505649558 08/30/2019

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT5696364

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
MARK Y HIROTSUKA	04/21/2016
MICHAEL MURILLO	04/21/2016
YOAV BEN-HAIM	04/25/2016
JUSTIN D SALIMAN	04/25/2016
CHRISTOPHER P BENDER	04/21/2016
MICHAEL J HENDRICKSEN	04/21/2016
STEPHEN J PETER	04/21/2016
VICTORIA C QUITUGUA	04/20/2016
SARAH-MARIE CHAN	04/20/2016
JENNIFER B FASMAN	04/21/2016

RECEIVING PARTY DATA

Name:	CETERIX ORTHOPAEDICS, INC.	
Street Address:	6500 KAISER DRIVE, SUITE 120	
City:	FREMONT	
State/Country:	CALIFORNIA	
Postal Code:	94555	

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	16557017

CORRESPONDENCE DATA

Fax Number: (512)391-3901

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: 512-391-3931

Email: Patents.Dept.US@smith-nephew.com **Correspondent Name:** BRANDI AIKEN SMITH & NEPHEW, INC.

Address Line 1: 7000 W. WILLIAM CANNON DR.

Address Line 2: **BUILDING ONE**

Address Line 4: AUSTIN, TEXAS 78735

ATTORNEY DOCKET NUMBER: PT-5290-US-CNT

PAIENI

REEL: 050224 FRAME: 0374 505649558

NAME OF SUBMITTER:	BRANDI AIKEN
SIGNATURE:	/Brandi Aiken/
DATE SIGNED:	08/30/2019
Total Attachments: 9	
source=PT-5290_ Assignment#page1.tif	
source=PT-5290_ Assignment#page2.tif	
source=PT-5290_ Assignment#page3.tif	
source=PT-5290_ Assignment#page4.tif	
source=PT-5290_ Assignment#page5.tif	
source=PT-5290_ Assignment#page6.tif	
source=PT-5290_ Assignment#page7.tif	
source=PT-5290_ Assignment#page8.tif	
source=PT-5290_ Assignment#page9.tif	

PATENT REEL: 050224 FRAME: 0375

SG Docket No.:

10381-720,500

This Assignment of Patent Application is between:

Mark Y. HIROTSUKA of San Jose, CA:

Michael MURILLO of Menlo Park, CA;

Yoav BEN-HAIM of San Francisco, CA;

Justin D. SALIMAN of Los Angeles, CA;

Christopher P. BENDER of Oakland, CA;

Michael J. HENDRICKSEN of Redwood City, CA;

Stephen J. PETER of San Francisco, CA;

Victoria C. QUITUGUA of Palo Alto, CA;

Sarah-Marie CHAN of San Francisco, CA; and

Jennifer B. FASMAN of Redwood City, CA,

(hereinafter referred to as "Inventor") and

Ceterix Orthopaedics, Inc., a corporation of the State of Delaware, having a place of business at 959 Hamilton Avenue, Menlo Park, CA, 94025, (hereinafter referred to as "Assignee").

WHEREAS Inventor has invented certain new and useful improvements in:

"PRE-TIED SURGICAL KNOTS FOR USE WITH SUTURE PASSERS"

for which an application for a United States Patent was filed on April 18, 2016 and assigned Application No. 15/132,211.

WHEREAS, Assignee is desirous of acquiring the entire right, title and interest of each inventor in and to said application and the invention disclosed therein, and in and to all embodiments of the invention, heretofore conceived, made or discovered by said Inventor (all collectively hereinafter termed "said invention"), and in and to any and all patents, inventor's certificates and other forms of protection (hereinafter termed "patents") thereon granted in the United States and foreign countries.

NOW, THEREFORE, in consideration of good and valuable consideration acknowledged by said Inventor to have been received in full from said Assignee:

1. Said Inventor does hereby sell, assign, transfer and convey unto said Assignee the entire right, title and interest (a) in and to said application and said invention: (b) in and to all rights to apply for foreign patents on said invention pursuant to the International Convention for the Protection of Industrial Property or otherwise; (c) in and to any and all applications filed and any and all patents granted on said invention in the United States or any foreign country, including each and every application filed and each and every patent granted on any application which is a divisional, substitution,

Page 1 of 3

SG Docket No.:

10381-720.500

continuation, or continuation-in-part of any of said applications; and (d) in and to each and every reissue or extensions of any of said patents.

- Assignee to enjoy to the fullest extent the right, title and interest herein conveyed in the United States and foreign countries. Such cooperation by said Inventor shall include prompt production of pertinent facts and documents, giving of testimony, execution of petitions, oaths, specifications, declarations or other papers, and other assistance all to the extent deemed necessary or desirable by said Assignee (a) for perfecting in said Assignee the right, title and interest herein conveyed; (b) for prosecuting any of the said applications; (c) for filing and prosecuting substitute, divisional, continuing or additional applications covering said invention; (d) for filing and prosecuting applications for reissuance of any said patents; (e) for interference or other priority proceedings involving said invention; and (f) for legal proceedings involving said invention and any applications therefor and any patents granted thereon, including without limitation reissues and reexaminations, opposition proceedings, cancellation proceedings, priority contest, public use proceedings, infringement actions and court actions; provided, however, that the expense incurred by said Inventor in providing such cooperation shall be paid for by said Assignee.
- 3. The terms and covenants of this assignment shall inure to the benefit of said Assignee, its successors, assigns and other legal representatives, and shall be binding upon said Inventor, his heirs, legal representatives and assigns.
- 4. Said Inventor hereby warrants and represents that he has not entered and will not enter into any assignment, contract, or understanding in conflict herewith.

IN WITNESS WHEREOF, said Inventor has executed and delivered this instrument to said Assignee:

4/21/2016 Date	Mark Y. HIROTSUKA
4/21/2016 Date	Michael MURILLO
Date	Yoav BEN-HAIM
Date	Justin D. SALIMAN

Page 2 of 3

4/21/16	Letopher P. Kan
Date	Christopher P. BENDER
4/21/16 Date	Will Hil
Date	Michael J. HENDRICKSEN
4/21/16 Date	Stephen J. PETER
	Seephen J. P. L. L. K.
Date	Vat 7
Date	Victoria C. QUITUGUA
4-20-16	Sant 2 CL
Date	Sarah-Marie CHAN
04/21/16	_ life Tin
Date	Jennifer B. FASMAN

SG Docket No.: 10381-720.500

ASSIGNMENT OF PATENT APPLICATION

SG Docket No.: 10381-720.500

This Assignment of Patent Application is between:

Mark Y. HIROTSUKA of San Jose, CA;

Michael MURILLO of Menlo Park, CA:

Yoav BEN-HAIM of San Francisco, CA;

Justin D. SALIMAN of Los Angeles, CA;

Christopher P. BENDER of Oakland, CA;

Michael J. HENDRICKSEN of Redwood City. CA;

Stephen J. PETER of San Francisco, CA;

Victoria C. QUITUGUA of Palo Alto, CA;
Sarah-Marie CHAN of San Francisco, CA; and

Jennifer B. FASMAN of Redwood City, CA.

(hereinafter referred to as "Inventor") and

Ceterix Orthopaedics, Inc., a corporation of the State of Delaware, having a place of business at 959 Hamilton Avenue, Menlo Park, CA, 94025, (hereinafter referred to as "Assignee").

WHEREAS Inventor has invented certain new and useful improvements in:

"PRE-TIED SURGICAL KNOTS FOR USE WITH SUTURE PASSERS"

for which an application for a United States Patent was filed on April 18, 2016 and assigned Application No. 15/132,211.

WHEREAS. Assignee is desirous of acquiring the entire right, title and interest of each inventor in and to said application and the invention disclosed therein, and in and to all embodiments of the invention, heretofore conceived, made or discovered by said Inventor (all collectively hereinafter termed "said invention"), and in and to any and all patents, inventor's certificates and other forms of protection (hereinafter termed "patents") thereon granted in the United States and foreign countries.

NOW, THEREFORE, in consideration of good and valuable consideration acknowledged by said Inventor to have been received in full from said Assignce:

Said Inventor does hereby sell, assign, transfer and convey unto said Assignee the entire right, title and interest (a) in and to said application and said invention: (b) in and to all rights to apply for foreign patents on said invention pursuant to the International Convention for the Protection of Industrial Property or otherwise; (c) in and to any and all applications filed and any and all patents granted on said invention in the United States or any foreign country, including each and every application filed and each and every patent granted on any application which is a divisional, substitution,

Page 1 of 3

SG Docket No.:

10381-720.500

continuation, or continuation-in-part of any of said applications; and (d) in and to each and every reissue or extensions of any of said patents.

- Assignee to enjoy to the fullest extent the right, title and interest herein conveyed in the United States and foreign countries. Such cooperation by said Inventor shall include prompt production of pertinent facts and documents, giving of testimony, execution of petitions, oaths, specifications, declarations or other papers, and other assistance all to the extent deemed necessary or desirable by said Assignee (a) for perfecting in said Assignee the right, title and interest herein conveyed; (b) for prosecuting any of the said applications; (c) for filing and prosecuting substitute, divisional, continuing or additional applications covering said invention; (d) for filing and prosecuting applications for reissuance of any said patents; (e) for interference or other priority proceedings involving said invention; and (f) for legal proceedings involving said invention and any applications therefor and any patents granted thereon, including without limitation reissues and reexaminations, opposition proceedings, cancellation proceedings, priority contest, public use proceedings, infringement actions and court actions; provided, however, that the expense incurred by said Inventor in providing such cooperation shall be paid for by said Assignee.
- 3. The terms and covenants of this assignment shall inure to the benefit of said Assignee, its successors, assigns and other legal representatives, and shall be binding upon said Inventor, his heirs, legal representatives and assigns.
- 4. Said Inventor hereby warrants and represents that he has not entered and will not enter into any assignment, contract, or understanding in conflict herewith.

IN WITNESS WHEREOF, said Inventor has executed and delivered this instrument to said Assignee:

Date	Mark Y. HIROTSUKA	
Date	Michael MURILLO	***************************************
04/25/2016 Date	YOUT BEN-IIAIM	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,
Date	Justin D. SALIMAN	,

Page 2 of 3

ASSIGNMENT OF PATENT APPLICATION	SG Docket No.: 10381-720.500
Date	Christopher P. BENDER
Date	Michael J. HENDRICKSEN
Date	Stephen J. PETER
Date	Victoria C. QUITUGUA
Date	Sarah-Marie CHAN
Date	Jennifer B. FASMAN

Page 3 of 3

SG Docket No.:

10381-720.500

This Assignment of Patent Application is between:

Mark Y. HIROTSUKA of San Jose, CA;

Michael MURILLO of Menlo Park, CA;

Yoav BEN-HAIM of San Francisco, CA:

Justin D. SALIMAN of Los Angeles, CA;

Christopher P. BENDER of Oakland, CA;

Michael J. HENDRICKSEN of Redwood City, CA;

Stephen J. PETER of San Francisco, CA;

Victoria C. QUITUGUA of Palo Alto, CA;

Sarah-Marie CHAN of San Francisco, CA; and

Jennifer B. FASMAN of Redwood City, CA,

(hereinafter referred to as "Inventor") and

Ceterix Orthopaedics, Inc., a corporation of the State of Delaware, having a place of business at 959 Hamilton Avenue, Menlo Park, CA, 94025, (hereinafter referred to as "Assignee").

WHEREAS Inventor has invented certain new and useful improvements in:

"PRE-TIED SURGICAL KNOTS FOR USE WITH SUTURE PASSERS"

for which an application for a United States Patent was filed on **April 18, 2016** and assigned Application No. **15/132,211**.

WHEREAS, Assignee is desirous of acquiring the entire right, title and interest of each inventor in and to said application and the invention disclosed therein, and in and to all embodiments of the invention, heretofore conceived, made or discovered by said Inventor (all collectively hereinafter termed "said invention"), and in and to any and all patents, inventor's certificates and other forms of protection (hereinafter termed "patents") thereon granted in the United States and foreign countries.

NOW, THEREFORE, in consideration of good and valuable consideration acknowledged by said Inventor to have been received in full from said Assignee:

1. Said Inventor does hereby sell, assign, transfer and convey unto said Assignee the entire right, title and interest (a) in and to said application and said invention: (b) in and to all rights to apply for foreign patents on said invention pursuant to the International Convention for the Protection of Industrial Property or otherwise; (c) in and to any and all applications filed and any and all patents granted on said invention in the United States or any foreign country, including each and every application filed and each and every patent granted on any application which is a divisional, substitution,

Page 1 of 3

PATENT

REEL: 050224 FRAME: 0382

SG Docket No.:

10381-720.500

continuation, or continuation-in-part of any of said applications; and (d) in and to each and every reissue or extensions of any of said patents.

- 2. Said Inventor hereby covenants and agrees to cooperate with said Assignee to enable said Assignee to enjoy to the fullest extent the right, title and interest herein conveyed in the United States and foreign countries. Such cooperation by said Inventor shall include prompt production of pertinent facts and documents, giving of testimony, execution of petitions, oaths, specifications, declarations or other papers, and other assistance all to the extent deemed necessary or desirable by said Assignee (a) for perfecting in said Assignee the right, title and interest herein conveyed; (b) for prosecuting any of the said applications; (c) for filing and prosecuting substitute, divisional, continuing or additional applications covering said invention; (d) for filing and prosecuting applications for reissuance of any said patents; (e) for interference or other priority proceedings involving said invention; and (f) for legal proceedings involving said invention and any applications therefor and any patents granted thereon, including without limitation reissues and reexaminations, opposition proceedings, cancellation proceedings, priority contest, public use proceedings, infringement actions and court actions; provided, however, that the expense incurred by said Inventor in providing such cooperation shall be paid for by said Assignee.
- 3. The terms and covenants of this assignment shall inure to the benefit of said Assignee, its successors, assigns and other legal representatives, and shall be binding upon said Inventor, his heirs, legal representatives and assigns.
- 4. Said Inventor hereby warrants and represents that he has not entered and will not enter into any assignment, contract, or understanding in conflict herewith.

IN WITNESS WHEREOF, said Inventor has executed and delivered this instrument to said Assignee:

Date	Mark Y. HIROTSUKA
Date	Michael MURILLO
Date	WICHAEI WICKILLO
Date	Yoav BEN-HAIM
4/19/16	Lew OSel
Date	Justin D. SALIMAN

Page 2 of 3

ASSIGNMENT OF PATENT APPLICATION	SG Docket No.: 10381-720.500
Date	Christopher P. BENDER
Date	Michael J. HENDRICKSEN
Date	Stephen J. PETER
Date	Victoria C. QUITUGUA
Date	Sarah-Marie CHAN
Date	Jennifer B. FASMAN

Page 3 of 3

PATENT
REEL: 050224 FRAME: 0384