

## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1  
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EPAS ID: PAT3970065

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT	
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT	
<b>CONVEYING PARTY DATA</b>		
	<b>Name</b>	<b>Execution Date</b>
	RAPTOR SURGICAL, LLC	01/05/2016
<b>RECEIVING PARTY DATA</b>		
<b>Name:</b>	HOWMEDICA OSTEONICS CORP.	
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<b>City:</b>	MAHWAH	
<b>State/Country:</b>	NEW JERSEY	
<b>Postal Code:</b>	07430	
<b>PROPERTY NUMBERS Total: 1</b>		
<b>Property Type</b>	<b>Number</b>	
<b>Application Number:</b>	15075807	
<b>CORRESPONDENCE DATA</b>		
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<b>ATTORNEY DOCKET NUMBER:</b>	TRAUMA 3.0F-847 CIP CON	
<b>NAME OF SUBMITTER:</b>	MELINDA C. CORMIER	
<b>SIGNATURE:</b>	/Melinda C. Cormier/	
<b>DATE SIGNED:</b>	07/20/2016	
<b>Total Attachments: 5</b>		
source=Assignment (Raptor Surgical, LLC to Howmedica Osteonics Corp#page1.tif		
source=Assignment (Raptor Surgical, LLC to Howmedica Osteonics Corp#page2.tif		
source=Assignment (Raptor Surgical, LLC to Howmedica Osteonics Corp#page3.tif		
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source=Assignment (Raptor Surgical, LLC to Howmedica Osteonics Corp#page5.tif		

## PATENT ASSIGNMENT

This PATENT ASSIGNMENT (this "**Patent Assignment**") is entered into as of January 5, 2016 (the "**Effective Date**"), by and between RAPTOR SURGICAL, LLC, a California limited liability company ("**Raptor**"), and HOWMEDICA OSTEONICS CORP., a New Jersey corporation ("**Assignee**").

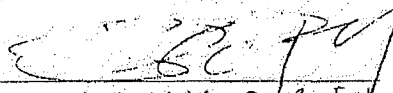
WHEREAS, Raptor holds the entire right, title, and interest in and to the Patents and Patent Applications listed on the attached Patent Schedule (collectively, the "Patents"), and Raptor and Assignee have entered into a separate agreement pursuant to which Raptor agreed to transfer all of Raptor's right, title and interest in the Patents to Assignee (the "**Separate Agreement**") and Assignee desires to secure the entire right, title and interest in the Patents.

NOW, THEREFORE, be it known by all whom it may concern, that for good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged,

1. Raptor agrees to and hereby does assign, transfer and set over to Assignee, its successors and assigns, and Assignee hereby accepts, all of Raptor's entire right, title and interest in and to the Patents, to have and to hold the same, unto Assignee for its own use and enjoyment and for the use and enjoyment of its successors and assigns, for the full term or terms of all such rights, including the right to sue for and collect past damages. The assignment of the Patents shall include the right to file domestic patent applications (including all letters patent, design patents, industrial design registrations, provisional applications, reissues, divisions, continuations, continuations-in-part, renewals, substitutes, patent disclosures and extensions of any patent or patent application), under the laws of the United States and all other countries that claim the benefit of any of the foregoing applications, and to file foreign patent applications in the name of Assignee or its affiliates, wherever such right may be legally exercised, including the right to claim the benefits of the International Convention for such applications.
2. Raptor hereby authorizes and requests the United States Commissioner of Patents, and the Patent Office officials in foreign countries as are duly authorized by the respective foreign patent laws to issue patents, to issue any and all patents directed to the Patents to Assignee as the owner thereof.
3. Raptor hereby agrees, without further consideration and without expense to Assignee, to sign all documents and to perform all other lawful acts which Assignee may reasonably request to make this assignment of the Patents fully effective.
4. Except as provided for in Sections 2 and 3 hereof, nothing in this Patent Assignment shall alter any liability or obligation of Raptor or Assignee arising under the Separate Agreement, which shall govern the representations, warranties and obligations of the parties with respect to the Patents. In the event of any conflict or ambiguity between the terms hereof and the terms of the Separate Agreement, the terms of the Separate Agreement shall govern and be controlling.
5. This Patent Assignment shall be governed by, and construed in accordance with the laws of the State of New York.
6. This Patent Assignment may be executed and delivered (including electronically) in one or more counterparts, and by the parties in separate counterparts, each of which when executed shall be deemed to be an original, but when taken together shall constitute one and the same agreement.

IN WITNESS WHEREOF, Raptor and Assignee have caused this Patent Assignment to be duly signed on its behalf.

RAPTOR SURGICAL, LLC

  
Name: SHERRISEN RUSH  
Title: FOUNDER / MANAGER

12/17/15  
Date

[SEE NOTARY ATTACHMENT ON NEXT PAGE]

PATENT

REEL: 039199 FRAME: 0145

CALIFORNIA ALL-PURPOSE ACKNOWLEDGMENT

CIVIL CODE § 1189

A notary public or other officer completing this certificate verifies only the identity of the individual who signed the document to which this certificate is attached, and not the truthfulness, accuracy, or validity of that document.

State of California

County of Alameda

On Dec. 17, 2015 before me, Elizabeth Merk, notary public

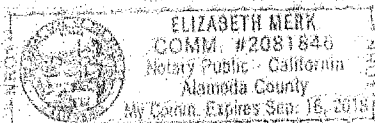
Sherrise N. Rush Here Insert Name and Title of the Officer

personally appeared: Sherrise N. Rush  
Name(s) of Signer(s)

who proved to me on the basis of satisfactory evidence to be the person(s) whose name(s) 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.



Signature [Signature]  
Signature of Notary Public

Place Notary Seal Above

OPTIONAL

Though this section is optional, completing this information can deter alteration of the document or fraudulent reattachment of this form to an unintended document.

Description of Attached Document

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Signer(s) Other Than Named Above: \_\_\_\_\_

Capacity(ies) Claimed by Signer(s)

Signer's Name: \_\_\_\_\_

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

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☐ Partner -- ☐ Limited ☐ General  
☐ Individual ☐ Attorney in Fact  
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PATENT

REEL: 039199 FRAME: 0146

Assignee:

HOWMEDICA OSTEONICS CORP.

Name: DAVID FLOYD

Title: Group President, Orthopedics

Date

1/4/16

STATE OF New Jersey

: ss.

COUNTY OF Bergen

The person whose name is subscribed to the accompanying instrument is personally known to me or has proved his/her identity to me on the basis of satisfactory evidence. On January 4, 2016, he/she appeared before me and acknowledged that he/she has read the accompanying instrument and knows the contents thereof, and that he/she executed the same as their free act and deed for the purposes set forth therein. If he/she is acting on behalf of an entity, he/she also acknowledged that he/she executed the accompanying instrument in his/her authorized capacity, and that by his/her signature on the instrument, the entity executed the same.

Patricia A. Riepe

NOTARY PUBLIC

Residing at Mehwah, NJ 07430

My Commission Expires: 5/17/16

PATRICIA A. RIEPE  
ID # 2275407

NOTARY PUBLIC OF NEW JERSEY  
My Commission Expires 5/17/2016



PATENT

REEL: 039199 FRAME: 0147

**Patent Schedule**

Appln No./ Filing Date	Publication No./ Publication Date	Patent No./ Issue Date	Title	Inventor(s)	Assignee	Continuity Data
61/349,025 May 27, 2010	[none]	[none]	APPARATUS AND METHODS FOR ACHILLES TENDON REPAIR	Shannon M. Rush, Sheriese Rush	Raptor Surgical, LLC	No priorities claimed; serves as priority document for 13/113,505 and 14/597,037
13/113,505 May 23, 2011	2011/0313454 December 22, 2011	8,936,611 January 20, 2015	APPARATUS AND METHODS FOR ACHILLES TENDON REPAIR	Shannon M. Rush, Sheriese Rush	Raptor Surgical, LLC	Priority claimed to 61/349,025; serves as priority document for 14/597,037
14/597,037 January 14, 2015	2015/0127026 May 7, 2015	[none]	APPARATUS AND METHODS FOR ACHILLES TENDON REPAIR	Shannon M. Rush, Sheriese Rush	Raptor Surgical, LLC	Priority claimed to 61/349,025; continuation of 13/113,505
13/711,297 December 11, 2012	2014/0163583 June 12, 2014	9,173,654 November 3, 2015	SYSTEM FOR TISSUE REPAIR	Shannon M. Rush, Sheriese Rush, Michael Yoon, Jim McCrea, Soshō Chang	Raptor Surgical, LLC	No priorities claimed; serves as priority document for 13/936,879 and PCT/US13/65880
13/936,879 July 8, 2013	2014/0163584 June 12, 2014	[none]	SYSTEMS FOR SOFT TISSUE REPAIR	James Rohl, Shannon M. Rush	Raptor Surgical, LLC	Continuation-in-part of 13/711,297; serves as priority document for PCT/US13/65880
PCT/US13/65880 October 21, 2013	WO 2014/092863 June 19, 2014	[none]	SYSTEMS FOR SOFT TISSUE REPAIR	Shannon M. Rush, Sheriese Rush, Michael Yoon, Jim McCrea, Soshō Chang, James Rohl	Raptor Surgical, LLC	Priority claimed to 13/711,297 and 13/936,879