504195543 01/25/2017

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT4242218

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
BRYAN PATRICK HOWARD	01/08/2010
CHAD LEWIS	01/07/2010
DANIEL F. JUSTIN	07/12/2010
M. MARY SINNOTT	07/12/2010

RECEIVING PARTY DATA

Name:	HOWMEDICA OSTEONICS CORP.
Street Address:	325 CORPORATE DRIVE
City:	MAHWAH
State/Country:	NEW JERSEY
Postal Code:	07430

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	15371914

CORRESPONDENCE DATA

Fax Number: (908)654-0415

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: (908) 518-6349

Email: assignment@lernerdavid.com

Correspondent Name: LERNER, DAVID, LITTENBERG, KRUMHOLZ & MENTLIK, LLP

Address Line 1: 600 SOUTH AVENUE WEST

Address Line 4: WESTFIELD, NEW JERSEY 07090

ATTORNEY DOCKET NUMBER:	SYKSM 3.0-747 CIP CON CON	
NAME OF SUBMITTER:	MELINDA C. CORMIER	
SIGNATURE:	/Melinda C. Cormier/	
DATE SIGNED:	01/25/2017	

Total Attachments: 4

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PATENT 504195543 REEL: 041079 FRAME: 0962

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A COLORISATION OF LITTUITY A SOLICATION	Docket Number (Optional)
ASSIGNMENT OF UTILITY APPLICATION	OSTEONICS 3.0-747
war C. Brunn Datrieb Haward	of
Whereas, t. Bryan Patrick Howard 1548 Quail Way: Logan, Utah 84321	11 11 11 11 11 11 11 11 11 11 11 11 11
hereafter referred to as assignor, have with others invented	certain new and useful incorovements in
SUTURE ANCHOR IMPLANTATION INSTRUME	
X for which an application for a United States Letters	
b,	a Paterit was med on
Application Number 12/460,310 for which an application for a United States Letters	Datast was executed by the on
and	material value discounting by man out
and	
Whereas, Howmedica Osteonics Corp.	
a corporation of New Jersey herein reterred to as "assigno	
325 Corporate Drive: Mahwah, New Jersey (1743) is desirous of acquiring the entire right, title and interest in t	
NOW, THEREFORE, in consideration of the sum of <u>one</u>	dollars (5 ± 00). The receipt whereof ion, I as assignor hereby sell, assign and set over to said
assumes my regise night title and interest for the United	States of America and all other countries in and to said.
lovention and the aforesoid ubity patent application and	f all original, divisional, confinuation, continuation-in-part,
other countries, for solid invention, including without limital	or granted therefor in the United States of America and all ion all applications and patents for said invention claiming
priority or benefit of the atoresaid offlity application pursua	nt to any law or treaty, and including the right to claim such.
priority or benefit and the Commissioner of Patents and T	rademarks is hereby authorized and requested to issue all said assignce herein, as assignce of the entire interest
therein; and the undersigned for me and my legal represe	ntatives, heirs and assigns do hereby agree and covenant.
without further remandration, to execute and deliver all original tests after the property on said improvements and all assignments.	final, divisional, continuation, reissue and other applications ats thereof to said assignee or its assigns, to communicate
I to east assigned as us representatives at facts known to	the understance respecting said improvements, whenever
monosted to testify is any interferences or other legal pro-	poceedings in which any of said applications or patents may ful paths, and to do generally overything necessary to aid
assigned its successors, assigns and nominees to obtain	patent protection for said improvements in all countries, the
expenses incident to said applications to be borne and paid	by said assignee
And I do hereby authorize my atterneys to insert on this de	ed the filing date and application number of said application
when known	. /
775/9677	Burren L. St. ann a 25
(Date)	B-241-19 1 1 201-4-19 (Signature)
(Date)	(0)/4/100000 (
State of Land) SS: County of Cache)	
1	
On this day of January . Zalo	before me personally came the above-named Bryan
Patrick Howard, to me personally known as the i	ndividual who executed the foregoing instrument, who error his/her own free will for the puliposes therein set forth.
1	TOTAL MATERIAL PROPERTY
Kacce Haven	FERRENCE PROPERTY PUBLIC + STATE OF STA
(Notary Public)	NATION EXPANSES IN BASES
	1005 COMM. EXP. 35/45/2019
X TOTAL O TOTALS are standards.	
10 5 %	

Whereas, I. Chad Lewis	The state of the s	Docket Number (Optional)
Whereas, I, Chad Lewis 2573 N, 2600 E, Layton, Urah 84040 hereafter referred to as assignor, have with others invented certain new and useful improvements in SUTURE ANCHOR IMPLANTATION INSTRUMENTATION SYSTEM If or which an application for a United States Lutters Patent was filed on July 16, 2009 Application Number 12/460 310 If or which an application for a United States Lutters Patent was executed by me on and Whereas, Howmedica Osteonics Corp a corporation of New Jersey herein referred to ac "assignee" whose mailing address is 325 Corporate Drive. Mahvath, New Jersey 97430 is destinous of acquiring the entire right, title and interest in the same: NOW, THEREFORE, in consideration of the sum of give deliars (\$ 1,00), the receipt where is acknowledged, and other good and valuable consideration, I as assignor hereby aell, assign and set over to sa assignoe my entire right, title and interest for the United States of America and all other countinus in and to assign where it is administration and the afterward utility patent application and all original, divisioned, continuation continuation continuation continuation continuation continuation of improvements or recuting where it administration all applications and persons for said invention claimic principle without institute or reissue applications and patents on said improvements or recuting thereform to said assignee herein, as accipated the eight to claim principly or benefit and the Commissioner of Patents and Tadebrants is thereby authorized and required to its successful interests or recuting thereform to said assignee herein, as accipated to its successful, to execute and deliver all original, divisions, continuation continuation of a patents on as disriper reminents or recuting thereform to said assignee herein, as accipated of the entire interest therein, and the understigned for me and my legal representatives, heirs and assigned on its against of the adversage of the representative at lifetile known to the addressing of expecting said improvement	ASSIGNMENT OF UTILITY APPLICATION	
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Whereas, Howmedica Osteonics Corp. a corporation of New Jersey herein referred to as "assignee" whose mailing address is 358 Corporate Drive, Mahwah, New Jersey 17430 is destinous of acquiring the entire right, title and interest in the same; NOW, THEREFORE, in consideration of the sum of gue deltars (\$ 1.00), the receipt where is acknowledged, and other good and valuable consideration, it as assignor hereby sell, assign and set over to sa assignor my entire right, title and interest for the United States of America and all other countries in and to sa assignor my entire right, title and interest for the United States of America and all other countries in any other countries in a splication and all original, divisional, continuation, continuation in-parabetistic or reissue applications and patents applied for or granted therefor in the United States of America and other countries, for said invention, including without limitation all applications and better said invention claiming priority or benefit and the consistence of Patents and Trademarks is bereby authorized and requisited to issue priority or benefit and the Commissioner of Patents and Trademarks is bereby authorized and requisited to issue patents on said improvements or routing thereform to said assignee herein, as adaptive of the entire interest therein; and the undersigned for me and my legal representatives, heirs and assigne of the entire interest therein; and the undersigned for me and my legal representatives, heirs and assigned on its assigns to communicate or acid assignee or its representatives all facts known to the undersigned respecting said improvements and all assignments thereof to said assignee or its assigns, to communicate or said assignee or its representatives all facts known to the undersigned respecting said improvements and all assignments thereof to said assignee or its assigns, to communicate or said assignee or its representatives and the relief patent of the said application or patents in the delivers. The province of the	haman and	
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NOW, THEREFORE, in consideration of the sum of one dollars (\$ 1.00), the receipt where is acknowledged, and other good and valuable consideration, it as assignor hereby sell, assign and set over to sall assignee my entire right, title and interest for the United States of America and all other countries in and to sall assignee my entire right, title and interest for the United States of America and all other countries in and to sall assignee my entire right, title and interest for the United States of America and assignee on the aforesaid utility patent application and all original, divisional, continuation, continuation in-pall substitute or roissue applications and patents applied for or granted therefor in the United States of America and other countries, for said invention, including without firitation all applications and patents for said invention claimle priority or benefit of the adrossaid utility application pursuant to any law or treaty, and including the right to claim any priority or benefit and the Commissioner of Patents and Trademarks is hereby authorized and requested to issue patents on said improvements or resulting thereform to said assignee herein, as assignee of the entire interest without further remuneration, to execute and deliver all original, divisional, continuation, reissue and other application for Letters Patent on said improvements and all assignments thereof to said assignee or its assigns, to communicate or said assignee, its successors, assigns and nominous to other legal proceedings in which any of said applications or patents meeting the processors assigns and nominous to other patent protection for said improvements in all countries, the expenses incident to said applications to be borne and paid by haid assignee. And I do hereby authorize my altomeys to insert on this deed the filling date and application number of said applicatio	a corporation of New Jersey herein referred to as "assignee" w	hose mailing address is
NOW, THEREFORE, in consideration of the sum of one dallars (\$ 1.00), the receipt where is acknowledged, and other good and valuable consideration, it as assignor hereby sell, assign and set over to sa assignor my entire right, title and interest for the United States of America and all other countries in and to sa invention and the aforesaid utility patient application and all original, divisional, continuation, and substitute or reissue applications and patients applied for or granted therefor in the United States of America and other countries, for said invention, including without limitation all applications and patients of America and other operations of the aforesaid utility application pursuant to any law or treaty, and including the right to claim surprivity or benefit of the aforesaid utility application pursuant to any law or treaty, and including the right to claim surprivity or benefit and the Commissioner of Patients and Trademarks is hereby authorized and requested do it issue patients on said improvements or resulting therefore to said assignee herein, as assigneed if the entire interest therein; and the undersigned for me and my legal representatives, heirs and assignee or its easigns, to communicate to said assignee or its representatives and all assignments thereof to said assignee or its representatives and all assignments thereof to said assignee or its representatives and all assignments thereof to said assignee or its representatives and all fightful only in which any of said applications or patients my requested, to testify in any interferences or other legal proceedings in which any of said applications or patients my legal interferences or other legal proceedings in which any of said applications or patients my legal to the said application to be borne and patients and to degenerally exercity a	325 Corporate Drive, Mahwah, New Jersey 07430	
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State of	is acknowledged, and other good and valuable consideration, assigned my entire right, title and interest for the United Statinvention and the aforesaid utility patent application and all substitute or reissue applications and patents applied for or gother countries, for said invention, including without limitation priority or benefit of the aforesaid utility application pursuant to priority or benefit and the Commissioner of Patents and Trade patents on said improvements or resulting therefrom to said therein; and the undersigned for me and my legal representative without further remuneration, to execute and deliver all original for Letters Patent on said improvements and all assignments to said assignee or its representatives all facts known to the requested, to testify in any interferences or other legal process become involved, to sign all lawful papers, make all rightful cassignee, its successors, assigns and nominees to obtain pate expenses incident to said applications to be borne and paid by And I do hereby authorize my attorneys to insert on this deed to when known.	legiginal, divisional, continuation, continuation-in-part, ranted therefor in the United States of America and all all applications and patents for said invention claiming any law or treaty, and including the right to claim such amarks is hereby authorized and requested to issue all dissignee herein, as assignee of the entire interest tives, heirs and assigns do hereby agree and covernant divisional, continuation, reissue and other applications thereof to said assignee or its assigns, to communicate undersigned respecting said improvements, whenever eatings in which any of said applications or patents may caths, and to do generally everything necessary to aid ent protection for said improvements in all countries, the said assignee.
State of	(Date)	(Signature)
On this day of		
 In the control of the c	On this day of to be Lewis, to me personally known as the individual who execut	tod tuo totodotud tuatitimicut, wuo acertowicodea to rie
(Notary Public)	(Notary Public)	

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*Total of

6 forms are submitted.

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ACCIONMENT OF LITE ITY ADDITION	Docket Number (Optional)
ASSIGNMENT OF UTILITY APPLICATION	OSTEONICS 3.0-747
20.000 PT	
	of
Whereas, I, Daniel F. Justin	
185 North Winding Way, Logan, Utah 84321	
hereafter referred to as assignor, have with others invented certa-	en new and userer improvements in
SUTURE ANCHOR IMPLANTATION INSTRUMENTA	
x for which an application for a United States Letters Pate	ent was filed on Uuly 16, 2009
Application Number 12/460,310	
for which an application for a United States Letters Paten	t was executed by me on
and	
Hammadian Ostoppias Corp.	
Whereas, Howmedica Osteonics Corp. a corporation of New Jersey herein referred to as "assignee" who	ose maliling address is
325 Corporate Drive: Mahwah, New Jorsey 07430	
is desirous of acquiring the entire right, title and interest in the sa	me;
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NOW, THEREFORE, in consideration of the sum of <u>one</u> is acknowledged, and other good and valuable consideration, I	dollars (\$ <u>1.00</u>), the receipt whereof
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priority or becofit and the Commissioner of Patents and Traden	tarks is hereby authorized and requested to issue as [
patents on said improvements or resulting therefrom to said therein; and the undersigned for me and my legal representative	assionee herein, as assignee of the entire interest t
without turther remuneration, to execute and deliver all diliginal, (divisional, continuation, reissue and other applications. [
tor Lettere Patent on said improvements and all assignments the	ereof to said assigned or its assigns, to communicate
to said assignee or its representatives all facts known to the un requested, to testify in any Interferences or other legal proceeds	ndersigned respecting said improvements, whenever
become involved to sign all leadul papers, make all debtful oat	ths, and to do generally everything necessary to aid [
assignee, its successors, assigns and nominees to obtain patent	t protection for said improvements in all countries, the
expenses incident to said applications to be borne and paid by sa	
And I do hereby authorize my attorneys to insert on this deed the	filing date and application number of said application
wheл known.	// / / /
JULT 13, 2010 al	1. 1 71 1
(Date)	(Signature)
, ,	C (Signatory)
State of $\frac{FLORIOA}{OCHNOE}$) SS:	
On this 10th day of Tuly , 2010 before	me personally came the above named Daniel F.
Justin, to me personally known as the Individual who executed	the foregoing instrument, who acknowledged to me
that the same was executed by him/her of his/her own free will to	SULANGE ROORIGUEZ
X1. 121 -	Commission # DD 914713 Expires August 9, 2013
(Notarly Public)	Royclod Thru Troy Fain Insurance 800-385-7019
*Total of 7 forms are submitted.	

LD-528\

	Common PT Orsiana (a.bo) Modernia College
ASSIGNMENT OF UTILITY APPLICATION	Docket Number (Optional) OSTEONICS 3.0-747
Whereas, I. Margaret Mary Sinnott 1755 Country Club Drive; Logan, Utah 84321 hereafter referred to as assignor, have with others invented of SUTURE ANCHOR IMPLANTATION INSTRUMEN X for which as application for a United States Letters Papplication Number 12/460,310 for which an application for a United States Letters Papplication and Application for a United States Letters Papplication for a United Sta	TATION SYSTEM Patent was filed onJuly 16, 2009
Whereas, Howmedica Osteonics Corp. a corporation of New Jersey, herein referred to as "assignee" 225 Corporate Drive; Mahwah, New Jersey, 07430 is desirous of acquiring the entire right, title and interest in the	
NOW, THEREFORE, in consideration of the sum of one is acknowledged, and other good and valuable consideration assignce my entire right, title and interest for the United S Invention and the aforesaid utility patent application and a substitute or reissue applications and patents applied for or other countries, for said invention, including without limitation priority or benefit of the aforesaid utility application pursuant priority or benefit and the Commissioner of Patents and Transatents on said improvements or resulting therefrom to authority and the undersigned for me and my legal representational transactions and all assignments to said assignee or its representatives all facts known to the requested, to testify in any interferences or other legal proceduces involved, to sign all lawful papers, make all rightful assignee, its successors, assigns and nominees to obtain pall expenses incident to said applications to be borne and paid by	n, I as assignor hereby sell, assign and set over to said tates of America and all other countries in and to said all original, divisional, continuation, continuation-in-part, granted therefor in the United States of America and all applications and patents for said invention claiming to any law or treaty, and including the right to claim such demarks is hereby authorized and requested to issue all aid assignee horoin, as assignee of the entire interest atives, heirs and assigns do hereby agree and covenant al, divisional, continuation, reissue and other applications is thereof to said assignee or its assigns, to communicate a undersigned respecting said improvements, whenever eadings in which any of said applications or patents may coaths, and to do generally everything necessary to sid tant protection for said improvements in all countries, the
And I do hereby authorize my attornoys to insert on this deed when known	the filing date and application number of said application
12 July 2010 (Date)	(Signature)
State of (14th) SS: County of (24th) SS: On this /Z day of (4th Zally beta	ore me personally came the above-named Margaret
Mary Sinnott, to me personally known as the individual who to me that the same was executed by him/her of his/her own (Notary Public)	executed the foregoing instrument, who acknowledged the will for the purposes therein set forth. NOTARY PUBLIC KATHLEEN HANSEN 582318 COMMISSION EXPIRES
x *Total of 7 forms are submitted.	STATE OF UTAGE

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RECORDED: 01/25/2017