504527205 08/30/2017

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT4573911

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
SCOTT LARSEN	07/12/2017
ROSS HAMEL	06/26/2017
GLEN PIERSON	06/23/2017
GEORGE MIKHAIL	06/26/2017

RECEIVING PARTY DATA

Name:	SYNTHES USA PRODUCTS, LLC
Street Address:	1302 WRIGHTS LANE EAST
City:	WEST CHESTER
State/Country:	PENNSYLVANIA
Postal Code:	19380

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	15617864

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.

Email: akhikmat@fkmiplaw.com

Correspondent Name: FAY KAPLUN & MARCIN, LLP
Address Line 1: 150 BROADWAY, SUITE 702
Address Line 4: NEW YORK, NEW YORK 10038

ATTORNEY DOCKET NUMBER:	10139/31904
NAME OF SUBMITTER:	OLEG F. KAPLUN
SIGNATURE:	/Oleg F. Kaplun/
DATE SIGNED:	08/30/2017

Total Attachments: 8

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COMBINED DECLARATION AND ASSIGNMENT		
Title of Invention: BONE GRAFT CAG	ŀΕ	
This declaration and assignment is directed to	:o:	The attached or filed herewith application of (list of named inventors),
	or	
Declaration		The United States application or PCT international application number 15/617,864 filed on JUNE 8, 2017.
As the below named inventor, I here	ahv dack	are that:
		ion") was made or authorized by me.
		n original inventor of a claimed invention or discovery in the Application.
I have reviewed and understood th information which is material to patentabilit this Application in the United States of Ame	y as def	ts of the Application, including the claims, and I acknowledge the duty to disclose ined in Title 37, the United States Code of Federal Regulations, §1.56 for filings of
I hereby acknowledge that any will imprisonment of not more than five (5) years	ful false , or both	statement made in this declaration is punishable under 18 U.S.C. \S 1001 by fine or for filings of this Application in the United States of America.
Assignment		Synthes USA Products, LLC. 1302 Wrights Lane East West Chester, PA 19380 orporation of the state of Delaware nafter designated as the "Assignee"),
I hereby acknowledge that I have as which is hereby conformed for recordation in	ssigned to	the above-identified invention by previous assignment (attached hereto) to Assignee Patent Office and I confirm I have and do assign and transfer:
or		
For good and valuable considerati assigned and transferred to Assignee:	on, the	sufficiency of which is acknowledged, I hereby assign and transfer and/or have
the right to claim priority to the Application, States, European Patent Office and of all ot such inventions or discoveries and all right continuations thereof, and to all Letters Pat supplementary protection certificates, reexample.	all invented her counts in summer that ainations terms for	e Application, including all priority rights for other countries arising therefrom and ntions or discoveries therein disclosed, and any and all Letters Patent of the United stries, which may be granted for such inventions or discoveries, or any of them, all ach Application including any and all provisionals, substitutions, divisions, and may be granted for said inventions and discoveries, and in and to all extensions, renewals, and reissues thereof, to be held and enjoyed by Assignee for its own use which such Letters Patent may be granted, as fully and entirely as the same would not and sale not been made.
Office, any other patent offices, and under the uny reexamination of any of such application	e Patent ons, and	the Application in the United States Patent and Trademark Office, European Patent Cooperation Treaty, and any continuing, divisional, or reissue applications thereof, any patent term extensions or supplementary protection certificates of any such its in connection with such applications as the Assignee may deem necessary or
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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: SCOTT LARSEN

7/12/17

Date

COMBINED DECLARATION AND ASSIGNMENT		
Title of Invention: BONE GRAFT CAG	E	
This declaration and assignment is directed t	o: 	The attached or filed herewith application of (list of named inventors),
	or	
	\boxtimes	The United States application or PCT international application number 15/617,864 filed on JUNE 8, 2017.
Declaration		
As the below named inventor, I here	eby decla	are that:
The above-identified application ("A	Applicat	on") was made or authorized by me.
I believe that I am the original inver	ntor or a	n 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.		
		statement made in this declaration is punishable under 18 U.S.C. \S 1001 by fine or for filings of this Application in the United States of America.
Assignment		Synthes USA Products, LLC. 1302 Wrights Lane East West Chester, PA 19380 corporation of the state of Delaware inafter designated as the "Assignee"),
		the above-identified invention by previous assignment (attached hereto) to Assignee Patent Office and I confirm I have and do assign and transfer:
or		
For good and valuable considerati assigned and transferred to Assignee:	on, the	sufficiency of which is acknowledged, I hereby assign and transfer and/or have
the right to claim priority to the Application, States, European Patent Office and of all of such inventions or discoveries and all righ continuations thereof, and to all Letters Pat supplementary protection certificates, reexan	all investince and investing the second that in ations terms for all investing the second in ations are all in ations.	the Application, including all priority rights for other countries arising therefrom and entions or discoveries therein disclosed, and any and all Letters Patent of the United ntries, which may be granted for such inventions or discoveries, or any of them, all such Application including any and all provisionals, substitutions, divisions, and may be granted for said inventions and discoveries, and in and to all extensions, renewals, and reissues thereof, to be held and enjoyed by Assignee for its own use r which such Letters Patent may be granted, as fully and entirely as the same would not and sale not been made.
Office, any other patent offices, and under that any reexamination of any of such applications.	ne Patent ons, and	the Application in the United States Patent and Trademark Office, European Patent Cooperation Treaty, and any continuing, divisional, or reissue applications thereof, any patent term extensions or supplementary protection certificates of any such its in connection with such applications as the Assignee may deem necessary or

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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: ROSS HAMEL	
- Freshamil	June 26 2017
Signature	Date

COMBINED DECLARATION AND ASSIGNMENT		
Title of Invention: BONE GRAFT CAGE		
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>15/617,864</u> filed on <u>JUNE 8, 2017</u> .	
As the below named inventor, I hereby deci		
The above-identified application ("Applicat	ion") was made or authorized by me.	
I believe that I am the original inventor or a	n original inventor of a claimed invention or discovery in the Application.	
I have reviewed and understood the content information which is material to patentability as details Application in the United States of America.	nts of the Application, including the claims, and I acknowledge the duty to disclose fined in Title 37, the United States Code of Federal Regulations, §1.56 for filings of	
I hereby acknowledge that any willful false imprisonment of not more than five (5) years, or both	e statement made in this declaration is punishable under 18 U.S.C. § 1001 by fine or a for filings of this Application in the United States of America.	
Assignment		
	Synthes USA Products, LLC. 1302 Wrights Lane East West Chester, PA 19380 corporation of the state of Delaware inafter designated as the "Assignee"),	
I hereby acknowledge that I have assigned which is hereby conformed for recordation in the US	the above-identified invention by previous assignment (attached hereto) to Assignee Patent Office and I confirm I have and do assign and transfer:	
or		
For good and valuable consideration, the assigned and transferred to Assignee:	sufficiency of which is acknowledged, I hereby assign and transfer and/or have	
the right to claim priority to the Application, all involves the suropean Patent Office and of all other countries. European Patent Office and all rights in such inventions or discoveries and all rights in such inventions thereof, and to all Letters Patent that supplementary protection certificates, reexaminations.	he Application, including all priority rights for other countries arising therefrom and entions or discoveries therein disclosed, and any and all Letters Patent of the United ntries, which may be granted for such inventions or discoveries, or any of them, all uch Application including any and all provisionals, substitutions, divisions, and may be granted for said inventions and discoveries, and in and to all extensions, s, renewals, and reissues thereof, to be held and enjoyed by Assignee for its own use or which such Letters Patent may be granted, as fully and entirely as the same would ent and sale not been made.	
Office, any other patent offices, and under the Paten any reexamination of any of such applications, and	th the Application in the United States Patent and Trademark Office, European Patent to Cooperation Treaty, and any continuing, divisional, or reissue applications thereof, if any patent term extensions or supplementary protection certificates of any such that in connection with such applications as the Assignee may deem necessary or	
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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: GLEN PIERSON	6/23/2017
Signature	Date /

COMBINED DECLARATION AND ASSIGNMENT		
Title of Invention: BONE GRAFT CAGE		
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 15/617,864 filed on JUNE 8, 2017.	
Declaration		
As the below named inventor, I hereby decl	are that:	
The above-identified application ("Applicat	ion") was made or authorized by me.	
I believe that I am the original inventor or a	n original inventor of a claimed invention or discovery in the Application.	
	ats of the Application, including the claims, and I acknowledge the duty to disclose fined in Title 37, the United States Code of Federal Regulations, §1.56 for filings of	
	statement made in this declaration is punishable under 18 U.S.C. § 1001 by fine or for filings of this Application in the United States of America.	
Assignment		
	Synthes USA Products, LLC. 1302 Wrights Lane East	
	West Chester, PA 19380 corporation of the state of Delaware	
(here	inafter designated as the "Assignee"),	
	the above-identified invention by previous assignment (attached hereto) to Assignee Patent Office and I confirm I have and do assign and transfer:	
or		
For good and valuable consideration, the assigned and transferred to Assignee:	sufficiency of which is acknowledged, I hereby assign and transfer and/or have	
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.		
Office, any other patent offices, and under the Patent any reexamination of any of such applications, and	th the Application in the United States Patent and Trademark Office, European Patent to Cooperation Treaty, and any continuing, divisional, or reissue applications thereof, any patent term extensions or supplementary protection certificates of any such ants in connection with such applications as the Assignee may deem necessary or	
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PATENT

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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 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: GEORGE MI	KHAIL
	6/26/17
Signature	Date