

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
 Stylesheet Version v1.2

EPAS ID: PAT4790386

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
TRACY PAT-YEN NG	07/18/2012
KYLE CRAIG PILGERAM	07/18/2012
LEE HARRIS CORDOVA	07/18/2012
STUART EDWARD FROMM	08/22/2012
ROBERT EUGENE MCLAUGHLIN II	07/13/2012
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:	15878026
CORRESPONDENCE DATA	
Fax Number:	(908)654-0415
<i>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.</i>	
Phone:	(908) 518-6359
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 3.0-866 CON DIV
NAME OF SUBMITTER:	KATHLEEN REYNOLDS
SIGNATURE:	/Kathleen Reynolds/
DATE SIGNED:	01/24/2018
Total Attachments: 8	
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ASSIGNMENT OF UTILITY APPLICATION

Docket Number (Optional)

OSTEONICS 3.0-866

Whereas, I, Tracy Pat-Yen Ng of73 S. Logan Street; Denver, Colorado 80209

hereafter referred to as assignor, have with others invented certain new and useful improvements in

KNOTLESS FILAMENT ANCHOR FOR SOFT TISSUE REPAIR☒ for which an application for a United States Letters Patent was filed on April 6, 2012Application Number 13/441,290☐ for which an application for a United States Letters Patent was executed by me on _____ andWhereas, Howmedica Osteonics Corp.a corporation of New Jersey herein referred to as "assignee" whose mailing address is325 Corporate Drive; Mahwah, New Jersey 07430

is desirous of acquiring the entire right, title and interest in the same;

NOW, THEREFORE, in consideration of the sum of one dollar (\$ 1.00), the receipt whereof is acknowledged, and other good and valuable consideration, I as assignor hereby sell, assign and set over to said assignee my entire right, title and interest for the United States of America and all other countries in and to said invention and the aforesaid utility patent application and all original, divisional, continuation, continuation-in-part, substitute or reissue applications and patents applied for or granted therefor in the United States of America and all other countries, for said invention, including without limitation all applications and patents for said invention claiming priority or benefit of the aforesaid utility application pursuant to any law or treaty, and including the right to claim such priority or benefit and the Commissioner of Patents and Trademarks is hereby authorized and requested to issue all patents on said improvements or resulting therefrom to said assignee herein, as assignee of the entire interest therein; and the undersigned for me and my legal representatives, heirs and assigns do hereby agree and covenant without further remuneration, to execute and deliver all original, divisional, continuation, reissue and other applications for Letters Patent on said improvements and all assignments thereof to said assignee or its assigns, to communicate to said assignee or its representatives all facts known to the undersigned respecting said improvements, whenever requested, to testify in any interferences or other legal proceedings in which any of said applications or patents may become involved, to sign all lawful papers, make all rightful oaths, and to do generally everything necessary to aid assignee, 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 attorneys to insert on this deed the filing date and application number of said application when known.

7/18/2012

(Date)

Tracy Ng

(Signature)

State of _____) SS: SEE ATTACHED CA ACKNOWLEDGMENT
 County of _____) NOTARY

On this _____ day of _____ before me personally came the above-named Tracy Pat-Yen Ng, 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 for the purposes therein set forth.

(Notary Public)

☒ *Total of 5 forms are submitted.

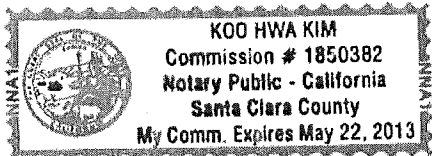
CALIFORNIA ALL-PURPOSE ACKNOWLEDGMENT

State of California

County of SANTA CLARA

On 18 JUL 2012 before me, KOO HWA KIM, NOTARY PUBLIC
Date Here Insert Name and Title of the Officer

personally appeared TRACY PAT YENG NG
Name(s) of Signer(s)



who proved to me on the basis of satisfactory evidence to be the person(s) whose name(s) is/are subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

I certify under PENALTY OF PERJURY under the laws of the State of California that the foregoing paragraph is true and correct.

WITNESS my hand and official seal.

Place Notary Seal Above

Signature [Signature]
Signature of Notary Public

OPTIONAL

Though the information below is not required by law, it may prove valuable to persons relying on the document and could prevent fraudulent removal and reattachment of this form to another document.

Description of Attached Document

Title or Type of Document: _____

Document Date: _____ Number of Pages: _____

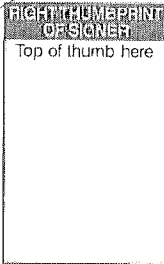
Signer(s) Other Than Named Above: _____

Capacity(ies) Claimed by Signer(s)

Signer's Name: _____

- ☐ Individual
☐ Corporate Officer — Title(s): _____
☐ Partner — ☐ Limited ☐ General
☐ Attorney in Fact
☐ Trustee
☐ Guardian or Conservator
☐ Other: _____

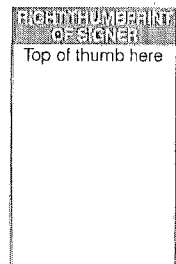
Signer Is Representing: _____



Signer's Name: _____

- ☐ Individual
☐ Corporate Officer — Title(s): _____
☐ Partner — ☐ Limited ☐ General
☐ Attorney in Fact
☐ Trustee
☐ Guardian or Conservator
☐ Other: _____

Signer Is Representing: _____



ASSIGNMENT OF UTILITY APPLICATION

Docket Number (Optional)

OSTEONICS 3.0-866

Whereas, I, Kyle Craig Pilgeram of
6178 Cahalan Avenue; San Jose, California 95123

hereafter referred to as assignor, have with others invented certain new and useful improvements in

KNOTLESS FILAMENT ANCHOR FOR SOFT TISSUE REPAIR

☒ for which an application for a United States Letters Patent was filed on April 6, 2012

Application Number 13/441,290

☐ for which an application for a United States Letters Patent was executed by me on _____
 and

Whereas, Howmedica Osteonics Corp.

a corporation of New Jersey herein referred to as "assignee" whose mailing address is

325 Corporate Drive; Mahwah, New Jersey 07430

is desirous of acquiring the entire right, title and interest in the same;

NOW, THEREFORE, in consideration of the sum of one dollar (\$ 1.00), the receipt whereof is acknowledged, and other good and valuable consideration, I as assignor hereby sell, assign and set over to said assignee my entire right, title and interest for the United States of America and all other countries in and to said invention and the aforesaid utility patent application and all original, divisional, continuation, continuation-in-part, substitute or reissue applications and patents applied for or granted therefor in the United States of America and all other countries, for said invention, including without limitation all applications and patents for said invention claiming priority or benefit of the aforesaid utility application pursuant to any law or treaty, and including the right to claim such priority or benefit and the Commissioner of Patents and Trademarks is hereby authorized and requested to issue all patents on said improvements or resulting therefrom to said assignee herein, as assignee of the entire interest therein; and the undersigned for me and my legal representatives, heirs and assigns do hereby agree and covenant without further remuneration, to execute and deliver all original, divisional, continuation, reissue and other applications for Letters Patent on said improvements and all assignments thereof to said assignee or its assigns, to communicate to said assignee or its representatives all facts known to the undersigned respecting said improvements, whenever requested, to testify in any interferences or other legal proceedings in which any of said applications or patents may become involved, to sign all lawful papers, make all rightful oaths, and to do generally everything necessary to aid assignee, 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 attorneys to insert on this deed the filing date and application number of said application when known.

7/18/2012

(Date)

[Signature]

(Signature)

State of _____) SS:
 County of _____)

SEE ATTACHED CA ACKNOWLEDGMENT
NOTARY

On this _____ day of _____, _____ before me personally came the above-named Kyle Craig Pilgeram, 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 for the purposes therein set forth.

 (Notary Public)

☒ *Total of 5 forms are submitted.

11/1/03

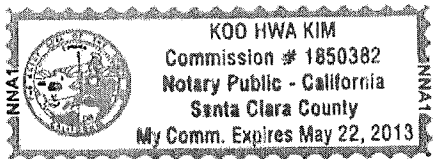
CALIFORNIA ALL-PURPOSE ACKNOWLEDGMENT

State of California

County of SANTA CLARA

On 18 JUL 2012 before me, KOO HWA KIM, NOTARY PUBLIC
Date Here Insert Name and Title of the Officer

personally appeared KYLE CRAIG PILGER AM
Name(s) of Signer(s)



who proved to me on the basis of satisfactory evidence to be the person(s) whose name(s) is/are subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

I certify under PENALTY OF PERJURY under the laws of the State of California that the foregoing paragraph is true and correct.

WITNESS my hand and official seal.

Place Notary Seal Above

Signature [Signature] Signature of Notary Public

OPTIONAL

Though the information below is not required by law, it may prove valuable to persons relying on the document and could prevent fraudulent removal and reattachment of this form to another document.

Description of Attached Document

Title or Type of Document: _____

Document Date: _____ Number of Pages: _____

Signer(s) Other Than Named Above: _____

Capacity(ies) Claimed by Signer(s)

Signer's Name: _____

- ☐ Individual
- ☐ Corporate Officer — Title(s): _____
- ☐ Partner — ☐ Limited ☐ General
- ☐ Attorney in Fact
- ☐ Trustee
- ☐ Guardian or Conservator
- ☐ Other: _____

Signer Is Representing: _____

RIGHT THUMBPRINT
OF SIGNER
Top of thumb here

Signer's Name: _____

- ☐ Individual
- ☐ Corporate Officer — Title(s): _____
- ☐ Partner — ☐ Limited ☐ General
- ☐ Attorney in Fact
- ☐ Trustee
- ☐ Guardian or Conservator
- ☐ Other: _____

Signer Is Representing: _____

RIGHT THUMBPRINT
OF SIGNER
Top of thumb here

ASSIGNMENT OF UTILITY APPLICATION

Docket Number (Optional)

OSTEONICS 3.0-866

Whereas, I, Lee Harris Cordova of
1544 S. Vine Street; Denver, Colorado 80210

hereafter referred to as assignor, have with others invented certain new and useful improvements in

KNOTLESS FILAMENT ANCHOR FOR SOFT TISSUE REPAIR

☒ for which an application for a United States Letters Patent was filed on April 6, 2012

Application Number 13/441,290

☐ for which an application for a United States Letters Patent was executed by me on _____
 and _____

Whereas, Howmedica Osteonics Corp.

a corporation of New Jersey herein referred to as "assignee" whose mailing address is

325 Corporate Drive; Mahwah, New Jersey 07430

is desirous of acquiring the entire right, title and interest in the same;

NOW, THEREFORE, in consideration of the sum of one dollar (\$ 1.00), the receipt whereof is acknowledged, and other good and valuable consideration, I as assignor hereby sell, assign and set over to said assignee my entire right, title and interest for the United States of America and all other countries in and to said invention and the aforesaid utility patent application and all original, divisional, continuation, continuation-in-part, substitute or reissue applications and patents applied for or granted therefor in the United States of America and all other countries, for said invention, including without limitation all applications and patents for said invention claiming priority or benefit of the aforesaid utility application pursuant to any law or treaty, and including the right to claim such priority or benefit and the Commissioner of Patents and Trademarks is hereby authorized and requested to issue all patents on said improvements or resulting therefrom to said assignee herein, as assignee of the entire interest therein; and the undersigned for me and my legal representatives, heirs and assigns do hereby agree and covenant without further remuneration, to execute and deliver all original, divisional, continuation, reissue and other applications for Letters Patent on said improvements and all assignments thereof to said assignee or its assigns, to communicate to said assignee or its representatives all facts known to the undersigned respecting said improvements, whenever requested, to testify in any interferences or other legal proceedings in which any of said applications or patents may become involved, to sign all lawful papers, make all rightful oaths, and to do generally everything necessary to aid assignee, 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 attorneys to insert on this deed the filing date and application number of said application when known.

July 18, 2012

(Date)

Lee Harris Cordova

(Signature)

State of _____) SS:
 County of _____)

SEE ATTACHED CA ACKNOWLEDGMENT
NOTARY

On this _____ day of _____ before me personally came the above-named Lee Harris Cordova, 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 for the purposes therein set forth.

 (Notary Public)

☒ *Total of 5 forms are submitted.

LD-500

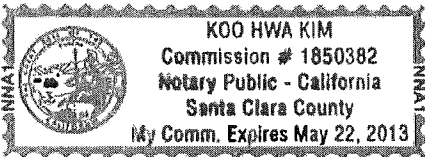
CALIFORNIA ALL-PURPOSE ACKNOWLEDGMENT

State of California

County of SANTA CLARA

On 18 JUL 2012 before me, KOO HWA KIM, NOTARY PUBLIC
Date Here Insert Name and Title of the Officer

personally appeared LEE HARLES CORDOVA
Name(s) of Signer(s)



who proved to me on the basis of satisfactory evidence to be the person(s) whose name(s) is/are subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

I certify under PENALTY OF PERJURY under the laws of the State of California that the foregoing paragraph is true and correct.

WITNESS my hand and official seal.

Place Notary Seal Above

Signature

Signature of Notary Public

OPTIONAL

Though the information below is not required by law, it may prove valuable to persons relying on the document and could prevent fraudulent removal and reattachment of this form to another document.

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Capacity(ies) Claimed by Signer(s)

Signer's Name: _____

- ☐ Individual
☐ Corporate Officer — Title(s): _____
☐ Partner — ☐ Limited ☐ General
☐ Attorney in Fact
☐ Trustee
☐ Guardian or Conservator
☐ Other: _____

Signer Is Representing: _____

RIGHT THUMBPRINT
OF SIGNER
Top of thumb here

Signer's Name: _____

- ☐ Individual
☐ Corporate Officer — Title(s): _____
☐ Partner — ☐ Limited ☐ General
☐ Attorney in Fact
☐ Trustee
☐ Guardian or Conservator
☐ Other: _____

Signer Is Representing: _____

RIGHT THUMBPRINT
OF SIGNER
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ASSIGNMENT OF UTILITY APPLICATION	Docket Number (Optional) OSTEONICS 3.0-866
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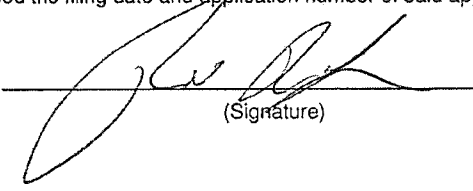
Whereas, I, Robert Eugene McLaughlin II of
47 Forster Road; Manchester, Massachusetts 01944
hereafter referred to as assignor, have with others invented certain new and useful improvements in
KNOTLESS FILAMENT ANCHOR FOR SOFT TISSUE REPAIR
☒ for which an application for a United States Letters Patent was filed on April 6, 2012
Application Number 13/441,290
☐ for which an application for a United States Letters Patent was executed by me on _____,
and _____

Whereas, Howmedica Osteonics Corp.
a corporation of New Jersey herein referred to as "assignee" whose mailing address is
325 Corporate Drive; Mahwah, New Jersey 07430
is desirous of acquiring the entire right, title and interest in the same;

NOW, THEREFORE, in consideration of the sum of one dollar (\$ 1.00), the receipt whereof
is acknowledged, and other good and valuable consideration, I as assignor hereby sell, assign and set over to said
assignee my entire right, title and interest for the United States of America and all other countries in and to said
invention and the aforesaid utility patent application and all original, divisional, continuation, continuation-in-part,
substitute or reissue applications and patents applied for or granted therefor in the United States of America and all
other countries, for said invention, including without limitation all applications and patents for said invention claiming
priority or benefit of the aforesaid utility application pursuant to any law or treaty, and including the right to claim such
priority or benefit and the Commissioner of Patents and Trademarks is hereby authorized and requested to issue all
patents on said improvements or resulting therefrom to said assignee herein, as assignee of the entire interest
therein; and the undersigned for me and my legal representatives, heirs and assigns do hereby agree and covenant
without further remuneration, to execute and deliver all original, divisional, continuation, reissue and other applications
for Letters Patent on said improvements and all assignments thereof to said assignee or its assigns, to communicate
to said assignee or its representatives all facts known to the undersigned respecting said improvements, whenever
requested, to testify in any interferences or other legal proceedings in which any of said applications or patents may
become involved, to sign all lawful papers, make all rightful oaths, and to do generally everything necessary to aid
assignee, 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 attorneys to insert on this deed the filing date and application number of said application
when known.

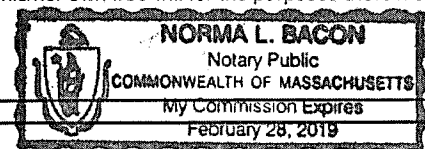
7/13/12
(Date)


(Signature)

State of Massachusetts SS:
County of Essex)

On this 13 day of June 2012 before me personally came the above-named Robert Eugene McLaughlin II, 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 for the purposes therein set forth.

Norma L. Bacon
(Notary Public)



☒ *Total of 5 forms are submitted.

LD-528\

ASSIGNMENT OF UTILITY APPLICATION

Docket Number (Optional)

OSTEONICS 3.0-866

Whereas, I, Stuart Edward Fromm of
3224 Tahoe Peak Place; Rapid City, South Dakota 57702

hereafter referred to as assignor, have with others invented certain new and useful improvements in

KNOTLESS FILAMENT ANCHOR FOR SOFT TISSUE REPAIR

☒ for which an application for a United States Letters Patent was filed on April 6, 2012

Application Number 13/441,290

☐ for which an application for a United States Letters Patent was executed by me on _____ and

Whereas, Howmedica Osteonics Corp.

a corporation of New Jersey herein referred to as "assignee" whose mailing address is

325 Corporate Drive; Mahwah, New Jersey 07430

is desirous of acquiring the entire right, title and interest in the same;

NOW, THEREFORE, in consideration of the sum of one dollar (\$ 1.00), the receipt whereof is acknowledged, and other good and valuable consideration, I as assignor hereby sell, assign and set over to said assignee my entire right, title and interest for the United States of America and all other countries in and to said invention and the aforesaid utility patent application and all original, divisional, continuation, continuation-in-part, substitute or reissue applications and patents applied for or granted therefor in the United States of America and all other countries, for said invention, including without limitation all applications and patents for said invention claiming priority or benefit of the aforesaid utility application pursuant to any law or treaty, and including the right to claim such priority or benefit and the Commissioner of Patents and Trademarks is hereby authorized and requested to issue all patents on said improvements or resulting therefrom to said assignee herein, as assignee of the entire interest therein; and the undersigned for me and my legal representatives, heirs and assigns do hereby agree and covenant without further remuneration, to execute and deliver all original, divisional, continuation, reissue and other applications for Letters Patent on said improvements and all assignments thereof to said assignee or its assigns, to communicate to said assignee or its representatives all facts known to the undersigned respecting said improvements, whenever requested, to testify in any interferences or other legal proceedings in which any of said applications or patents may become involved, to sign all lawful papers, make all rightful oaths, and to do generally everything necessary to aid assignee, 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 attorneys to insert on this deed the filing date and application number of said application when known.

8/22/12

(Date)

Stuart E. Fromm

(Signature)

State of South Dakota, ss:
 County of Beauregard

On this 22 day of Aug, 12 before me personally came the above-named Stuart Edward Fromm, 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 for the purposes therein set forth.

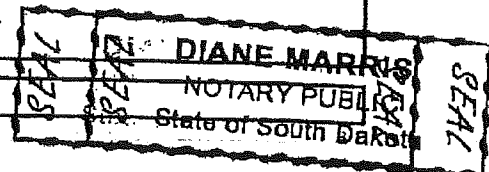
Diane Marris

(Notary Public)

exp 11-13

☒ Total of 5 forms are submitted.

FD-528



PATENT

RECORDED: 06/26/2018

REEL: 033780 FRAME: 0552