any of such applications, a	with the Application in the United States Patent and Trademark Office, European Patent ent Cooperation Treaty, and any continuing, divisional, or reissue applications thereof, and any patent term extensions or supplementary protection certificates of any such nents in connection with such applications as the Assignee may deem necessary or			

1

Attorney Docket No.: MITS258USPCT

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.

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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.

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LEGAL NAME OF INVENTOR: ROBERT GOOSSEN

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Dischar No.	

Title of Invention: <u>SAW GEAR SET</u> This declaration and assignment is directed to:	
Ü nr	The attached or tital herewith application of (list of named inventors)
**	The United States application of PCT international application manhor 16/305.994 find on November 30, 2018.
Declaration	
As the belian named inventor, Higreby (declare than
The above identified application ("Appl	iication") was made or authorized by me
	or an original inventor of a elaimed invention or discovery in the Applicaness
those reviewed and understand the co	ntents of the Application, including the claims, and I acknowledge the duty to disclose
I hereby acknowledge that one willful to imprisonment of non-more than five (S) years, or l	also statement made in this declaration is publishable under 18 U.S.C. § 1001 by fine or both for fillings of this Application in the United States of America.
Assignment	
A 1114 H	Synthus Christi Emparismasse 3, Oberdorf, CH 4446 poration of the state or country of <u>Syntherland</u> pereinafter designated as the "Assignee").
I have by acknowledge that I have ossign viscus hereby conformed for recordation in the	ned the absect-identified invention by previous assignment ratherized heretor to Assignee. US Palent Office and Leonfren Dave and do assign and transfer:
ŧ.	
E For good and valuable consideration, a seigned and transferred to Assignee:	the sufficiency of which is acknowledged. I bendiy assign and transfer and on have
A commission priority to the Application, all industry the supplications of discussions and all rights in the interest and all rights in the interest and all rights in the interest and to all Letters Pajent to interest and the	If the Application, including all princity rights for inher commises arising therefrom and inventions or discoveries therein disclosed, and any and all Letters Patent of the United commises, which may be granted for such inventions or discoveries, as any of them, all is such Application including any and all provisionals, substitutions, divisional, and hat may be granted for said inventions and discoveries, and in and to all extensions, tons, renewals, and raissons thereof, to be held and enjoyed by Assigney for its own uses for which such Latters Patent may be granted, as fully and entirely as the same would intent and sale not been made.
by 120880000000000000000000000000000000000	with the Application in the United States Patent and Trademark Office. European Patent for Conferration Tradey, and the communing disastent, or relies a applications thereof and my patent term extensions or supplicationary protection conflicates of my costs ments in commercian with such applications as the Assigna, may deem necessary or
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Attenney Docker May MITTERSUSPICT

I shall execute all papers necessary in connection with any literation or any other pudicus proceeding in the United States or other contists, or any administrative proceeding in the United States Potent and Trademonk Office, European Pinent Office, sny other patent office, or under the Patent Cooperation Treaty concerning the Applications) or any continuous. Its inhaud, or revision applications thereof, its any reestimation of any such applications, or any Latters Patent issued therefrom or any patent term extratasms or supplications proceeding and to cooperate with the Assignee in every way prescribe in obtaining exclusive and going forward with such litigation or proceeding.

I shall execute all papers and documents and perform any act which may be necessary in contaction with claims or provisions of the Informational 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 destrable to seeme the grant of Louers Patent to Assigned or its nonlinees, in the United States, by the European Patent Office and in all other consisties where Assigned may desire to layer such inventions or discoveries, or any of them, patented, with specifications and claims in such form as shall be approved by Assigned and to vest and gentlins in Assigned or its nominees the full and complete legal and equitable title to all such Letters Patent

Universely (i) anthorize and respect the Commissioner of Paterns to issue any and all Letters Patern of the United States resolving from the Application or any divisional, continuation, or revisite applications, thereof, and any recommunities of any of such applications, to any accommunities that I have full right to convey the interest fratern assigned, and that I have not exactined, and will not execute, any agreement in conflict between.

I hereby grant the atturney 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. MARTIN MUENCH

Signature - M. June 2

25. May . 2013

33.,,..