

## TRADEMARK ASSIGNMENT COVER SHEET

Electronic Version v1.1  
Stylesheet Version v1.2

ETAS ID: TM871483

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT		
<b>NATURE OF CONVEYANCE:</b>	SECURITY INTEREST		
<b>CONVEYING PARTY DATA</b>			
<b>Name</b>	<b>Formerly</b>	<b>Execution Date</b>	<b>Entity Type</b>
Orthofix US LLC		11/06/2023	Limited Liability Company: DELAWARE
<b>RECEIVING PARTY DATA</b>			
<b>Name:</b>	Blue Torch Finance LLC, as Collateral Agent		
<b>Street Address:</b>	150 East 58th Street		
<b>City:</b>	New York		
<b>State/Country:</b>	NEW YORK		
<b>Postal Code:</b>	10155		
<b>Entity Type:</b>	Limited Liability Company: DELAWARE		
<b>PROPERTY NUMBERS Total: 39</b>			
<b>Property Type</b>	<b>Number</b>	<b>Word Mark</b>	
<b>Serial Number:</b>	90725300	ACCELSTIM	
<b>Serial Number:</b>	78415750	ALLOQUENT	
<b>Serial Number:</b>	85239444	CENTURION	
<b>Serial Number:</b>	75438792	CERVICALSTIM	
<b>Serial Number:</b>	87091113	CERVICALSTIM SPINAL FUSION THERAPY	
<b>Serial Number:</b>	87019224	CETRA	
<b>Serial Number:</b>	85261533	COLLAGE	
<b>Serial Number:</b>	78415732	CONSTRUX	
<b>Serial Number:</b>	88017844	FIBERFUSE	
<b>Serial Number:</b>	77632207	FIREBIRD	
<b>Serial Number:</b>	86804359	FITSPINE	
<b>Serial Number:</b>	85182848	FORZA	
<b>Serial Number:</b>	76626832	HALLMARK	
<b>Serial Number:</b>	86552540	JANUS	
<b>Serial Number:</b>	97066532	LEGACY	
<b>Serial Number:</b>	86064135	LONESTAR	
<b>Serial Number:</b>	76627654	NEWBRIDGE	
<b>Serial Number:</b>	78415714	NGAGE	
<b>Serial Number:</b>	88962727	O-GENESIS	

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Property Type	Number	Word Mark
Serial Number:	90820368	OPUS
Serial Number:	77967103	PHOENIX
Serial Number:	74209479	PHYSIO-STIM
Serial Number:	87083429	PHYSIOSTIM BONE HEALING THERAPY
Serial Number:	78880509	PILLAR
Serial Number:	78880515	PROVIEW
Serial Number:	85971040	QUADRX
Serial Number:	86064122	SKYHAWK
Serial Number:	73552537	SPINAL-STIM
Serial Number:	87091129	SPINALSTIM SPINAL FUSION THERAPY
Serial Number:	88018613	STIM ONTRACK
Serial Number:	76058155	THE HEALING ADVANTAGE
Serial Number:	78752413	TRINITY
Serial Number:	85717101	TRINITY ELITE
Serial Number:	77981853	TRINITY EVOLUTION
Serial Number:	76625481	UNITY
Serial Number:	76635940	UNITY 51
Serial Number:	77025991	UNITY LX
Serial Number:	85652295	VERSASHIELD
Serial Number:	90869992	VIRTUOS

**CORRESPONDENCE DATA**

**Fax Number:** 2127514864

*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:** 2129061209

**Email:** jess.bajada-bartlett@lw.com

**Correspondent Name:** LATHAM & WATKINS C/O Jessica bajada-bart

**Address Line 1:** 1271 Avenue of the Americas

**Address Line 4:** New York, NEW YORK 10020

<b>ATTORNEY DOCKET NUMBER:</b>	067741-0023
<b>NAME OF SUBMITTER:</b>	Jessica Bajada-Bartlett
<b>SIGNATURE:</b>	/s/ Jessica Bajada-Bartlett
<b>DATE SIGNED:</b>	01/26/2024

**Total Attachments: 71**

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TRADEMARK SECURITY AGREEMENT

November 6, 2023

This TRADEMARK SECURITY AGREEMENT, dated as of the date hereof (this "Agreement"), is made by each of the signatories hereto indicated as a "Grantor" (each a "Grantor" and collectively, the "Grantors") in favor of Blue Torch Finance LLC, a Delaware limited liability company ("Blue Torch"), in its capacity as collateral agent for the Secured Parties (in such capacity, together with its successors and assigns in such capacity, if any, the "Collateral Agent").

**WHEREAS**, pursuant to that certain Financing Agreement dated as of the date hereof, by and among ORTHOFIX MEDICAL INC., a Delaware corporation (the "Parent", the "Company" and the "Borrower"), each subsidiary of the Parent listed as a "Guarantor" on the signature pages thereto (together with each other subsidiary of the Company that executes a joinder agreement and becomes a "Guarantor" thereunder, each a "Guarantor" and collectively, the "Guarantors"), the lenders from time to time party thereto (each a "Lender" and collectively, the "Lenders"), the Collateral Agent, Blue Torch, as administrative agent for the Lenders (in such capacity, together with its successors and assigns in such capacity, the "Administrative Agent", and together with the Collateral Agent, each an "Agent" and collectively, the "Agents"), and the other parties from time to time party thereto (as the same may hereafter be amended, restated, amended and restated, supplemented or otherwise modified from time to time, the "Financing Agreement"), the Lenders have agreed to make the Loan to the Borrower;

**WHEREAS**, as a condition precedent to the obligation of the Lenders to make the Loan to the Borrower under the Financing Agreement, the Grantors have entered into a Pledge and Security Agreement, dated as of the date hereof (as amended, restated, amended and restated, supplemented, modified or otherwise changed from time to time, the "Security Agreement"), in favor of the Collateral Agent; and

**WHEREAS**, pursuant to the Security Agreement, the Grantors pledged, assigned and granted to the Collateral Agent (and its agents and designees) for the benefit of the Secured Parties, a continuing security interest in, all Trademark Collateral (as defined below); and

**WHEREAS**, pursuant to the Security Agreement, each Grantor agreed to execute this Agreement, in order to record the security interest granted to the Agent for the benefit of the Secured parties with the United States Patent and Trademark Office.

**NOW, THEREFORE**, in consideration of the foregoing and for other good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, the Grantors hereby agree with the Agent as follows:

**SECTION 1. Defined Terms**

Capitalized terms used but not defined herein shall have the respective meanings given thereto in the Security Agreement, and if not defined therein, shall have the respective meanings given thereto in the Financing Agreement.

## **SECTION 2. Grant of Security Interest**

As collateral security for the prompt and complete payment, performance and observance when due (whether by scheduled maturity, required prepayment, acceleration, demand or otherwise) of all of the Secured Obligations, each Grantor hereby pledges and assigns to the Collateral Agent, and grants to the Collateral Agent, for the benefit of the Secured Parties, a security interest in, all right, title or interest in or to any and all of the following properties (other than Excluded Property) now owned or hereafter acquired or in which such Grantor now has or at any time in the future may acquire any right, title or interest (the "Trademark Collateral"):

(i) all domestic and foreign trademarks, service marks, collective marks, certification marks, trade names, business names, d/b/a's, trade styles, designs, logos and other source or business identifiers and all general intangibles of like nature, (ii) all registrations and applications for the registration thereof (including, without limitation, those listed on Schedule A hereto), and all extensions and renewals, together with all goodwill of the business connected with the use of or symbolized by any of the foregoing, (iii) all rights to sue or otherwise recover for any past, present and future infringement, dilution or other violations thereof, (iv) all Proceeds of the foregoing, including, without limitation, license fees, royalties, income, payments, claims, damages and proceeds of suit now or hereafter due and/or payable with respect thereto, and (v) all other rights, priorities and privileges accruing thereunder or pertaining thereto throughout the world.

## **SECTION 3. Security Agreement**

The security interest granted pursuant to this Agreement is granted in conjunction with the security interest granted to the Collateral Agent for the Secured Parties pursuant to the Security Agreement, and the Grantors hereby acknowledge and affirm that the rights and remedies of the Collateral Agent with respect to the security interest in the Trademark Collateral made and granted hereby are more fully set forth in the Security Agreement, the terms and provisions of which are incorporated by reference herein as if fully set forth herein. In the event that any provision of this Agreement is deemed to conflict with the Security Agreement, the provisions of the Security Agreement shall control.

## **SECTION 4. Governing Law**

**THIS AGREEMENT SHALL BE GOVERNED BY, CONSTRUED AND INTERPRETED IN ACCORDANCE WITH THE LAWS OF THE STATE OF NEW YORK, EXCEPT (I) AS REQUIRED BY MANDATORY PROVISIONS OF LAW AND (II) TO THE EXTENT THAT THE VALIDITY AND PERFECTION OR THE PERFECTION AND THE EFFECT OF PERFECTION OR NON-PERFECTION OF THE SECURITY INTEREST CREATED HEREBY, OR REMEDIES HEREUNDER, IN RESPECT OF ANY PARTICULAR COLLATERAL ARE GOVERNED BY THE LAW OF A JURISDICTION OTHER THAN THE STATE OF NEW YORK.**

## **SECTION 5. Counterparts**

This Agreement may be executed in any number of counterparts and by the different parties hereto on separate counterparts, each of which shall be deemed an original, but all of such

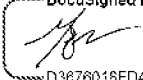
counterparts taken together shall constitute one and the same agreement. Delivery of an executed counterpart of this Agreement by facsimile or electronic mail shall be equally effective as delivery of an original executed counterpart. The words "execution," "signed," "signature," "delivery," and words of like import in or relating to this Agreement or any document to be signed in connection with this Agreement and the transactions contemplated hereby shall be deemed to include electronic signatures, deliveries or the keeping of records in electronic form, each of which shall be of the same legal effect, validity or enforceability as a manually executed signature, physical delivery thereof or the use of a paper-based recordkeeping system, as the case may be, to the extent and as provided for in any applicable law, including the federal Electronic Signatures in Global and National Commerce Act, the New York State Electronic Signatures and Records Act, or any other state laws based on the Uniform Electronic Transactions Act, and the parties hereto consent to conduct the transactions contemplated hereunder by electronic means.

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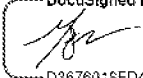
IN WITNESS WHEREOF, each Grantor has caused this Assignment to be duly executed by its officer thereunto duly authorized as of the date first above written.

GRANTORS:

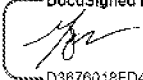
Orthofix US LLC, a Delaware limited liability company

DocuSigned by:  
  
By: \_\_\_\_\_  
D3676018FD4B485...  
Name: Geoffrey C. Gillespie  
Title: Chief Financing Officer

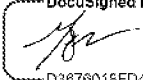
ISOTIS Orthobiologics, INC., a Washington corporation

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By: \_\_\_\_\_  
D3676018FD4B485...  
Name: Geoffrey C. Gillespie  
Title: Chief Financing Officer

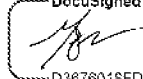
SeaSpine, Inc., a Delaware corporation

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By: \_\_\_\_\_  
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Name: Geoffrey C. Gillespie  
Title: Chief Financing Officer

SeaSpine Orthopedics Corporation, a Delaware corporation

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By: \_\_\_\_\_  
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Name: Geoffrey C. Gillespie  
Title: Chief Financing Officer

Spinal Kinetics LLC, a Delaware limited liability company

DocuSigned by:  
  
By: \_\_\_\_\_  
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Name: Geoffrey C. Gillespie  
Title: Chief Financing Officer



**Orthofix Medical Inc.**

DocuSigned by:  
*Julie Andrews*  
By: \_\_\_\_\_  
2F065F5FA04244C...  
Name: Julie Andrews  
Title: Chief Financial Officer

[Signature Page to Trademark Security Agreement]



SCHEDULE A TO TRADEMARK SECURITY AGREEMENT

TRADEMARK REGISTRATIONS AND APPLICATIONS

[Attached]

10.23.23 Worldwide Trademarks for Orthofix US LLC

Reference #	Mark	Country	Owner of Record	Application #	File Date	Registration #	Registration Date	Description (Combined)	Status	Current Deadlines Of Use & 15 Renewal Due
48017.00458US01	ACCELSTIM	UNITED STATES	Orthofix US LLC	90/725300	5/20/2021	6829267	8/23/2022	010 - Medical device for accelerating bone healing.	REGISTERED	8/23/2028 Affidavit Of Use & 15 8/23/2032 Renewal Due
48017.00633US01	ACTRIX	UNITED STATES	Orthofix Medical Inc.	97/748002 (ITU)	1/10/2023			005 - Spinal implants made of biological materials; biological bone tissue intended for subsequent implantation; human allograft bone and tissue; bone implants comprising demineralized bone matrix for use in orthopedic and spinal surgery; processed bone matrix material containing biologic materials for use in surgical and medical procedures to promote bone healing, growth, formation; bone void fillers consisting of biological materials; bone void fillers consisting of living tissues; bone fillers consisting of living materials; bone repair paste for use in orthopedic surgery; biological tissue grafts for use in spinal and orthopedic applications; natural biomaterials for augmentation of bone and tissue for medical	PENDING	1/3/2024 Response To Oa

48017.00382US01	ALLOQUENT	UNITED STATES	OrthoRx US LLC	78/415750	5/10/2004	3091181	5/9/2006	010 - Medical devices, namely, anterior cervical plates; an assortment of prosthetic cervical plates and rods; and fixation hardware, namely, screws, cables and hooks, and written instructions therefor.	REGISTERED	5/9/2026 Renewal Due 1
48017.00583US01	CANTO	UNITED STATES	OrthoRx US LLC	97/582465 (rtu)	8/22/2002			010 - Spinal implants and spinal fixation devices used in spinal surgery for providing immobilization and stabilization of spinal segments in the treatment of acute and chronic spinal instabilities and deformities; spinal implants and spinal fixation devices used in spinal surgery for providing immobilization and stabilization of spinal segments in the treatment of degenerative disc disease.	ALLOWED	12/20/2023 Statement Of Use 12/20/2023 File Tu Extension
48017.00384US01	CENTURION	UNITED STATES	OrthoRx US LLC	85/239444	2/10/2001	4617817	10/7/2001	010 - Medical devices, namely, implants comprised of artificial material employed in the alleviation of conditions afflicting the spine.	REGISTERED	4/7/2024 Reminder - Renewal Due 10/7/2024 Renewal Due
48017.00385US01	CERVICALSTM	UNITED STATES	OrthoRx US LLC	75/48792	2/23/1998	2255742	7/27/1999	010 - Pulsed electromagnetic bone and tissue growth stimulators.	REGISTERED	7/27/2029 Renewal Due

48017.00389US01	CERVICAL STIM SPINAL FUSION THERAPY & Design	UNITED STATES	OrthoRx US LLC	87/091113	7/1/2016	5413648	2/27/2018	010 - Pulsed electromagnetic bone growth stimulators.	REGISTERED	2/27/2028 Renewal Due
48017.00390US01	CETRA	UNITED STATES	OrthoRx US LLC	87/019224	4/29/2016	5449066	4/17/2018	010 - Spinal fixation devices in the nature of spinal fixation implants composed of artificial material; surgical implants in the nature of anterior cervical plates of artificial materials and associated surgical instrument sets.	REGISTERED	4/17/2028 Renewal Due
48017.00391US01	COLLAGE	UNITED STATES	OrthoRx US LLC	85/261533	3/8/2011	4518075	4/22/2014	010 - Synthetic bone graft substitute.	REGISTERED	10/22/2023 Reminder - Renewal Due 4/22/2024 Renewal Due
48017.00576US01	CONCENTUS	UNITED STATES	OrthoRx US LLC	97/558447 (ITU)	8/22/2012			010 - Spinal implants and spinal fixation devices used in spinal surgery for providing immobilization and stabilization of spinal segments in the treatment of acute and chronic spinal instabilities and deformities; spinal implants and spinal fixation devices used in spinal surgery for providing immobilization and stabilization of spinal segments in the treatment of degenerative disc disease.	ALLOWED	12/20/2023 Statement Of Use 12/20/2023 File Itu Extension

48017.00554US01	CONCERTO	UNITED STATES	Orthotek US LLC	97/479314 (ITU)	6/28/2022			010 - spinal implants and spinal fixation devices used in spinal surgery for providing immobilization and stabilization of surgery for providing immobilization and stabilization of spinal segments in the treatment of degenerative disc disease.	ALLOWED	12/27/2023 Statement Of Use 12/27/2023 File Itu Extension
48017.00393US01	CONSTRU X	UNITED STATES	Orthotek US LLC	78/415732	5/10/2004	3177831	11/28/2006	010 - Medical devices, namely interior cervical plating systems containing an assortment of prosthetic plates, rods and fixation hardware, namely screws, cable and hooks, written instructions sold as a unit.	REGISTERED	11/28/2026 Renewal Due
48017.00401US01	FIBERFUSE	UNITED STATES	Orthotek US LLC	88/017844	6/27/2018	5886442	10/15/2019	005 - Human allograft bone and tissue; human allograft tissue in the nature of demineralized bone matrix used for use in surgical procedures; surgical implants for the bone comprising living tissue in the nature of demineralized bone matrix for use in surgical procedures; biological demineralized bone matrix tissue intended for subsequent implantation.	REGISTERED	10/15/2025 Affidavit Of Use 8 & 15 10/15/2029 Renewal Due

48017/00459US01	FIBERLOC K	UNITED STATES	Orthofox US LLC	90/725302 (TM)	5/20/2021			005 - Processed cellular bone matrix containing stem cells for use in the treatment of musculoskeletal defects.	ALLOWED	3/13/2024 Statement Of Use 3/13/2024 File Itu Extension
48017/00411US01	FIREBIRD	UNITED STATES	Orthofox US LLC	77532207	12/12/2008	3948229	4/19/2011	010 - Medical devices, namely, spinal fixation devices consisting of a thoracolumbar pedicle screw system comprised of spinal implants comprised of artificial materials, surgical instruments and apparatus for use in orthopedic and spinal surgery, bone screw connectors, rods used to connect bone screws, bone screws, and removable bone screw heads	REGISTERED	4/19/2031 Renewal Due



48017/00419US01	FTSPINE	UNITED STATES	OrthoRx US LLC	86/804339	10/30/2015	5640160	1/1/2019	<p>010 - Orthopedic implants made of artificial materials, especially for correction of deformations of the spinal column and deformations of the thorax; artificial implants; implant control devices sold as an integral component of electromechanically driven artificial orthopedic implants; surgical apparatus and instruments for use in orthopedic surgeries; spinal surgery and surgery of long bones; medical apparatus, namely, implantable and electromechanically driven distraction apparatus for correction of deformations of the spinal column and deformations of the thorax; bone distraction apparatus, namely, implantable and electromechanically driven distraction apparatus for use in</p>	REGISTERED	<p>1/1/2025 Affidavit of Use 8 &amp; 15 1/1/2029 Renewal Due</p>
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48017.00432US01	FORZA	UNITED STATES	Orthofix US LLC	85/182848	11/22/2010	4584703	8/12/2014	010 - Medical devices, namely, intervertebral body fusion devices and partial vertebral body replacement systems comprised of surgical instruments, implants, namely, vertebral discs comprised of artificial material, and fixation hardware, namely, screws, plates and rods.	REGISTERED	2/12/2024 Reminder - Renewal Due 8/12/2024 Renewal Due
48017.00434US01	HALLMAR K	UNITED STATES	Orthofix US LLC	76/626832	1/4/2005	3294440	9/18/2007	010 - Anterior cervical surgical implants comprising artificial material; kits comprised of such implants with fastening screws, cables, hooks and printed instructions.	REGISTERED	9/18/2027 Renewal Due
48017.00290US01	JANUS	UNITED STATES	Orthofix US LLC	86/52540	3/4/2015	4970032	5/31/2016	010 - Orthopedic screws.	REGISTERED	5/31/2026 Renewal Due
48017.00507US01	LEGACY	UNITED STATES	Orthofix US LLC	97/066532	10/8/2021	7044567	5/2/2023	005 - Processed bone matrix material for use in orthopedic surgery to promote bone formation.	REGISTERED	5/2/2029 Affidavit of Use 8 & 15 5/2/2033 Renewal Due
48017.00296US01	LONESTAR	UNITED STATES	Orthofix US LLC	86/064135	9/13/2013	4672668	1/13/2015	010 - Medical devices, namely, spinal implants composed of artificial materials.	REGISTERED	1/13/2025 Renewal Due
48017.00304US01	M6	UNITED STATES	Spinal Kinetics LLC	77/111841	2/20/2007	3547447	12/16/2008	010 - Surgical implants for the spine comprising intervertebral disc prostheses; surgical instruments for use in spinal surgery	REGISTERED	12/16/2028 Renewal Due

48017.00306US01	M6C Logo	UNITED STATES	Spinal Kinetics LLC	77/633480	12/15/2008	3643487	6/23/2009	010 - Surgical implants for the spine comprising intervertebral disc prostheses; surgical instruments for use in spinal surgery	REGISTERED	6/23/2029 Renewal Due
48017.00374US01	M6L LOGO	UNITED STATES	Spinal Kinetics LLC	77/624159	12/1/2008	3764789	3/23/2010	010 - Surgical implants for the spine comprising intervertebral disc prostheses; surgical instruments for use in spinal surgery.	REGISTERED	3/23/2030 Renewal Due
48017.00329US01	MOTION FOR LIFE	UNITED STATES	Spinal Kinetics LLC	78/572417	2/22/2005	3131149	8/15/2006	010 - Spinal implants, namely, intervertebral disc prostheses and surgical instruments for the implantation thereof, and related instructional materials and documentation provided therewith	REGISTERED	8/15/2036 Renewal Due
48017.00333US01	NANOVATE TECHNOLOGY (and Design)	UNITED STATES	Orthofix US LLC	90/376728 (ITU)	12/11/2000			001 - Reagents and substrates, namely, chemical compounds for use in patterning at nano scale or near nano scale. 040 - Custom 3D printing of porous end plates for use in spinal fixation devices.	LEFT LAPSE	4/12/2024 Statement Of Use 10/12/2023 File Itu Extension

48017.00334US01	NEWBRIDGE	UNITED STATES	OrthoFix US LLC	78/62764	1/12/2005	3183236	10/24/2006	010 - SURGICAL IMPLANTS, NAMELY, IMPLANTABLE CERVICAL PLATE PROSTHESIS, AS WELL AS KITS AND SYSTEMS CONTAINING IMPLANTABLE CERVICAL PLATE PROSTHESIS AND AN ASSORTMENT OF FIXATION HARDWARE COMPRISING SCREWS, CABLES AND HOOKS AND WRITTEN INSTRUCTIONS SOLD AS A UNIT	REGISTERED	10/24/2026 Renewal Due
48017.00335US01	NGAGE	UNITED STATES	OrthoFix US LLC	78/45714	5/10/2004	3283488	8/21/2007	010 - MEDICAL DEVICES, NAMELY ANTERIOR CERVICAL PLATING SYSTEMS CONTAINING AN ASSORTMENT OF PROSTHETIC PLATES, RODS, FIXATION HARDWARE, NAMELY, SCREWS, CABLES AND HOOKS, AND WRITTEN INSTRUCTIONS SOLD AS A UNIT	REGISTERED	8/21/2027 Renewal Due
48017.00339US01	O-GENESIS	UNITED STATES	OrthoFix US LLC	88/962727	6/12/2020	6809518	8/2/2022	010 - Medical Instruments, namely, instruments for delivery and placement of tissue implants during surgery; delivery devices for bone grafting, namely, surgical instruments for delivering bone-graft material into the surgical site.	REGISTERED	8/2/2028 Affidavit of Use 8 & 15 8/2/2032 Renewal Due

48017.00483US01	OPUS	UNITED STATES	OrthoRx US LLC	90/820368	7/9/2021	7164991	9/12/2023	010 - Osteoconductive scaffold, namely, synthetic bone graft substitute being artificial bone growth media for filling bony voids or gaps for enhanced bone healing following injury or surgery.	REGISTERED	9/12/2029 Affidavit Of Use 8 & 15 9/12/2033 Renewal Due
48017.00342US01	PHOENIX	UNITED STATES	OrthoRx US LLC	77/967103	3/24/2010	4365029	7/9/2013	010 - Spinal and fixation implants composed of artificial materials; medical and surgical apparatus and instruments, namely, spinal fixation device and system comprised of pedicle screws and rods used to connect screws, both used in spinal implant surgery; surgical and medical apparatus and instruments for use in spinal surgery.	REGISTERED	7/9/2033 Renewal Due
48017.00351US01	PHYSIO-STIM	UNITED STATES	OrthoRx US LLC	74/209479	10/4/1991	1701625	7/21/1992	010 - Pulsed electromagnetic bone growth stimulators.	REGISTERED	7/21/2032 Renewal Due
48017.00352US01	PHYSIOSTIM BONE HEALING THE RAPY & Design	UNITED STATES	OrthoRx US LLC	87/083429	6/24/2016	5851925	9/3/2019	010 - Pulsed electromagnetic bone growth stimulators	REGISTERED	9/3/2025 Affidavit Of Use 8 & 15 9/3/2029 Renewal Due

48017.00353US01	PILLAR	UNITED STATES	OrthoRx US LLC	78/89059	5/10/2006	3888138	12/7/2010	010 - Spinal and fixation implants composed of artificial materials; medical and surgical apparatus and instruments; namely, spinal fixation device and system comprised of pedicle screws and rods used to connect screws, both used in spinal implant surgery; surgical and medical apparatus and instruments for use in spinal surgery	REGISTERED	12/7/2030 Renewal Due
48017.00661US01	PROLIF	UNITED STATES	OrthoRx US LLC	97/447899 (ITU)	6/7/2022			016 - Publications, namely, presentations in paper and downloadable electronic form pertaining to orthopedics and orthopedic surgical procedures.  041 - Educational services, namely, providing seminars to medical professionals in the field of orthopedics and orthopedic surgical procedures.	ALLOWED	1/25/2024 Statement Of Use 1/25/2024 File Itu Extension
48017.00354US01	PROVIE WV	UNITED STATES	OrthoRx US LLC	78/890515	5/10/2006	3905799	1/11/2011	010 - Spinal instrumentation, namely, tubular retractors, expandable retractors, screw delivery device and written instruction manuals sold as a unit therewith	REGISTERED	1/11/2031 Renewal Due

48017.00360US01	QUADRIX	UNITED STATES	OrthoRx US LLC	89/971040	6/26/2013	4685448	2/10/2015	5	010 - Medical devices, namely, retractors for use in spinal surgery	REGISTERED	2/10/2025	Renewal Due
48017.00256US01	SKYHAWK	UNITED STATES	OrthoRx US LLC	86/064122	9/13/2013	4685560	2/10/2015	5	010 - Medical devices, namely, spinal implants composed of artificial materials	REGISTERED	2/10/2025	Renewal Due
48017.00584US01	SONATA	UNITED STATES	OrthoRx US LLC	97/588467 (RU)	8/22/2022				010 - Spinal implants and spinal fixation devices used in spinal surgery for providing immobilization and stabilization of spinal segments in the treatment of acute and chronic spinal instabilities and deformities; spinal implants and spinal fixation devices used in spinal surgery for providing immobilization and stabilization of spinal segments in the treatment of degenerative disc disease.	ALLOWED	12/27/2023	Statement Of Use 12/27/2023 File Tu Extension
48017.00272US01	SPINAL-STIM	UNITED STATES	OrthoRx US LLC	73/52537	8/8/1985	1384143	2/25/1986	6	010 - PULSED ELECTROMAGNETIC FIELD STIMULATORS FOR THE TREATMENT OF SPINAL FUSION	REGISTERED	2/25/2026	Renewal Due
48017.00273US01	SPINALSTIM SPINAL FUSION THERAPY	UNITED STATES	OrthoRx US LLC	87/091129	7/1/2016	5413649	2/27/2018	8	010 - Pulsed electromagnetic bone growth stimulators	REGISTERED	12/7/2023 Awrg Acceptance Of 8 &15 2/27/2028 Renewal Due	

48017/00274US01	STIM ONTRACK	UNITED STATES	OrthoRx US LLC	88/018613	6/28/2018	6681772	3/29/2022	009 - Downloadable software in the nature of a mobile application for retrieving status information from bone and tissue growth stimulators and monitoring compliance with assigned medical treatment regimen; downloadable software in the nature of a mobile application for the collection, storage, and sharing of patient care progress and medical information	REGISTERED	3/29/2028 Affidavit Of Use 8 & 15 3/29/2032 Renewal Due
48017/00580US01	SYNCRG	UNITED STATES	OrthoRx US LLC	97/58454 (TU)	8/22/2022			010 - Spinal implants and spinal fixation devices used in spinal surgery for providing immobilization and stabilization of spinal segments in the treatment of acute and chronic spinal instabilities and deformities; spinal implants and spinal fixation devices used in spinal surgery for providing immobilization and stabilization of spinal segments in the treatment of degenerative disc disease.	ALLOWED	12/20/2023 Statement Of Use 12/20/2023 File Tu Extension



48017/00620US01	SYNDOS	UNITED STATES	Orthofix Medical Inc.	97/747999 (TM)	1/10/2023			<p>005 - spinal implants made of biological materials; biological bone tissue intended for subsequent implantation; human allograft bone and tissue; bone implants comprising demineralized bone matrix for use in orthopedic and spinal surgery; processed bone matrix material containing biologic materials for use in surgical and medical procedures to promote bone healing, growth, formation; bone void fillers consisting of biological materials; bone void fillers consisting of living tissues; bone fillers consisting of living materials; bone repair paste for use in orthopedic surgery; biological tissue grafts for use in spinal and orthopedic applications; natural biomaterials for augmentation of bone and tissue for medical purposes; media for</p>	PENDING	1/3/2024 Response To Oa
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48017/00585US01	TEMPO	UNITED STATES	OrthoRx US LLC	97/558469 (TM)	8/22/2022	2789136	12/2/2003	010 - SPINAL IMPLANTS COMPRISED OF ARTIFICIAL MATERIALS AND SPINAL FIXATION DEVICES IN THE NATURE OF SPINAL FIXATION IMPLANTS COMPPOSED OF ARTIFICIAL MATERIALS USED IN SPINAL SURGERY FOR PROVIDING IMMobilIZATION AND STABILIZATION OF SPINAL SEGMENTS IN THE TREATMENT OF ACUTE AND CHRONIC SPINAL INSTABILITIES AND DEFORMITIES; SPINAL IMPLANTS COMPRISED OF ARTIFICIAL MATERIALS AND SPINAL FIXATION DEVICES IN THE NATURE OF SPINAL FIXATION IMPLANTS COMPPOSED OF ARTIFICIAL MATERIALS USED IN SPINAL SURGERY FOR PROVIDING IMMobilIZATION AND STABILIZATION OF SPINAL SEGMENTS IN THE TREATMENT OF DEGENERATIVE DISC DISEASE.	PENDING	9/8/2023 Avig Acceptance Of Renewal 12/2/2033 Renewal Due
48017/00276US01	THE HEALING ADVANTAGE	UNITED STATES	OrthoRx US LLC	76/058155	5/26/2000	2789136	12/2/2003	010 - MEDICAL DEVICES; NAMELY, ELECTRICAL BONE GROWTH STIMULATION APPARATUSES AND IMPLANTABLE FIXATION APPARATUSES FOR THE TREATMENT OF SPINAL AND OTHER MUSCULOSKELETAL DISORDERS	REGISTERED	9/8/2023 Avig Acceptance Of Renewal 12/2/2033 Renewal Due

48017.00277US01	TRINITY	UNITED STATES	OrthoXa US LLC	78/752413	11/11/2005	3162338	10/24/2006	005 - Processed cellular bone matrix containing stem cells that stimulate new bone formation	REGISTERED	10/24/2026 Renewal Due
48017.00283US01	TRINITY ELITE	UNITED STATES	OrthoXa US LLC	85/717101	8/30/2012	4589285	8/19/2014	005 - Processed cellular bone matrix containing stem cells that stimulate new bone formation	REGISTERED	2/22/2024 Awig Acceptance Of Renewal 8/19/2034 Renewal Due
48017.00284US01	TRINITY EVOLUTION	UNITED STATES	OrthoXa US LLC	77981853	12/12/2008	4214388	9/25/2012	005 - Processed cellular bone matrix containing stem cells that stimulate new bone formation.	REGISTERED	9/25/2032 Renewal Due

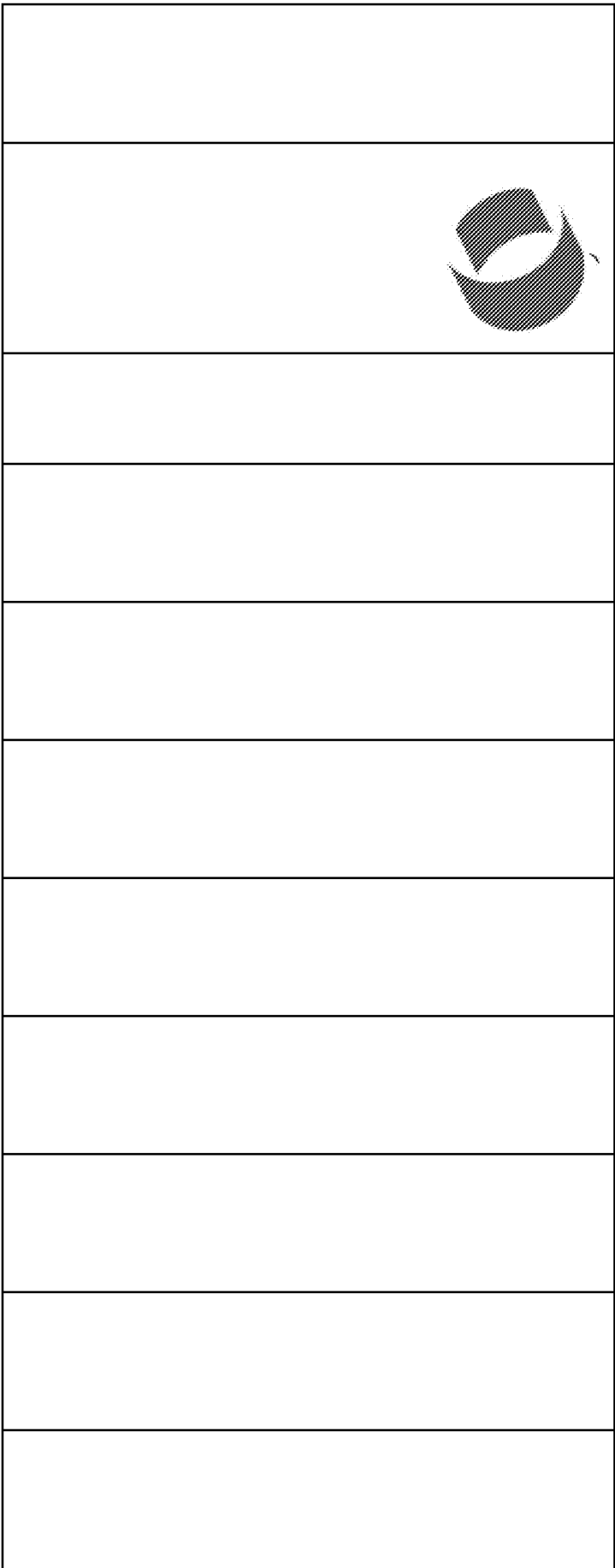
48017.00286US01	UNITY	UNITED STATES	Orthofox US LLC	76/625481	12/23/2004	3242795	5/15/2007	009 - Downloadable software in the nature of a mobile application for retrieving status information from bone and tissue growth stimulators and monitoring compliance with assigned medical treatment regimen; downloadable software in the nature of a mobile application for the collection, storage, and sharing of patient care progress and medical information	REGISTERED	5/15/2027 Renewal Due
48017.00287US01	UNITY 51	UNITED STATES	Orthofox US LLC	76/635940	4/13/2005	3261640	7/10/2007	010 - SURGICAL IMPLANTS, NAMELY, ANTERIOR LUMBAR PLATE PROSTHESIS AND AN ASSORTMENT OF FIXATION HARDWARE, NAMELY, SCREWS, CABLES AND HOOKS, AND WRITTEN INSTRUCTIONS SOLD AS A UNIT	REGISTERED	7/10/2027 Renewal Due
48017.00288US01	UNITY LX	UNITED STATES	Orthofox US LLC	77/025991	10/20/2006	3278822	8/14/2007	010 - Surgical implants, namely, implantable anterior lumbar plate prosthesis and an assortment of fixation hardware namely, screws, cables and hooks, and written instructions sold as a unit	REGISTERED	8/14/2027 Renewal Due

48017/00586US01	VELOCE	UNITED STATES	OrthoFix US LLC	97/559472 (TM)	8/22/2022	4556639	12/16/2014	010 - Spinal implants comprised of artificial materials and spinal fixation devices in the nature of spinal fixation implants composed of artificial materials used in spinal surgery for providing immobilization and stabilization of spinal segments in the treatment of acute and chronic spinal instabilities and deformities; spinal implants comprised of artificial materials and spinal fixation devices in the nature of spinal fixation implants composed of artificial materials used in spinal surgery for providing immobilization and stabilization of spinal segments in the treatment of degenerative disc disease.	PUBLISHED	12/16/2024 Renewal Due
48017/00289US01	VERSASHIELD & Design	UNITED STATES	OrthoFix US LLC	85/652295	6/14/2012	4556639	12/16/2014	005 - A biologic amniotic membrane used in surgical reconstructive procedures for soft tissue repair, wound dressing, and anti-adhesion or surgical scarring prevention.	REGISTERED	12/16/2024 Renewal Due

48017/00488US01	VIRTUOS	UNITED STATES	Orthofix Medical Inc.	90/869992 (TM)	8/6/2021	6886074	10/25/2022	005 - Processed bone matrix containing biological materials in the nature of growth factors and cells for application and use in surgical and medical procedures to aid in bone healing.	REGISTERED	10/25/2028 Affidavit Of Use & 15 10/25/2032 Renewal Due
48017/00607US01	VIZIX	UNITED STATES	Orthofix Medical Inc.	97/747994 (TM)	1/10/2023			005 - Spinal implants made of biological materials; biological bone tissue intended for subsequent implantation; human allograft bone and tissue; bone implants comprising demineralized bone matrix for use in orthopedic and spinal surgery; processed bone matrix material containing biologic materials for use in surgical and medical procedures to promote bone healing, growth, formation; bone void fillers consisting of biological materials; bone void fillers consisting of living tissues; bone fillers consisting of living materials; bone repair paste for use in orthopedic surgery; biological tissue grafts for use in spinal and orthopedic applications; natural biomaterials for augmentation of bone and tissue for medical purposes; media for	PENDING	1/3/2024 Response To Oa

18.23.23 Worldwide Trademarks for Orthofix US LLC


Reference #	Mark	Country	Owner of Record	Applicant #	File Date	Registration #	Registration Date	Description/Classified	Status	Current Deadlines
4801700532US01	NANOVAITE TECHNOLOGY (refile)	UNITED STATES	Orthofix US LLC	97/258725 (TM)	2/8/2022			010 - Medical instruments, namely, orthopedic apparatus and instruments; Medical and surgical apparatus and instruments, namely, surgical implants composed of artificial materials for use in orthopedic surgery; Medical and surgical apparatus and instruments, namely, orthopedic fixation devices for use in transplant and/or implant orthopedic surgery and procedures; Medical apparatus and surgical instruments, namely, surgical implants composed of artificial materials and orthopedic fixation devices, all featuring proprietary 3D-printed porous surface technology designed to promote bone growth and fusion and for use in orthopedic surgeries and procedures.	ALLOWED	5/16/2024 Statement Of Use 5/16/2024 File Use Extension





Seaspine Trademark Portfolio



10/31/2023

Country	Mark	Owner Name	file Date	Application #	Registration Date	registrator #	goods/services
UNITED STATES	ACCELL	JOE'S Orthobiologics, Inc.	7/24/2001	76/291,981	10/29/2002	2,644,386	010 - bone implants for use by orthopedic surgeons, neurosurgeons and oral surgeons
UNITED STATES	ACCELL	JOE'S Orthobiologics, Inc.	4/1/2019	88/365,818	4/28/2020	6,040,226	005 - Biological bone tissue intended for subsequent implantation 010 - Bone substitutes for surgical use; Surgical implants comprised of artificial material
UNITED STATES		JOE'S Orthobiologics, Inc.	7/5/2002	76/427,653	3/18/2003	2,697,795	010 - bone implants composed of artificial materials for use by orthopedic surgeons, neurosurgeons and oral surgeons
UNITED STATES	ACCELL CONNEXUS	JOE'S Orthobiologics, Inc.	5/1/2003	78/244,692	7/26/2005	2,978,768	005 - Tissue regeneration membranes; implantable living tissue; and bone implants comprised of living tissue 010 - Surgical implants, namely, bone implants comprised of artificial materials; carrier media for implants namely, polyoxalylened block copolymers, poly(oxyethylene) block copolymers dispersed in solvent, block copolymers dispersed in solvent, poly(oxyethylene) block copolymers dispersed in solvent, sold as an integral component of bone regeneration tissue along with tissue
UNITED STATES	ACCELL FV03	JOE'S Orthobiologics, Inc.	3/31/2008	77/436,215	7/14/2009	3,655,557	010 - surgical implants, namely, bone implants comprised of artificial materials; carrier media for implants, namely, polyoxalones, block copolymers, poly(oxyethylene) block copolymers, polyoxalones dispersed in solvent, block copolymers dispersed in solvent, poly(oxyethylene) block copolymers dispersed in solvent, sold as an integral component of bone regeneration tissue product comprising artificial material
UNITED STATES	ACCELL TBM	JOE'S Orthobiologics, Inc.	11/1/2006	77/034,234	3/25/2008	3,402,474	005 - surgical implants to promote bone regeneration comprising living tissue; living tissue regeneration membranes; bone implants comprising living tissue to be used in orthopedic, reconstructive, neurosurgical, and periodontal bone grafting procedures
UNITED STATES	ACCELL TOTAL BONE MATRIX	JOE'S Orthobiologics, Inc.	3/2/2004	78/377,061	6/20/2006	3,107,688	005 - surgical implants to promote bone regeneration comprising living tissue; living tissue regeneration membranes; bone implants comprising living tissue to be used in orthopedic, reconstructive, neurosurgical, and periodontal bone grafting procedures
UNITED STATES	BALLAST	JOE'S Orthobiologics, Inc.	8/25/2017	87/583,996	4/16/2019	5,728,745	005 - Surgical implants comprising demineralized bone sourced from biological bone tissue to promote bone regeneration; Bone implants composed of demineralized bone sourced from biological bone tissue intended for subsequent implantation; Bone implants comprising demineralized bone sourced from biological bone tissue to be used in orthopedic and spinal surgeries intended for subsequent implantation; Bone regenerating products comprised of demineralized bone in the nature of biological bone tissue intended for subsequent implantation 010 - Implantable medical devices comprised of demineralized bone and resorbable mesh in the nature of Osseous implants made of artificial material; Implantable medical devices comprised of demineralized bone and resorbable mesh for surgical use in the nature of Osseous implants made of artificial materials; Medical devices, namely, implantable demineralized bone and resorbable mesh devices for use in spinal surgeries in the nature of Osseous implants made of artificial materials

EUROPEAN UNION	CURRENT	Boji's Orthobiologics, Inc.	8/1/2019	018102753	12/6/2019	018102753	010 - Synthetic bone grafts
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SeaSpine Trademark Portfolio

10/31/2023

Country	Mark	Owner Name	Filing Date	Application #	Registration Date	Registration #	Goods/Services
SWITZERLAND	CURRENT	Spine Orthobiologics, Inc.	8/2/2019	10278/2019	1/22/2020	CH 741801	010 - Bone implants made of artificial materials
UNITED KINGDOM	CURRENT	Spine Orthobiologics, Inc.	8/1/2019	018102753	12/6/2019	UK00918102753	010 - Synthetic bone grafts
UNITED STATES	CURRENT	Spine Orthobiologics, Inc.	2/1/2019	88/285,944	2/4/2020	5,979,538	010 - Synthetic bone grafts
UNITED STATES	DAYTONA	SeaSpine, Inc.	2/24/2012	85/552,141	6/18/2013	4,352,482	010 - Spinal implants composed of artificial material and surgical and medical apparatus and instruments for use in spinal surgery
UNITED STATES		Spine Orthobiologics, Inc.	1/31/2007	77/085,995	11/9/2010	3,873,658	005 - Surgical implants comprising living tissue; implantable living tissue, namely, bone, demineralized bone matrix, derivatives of demineralized bone powder, and cancellous bone chips; bone grafting products, namely, bone implants comprised of living tissue; bone regenerating products comprised of living tissue, namely, demineralized bone matrix and derivatives of demineralized bone powder
UNITED STATES	DYNAMARF	Spine Orthobiologics, Inc.	5/4/2005	78/623,267	11/21/2006	3,173,317	005 - Biological bone and collagen human tissue intended for subsequent implantation for use in regeneration of bone in human; and bone implants comprised of living tissue 010 - Surgical implants, namely, bone implants comprised of artificial materials
UNITED STATES		Spine Orthobiologics, Inc.	1/31/2007	77/085,811	11/9/2010	3,873,697	005 - Surgical implants comprising living tissue; implantable living tissue, namely, bone, demineralized bone matrix, and derivatives of demineralized bone powder; bone grafting products, namely, bone implants comprised of living tissue; bone regenerating products comprised of living tissue, namely, demineralized bone matrix and derivatives of demineralized bone powder
UNITED STATES	EVO3	Spine Orthobiologics, Inc.	10/12/2012	85/753,346	12/24/2013	4,453,419	005 - Biological bone tissue intended for subsequent implantation 010 - Bone substitutes for surgical uses; Surgical implants comprising artificial material
UNITED STATES	EXPLORER	SeaSpine Orthopedics Corporation	2/22/2020	88/806,808	4/6/2021	6,316,977	010 - Spinal implants composed of artificial material; Surgical implants for use in spinal surgery; Spinal devices, namely, interbody cages; Spinal devices, namely, interbody fusion devices; Implantable spinal devices, namely, implantable spinal devices, namely, interbody fusion devices; all of the foregoing comprising artificial material
CANADA	FLASH	7D Surgical ULC	5/10/2017	1,836,352			009 - Computer software for use in image guided surgery; computer software for use in planning and tracking the position of a patient and for use in tracking the position of medical devices and apparatuses during image guided surgery; computer software for displaying video images for image guided surgical procedures; computer software for medical purposes, namely, for neurosurgical, cranial, orthopedic, spinal, soft tissue, ear, nose and throat (ENT), plastic surgery; radio-surgical and robot-assisted surgical, diagnostic and imaging applications; and for three-dimensionally registering and referencing patient location data. 010 - Electro-medical apparatuses comprising computers and display devices, calibration devices and replacement parts therefor, for neurosurgical, cranial, orthopedic, spinal, soft tissue, ear, nose and throat (ENT), plastic surgery, radio-surgical and robot-assisted applications; medical navigation systems composed of high resolution computers, cameras, monitors, docking stations, webcams, probes, sensors, instrument adaptors, markers, target positioners and cables, and surgical luminaires for use in locating and tracking the position of a patient and of instruments during image guided surgery; image guidance systems composed of system carts, each comprising a computer, mouse, keyboard, foot pedal, monitor, universal power supply, system heads, each comprising light handles, light scanners, optical tracking systems and surgical luminaires for medical purposes, namely, neurosurgical, cranial, orthopedic, spinal, soft tissue, ear, nose and throat (ENT), plastic surgery, radio-surgical and robot-assisted applications



Country	Mark	Owner Name	File Date	Application #	Registration Date	Registration #	Goods/Services
UNITED STATES	FLASH	7D Surgical Inc.	5/8/2017	87/440,263			009 - Computer software for use in image guided surgery; computer software for use in planning and tracking the portion of a patient and for use in tracking the position of medical devices and apparatuses during image guided surgery; computer software for displaying video images for image guided surgical procedures; computer software for medical purposes, namely, for neurosurgical, cranial, orthopedic, spinal, soft tissue, ear, nose and throat (ENT), plastic surgery, radiological and robot-assisted surgical, diagnostic and imaging applications, and for three-dimensionally registering and referencing patient location data 010 - Electro-medical apparatuses comprising computers and display devices, calibration devices and replacement parts therefor, for neurosurgical, cranial, orthopedic, spinal, soft tissue, ear, nose and throat (ENT), plastic surgery, radiological and robot-assisted applications; medical navigation systems composed of high resolution computers, cameras, monitors, docking stations, headsets, probes, sensors, instrument adaptors, markers, target positioners and cables, and surgical luminals for use in locating and tracking the position of a patient and of instruments during image guided surgery; image guidance systems composed of system carts, each comprising a computer, mouse, keyboard, foot pedal, monitor, universal power supply, system heads, each comprising light handles, light scanners, optical tracking systems and surgical luminals for medical purposes, namely, neurosurgical, cranial, orthopedic, spinal, soft tissue, ear, nose and throat (ENT), plastic surgery, radiological and robot-assisted applications
CANADA	FLASH REGISTRATION	7D Surgical ULC	3/28/2017	1,829,745	3/9/2020	TMA1074,642	009 - Computer software for use in image guided surgery applications; computer software for use in planning and tracking the position of a patient and medical devices and apparatus during image guided surgery; computer software for displaying video images for image guided surgical procedures; computer software for medical purposes, namely, for neurosurgical, cranial, orthopedic, spinal, soft tissue, ear, nose and throat (ENT), plastic surgery, radiological and robot-assisted applications, and for three-dimensionally registering and referencing patient location data 010 - Electro-medical apparatuses, namely, computers, computer monitors and display screens and replacement parts therefor, for medical purposes, namely, for neurosurgical, cranial, orthopedic, spinal, soft tissue, ear, nose and throat (ENT), plastic surgery, radiological and robot-assisted applications; medical navigation systems for use in locating and tracking the position of a patient and of instruments during image guided surgery, namely, high resolution computers, cameras, monitors, docking stations, headsets, probes, sensors, instrument adaptors, markers, target positioners and cables; image guidance systems for medical purposes, namely, for neurosurgical, cranial, orthopedic, spinal, soft tissue, ear, nose and throat (ENT), plastic surgery, radiological and robot-assisted applications, namely, system carts, each comprising a computer, mouse, keyboard, foot pedal, monitors, universal power supplies, system heads, each comprising light handles, light scanners, optical tracking systems and surgical luminals
UNITED STATES	FUSION ENGINEERED	Seaspine Orthopedics Corporation	3/24/2020	88/845,520	5/25/2021	6,366,400	004 - Consulting services in the field of spinal surgeries, spinal procedures, and instruments, implants and biologics used in spinal surgeries and spinal procedures; Providing medical information, consultancy and advisory services in the field of spinal surgeries, spinal procedures, and instruments, implants and biologics used in spinal surgeries and spinal procedures
BENELUX	ISOTIS	Isotis Orthobiologics, Inc.	6/21/2001	992004	6/21/2001	687551	001 - Chemische producten voor industriële, wetenschappelijke en farmaceutische doeleinden, alsmede voor land-, tuin- en bosbouwkundige doeleinden; kunststoffen als grondstof; plastic als grondstof; polymeren; dergere materialen voor het vervaardigen van: laboratoriumgeri. 005 - Farmaceutische, diegeneeskundige en hygiënische producten, uitgeroendert hypodermische en cardiovasculaire producten, polymeren te gebruiken als bovullers; bovullers; polymeren te gebruiken als matrix voor gedoseerde afgifte van farmaceutische stoffen; farmaceutische producten voor gedoseerde afgifte; dragematerialen voor het vervoeren van oelen voor medische doeleinden, diefsche substanties voor medisch gebruik, voedingsmiddelen voor baby's; piesters, vervoerematerialen; tandvulmaterialen voor tandartsen; ontsmettingsmiddelen; middelen ter verdeling van orgedelen; schimmelgodeende en ontvulderde gerice middelen. 010 - Chirurgische, medische, tandheelkundige en diegeneeskundige toestellen en instrumenten, uitgeroendert isolatie-, bekersn;gappaaratuur voor kamers voor medisch gebruik; kunstledematen, -ogen, -kanden, -wetrakels, kraakbelen, -hort en -huid; implantaten orthopedische artikelen; hechtmaterial. 002 - Wetenschappelijk onderzoek, ook op medisch gebied; onderzoek en ontwikkeling met betrekking tot (de vervaardiging van) kunstweefsel (tissue engineering). 005 - Pharmaceutical and veterinary preparations excluding hypodermic and cardiovascular preparations. 010 - Surgical, medical, dental and veterinary apparatus and instruments with the exception of insulation control equipment for rooms for medical use, teeth, tissues, bone; orthopedic articles. 002 - Tissue engineering.
EUROPEAN UNION	ISOTIS	Isotis Orthobiologics, Inc.	9/18/1997	633164	11/9/1999	633164	005 - Pharmaceutical and veterinary preparations excluding hypodermic and cardiovascular preparations. 010 - Surgical, medical, dental and veterinary apparatus and instruments with the exception of insulation control equipment for rooms for medical use, teeth, tissues, bone; orthopedic articles. 002 - Tissue engineering.
UNITED KINGDOM	ISOTIS	Isotis Orthobiologics, Inc.	9/18/1997	633164	11/9/1999	UK00900633164	005 - Pharmaceutical and veterinary preparations excluding hypodermic and cardiovascular preparations. 010 - Surgical, medical, dental and veterinary apparatus and instruments with the exception of insulation control equipment for rooms for medical use, teeth, tissues, bone; orthopedic articles. 002 - Tissue engineering.

UNITED STATES	ISOTIS	ISOTIS Orthobiologics, Inc.	10/6/1997	79/368,805	1/21/2003	2,678,384	010 - Surgical, medical, apparatus and instruments, namely, biological tissue in the nature of bone
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Country	Mark	Owner Name	Filing Date	Application #	Registration Date	Registration #	Goods/Services
BELUX	ISOTS ORTHOBIOLOGICS	KoT's Orthobiologics, Inc.	8/1/2003	1037505	8/1/2003	748468	<p>001 - Chemische producten voor industriële en wetenschappelijke doeleinden, te weten keramische materialen te gebruiken bij de vervaardiging van maten voor gedoseerde afgifte van medicijnen, botvullers, kunstborst gewricht en implantaten; polymer borst of halieles (grondstoffen) voor vervaardigingdoeleinden; dragemateriaal voor het wisselen van cellen, voor gebruik in vitro, laboratoriumonderzoek of wetenschappelijk gebruik.</p> <p>005 - Proteïnen en peptiden te gebruiken als groeifactoren voor weefsel en bloed; menselijke groeihormonen, peisters voor medisch gebruik; chirurgische verbandmiddelen en verbandmiddelen voor brandwonden en verwondingen; tandvulmiddelen en adreïcumateriaal voor tandasten; ontsmettingsmiddelen voor alle doeleinden; regeneratiemembranen voor weefsel; te implanteren levend weefsel en botimplantaten bestaande uit levend weefsel; biologisch weefsel met het doel te gebruiken voor latere implantatie, met name bot, huid en kraakbeen, tevens voorzien van proteïnen of peptiden of groeihormoon; keramiek te gebruiken als botvullers; polymeren te gebruiken als botvullers voor medische doeleinden, tevens voorzien van proteïnen of peptiden of groeihormoon; botvullers voor medische doeleinden, tevens voorzien van proteïnen of peptiden of groeihormoon.</p> <p>010 - Kunstlederen; kunstborst; kunstastren; chirurgische implantaten die levend weefsel, kraakbeen, bot en huid bevatten; chirurgische implantaten, te weten botimplantaten bestaande uit kunststof; materialen, dragemedia voor implantaat; synthetische bot veranagers; kunsthuid, bot en -kraakbeen voor medische en chirurgische doeleinden en voor onderzoek; kunstbot en -kraakbeen voor implantaat; met name bot, huid en kraakbeen; kunstborst en -kraakbeen voor implantaat en onderzoek; orthopedische artikelen, namelijk kunstgewrichten en -implantaten in de zin van kunstmatige gewrichtsimplantaten, botimplantaten voor ruggengraten in de zin van vermetingsbeschermingen, platen, staven en schroeven; de voornoemde waren tevens voorzien van proteïnen of peptiden of groeihormonen.</p> <p>042 - Wetenschappelijk onderzoek ook op medisch gebied.</p>
							<p>044 - Medische diensten, te weten ontwikkelen en vervaardigen van kunstweefsel (tissue engineering), wisselen van cellen door middel van tissue engineering, wisselen van bot; medisch onderzoek.</p>
CANADA	ISOTS ORTHOBIOLOGICS	KoT's Orthobiologics, Inc.	8/12/2003	1,187,349	2/23/2005	TM6633564	<p>000 - GOODS</p> <p>[1] Chemicals used in industry or science, namely, ceramic materials for use in the manufacture of matrices for controlled release of medicines, bone fillers, artificial bone, joints and implants; polymer beads or pellets for use in manufacturing carrier material for the cultivation of cells; for use in vitro, scientific or research use; proteins and peptides for use as tissue growth factors and blood growth factors; human growth hormones; plasters for medical use; surgical burn and wound dressings; material for stopping teeth; dental wax; all purpose disinfectants; tissue regeneration membranes; implantable living tissue and bone implants comprised of living tissue; artificial limbs, artificial eyes, artificial teeth; surgical implants comprising living tissue and implantable living tissue and bone implants comprised of living tissue; artificial limbs, artificial eyes, artificial teeth; surgical implants comprising living tissue, cartilage, bone and skin; surgical implants, namely, bone implants comprised of artificial materials, carrier media for implants; synthetic bone substitutes; artificial skin, bone and cartilage for medical and surgical purposes and for research; biological tissue intended for subsequent implantation, specifically bone, skin and cartilage; artificial bone and cartilage for implementation, specifically bone, skin and cartilage; artificial bone and cartilage for implementation and research; orthopedic articles, namely, artificial joints and implants in the nature of artificial joint implants, bone implants in the nature of spinal fusion cages, plates, rods, and screws; ceramic to be used as bone fillers; polymers to be used as bone fillers for medical purposes; bone fillers for medical purposes; the aforesaid goods also provided with proteins or peptides or growth hormones.</p> <p>SERVICES:</p> <p>[1] Scientific research; medical research; medical services; namely, tissue engineering, cell cultivation by means of tissue engineering, bone cultivation.</p>
EUROPEAN UNION	ISOTS ORTHOBIOLOGICS	KoT's Orthobiologics, Inc.	8/1/2003	3294861	3/23/2006	3294861	<p>001 - Chemicals used in industry or science, namely ceramic materials for use in the manufacture of matrices for controlled release of medicines, bone fillers, artificial bone, joints and implants; polymer beads or pellets for use in manufacturing carrier material for the cultivation of cells; for use in vitro, scientific or research use.</p> <p>005 - Proteins and peptides for use as tissue growth factors and blood growth factors; human growth hormones; plasters for medical use; surgical, burn and wound dressings; material for stopping teeth; dental wax; all purpose disinfectants; tissue regeneration membranes; implantable living tissue and bone implants comprised of living tissue.</p> <p>010 - Artificial limbs; artificial eyes; artificial teeth; surgical implants comprising living tissue, cartilage, bone and skin; surgical implants, namely bone implants comprised of artificial materials, carrier media for implants; synthetic bone substitutes; artificial skin, bone and cartilage for medical and surgical purposes and for research; biological tissue intended for subsequent implantation, specifically bone, skin and cartilage; artificial bone and cartilage for implementation, specifically bone, skin and cartilage; artificial bone and cartilage for implementation and research; orthopedic articles, namely, artificial joints and implants in the nature of artificial joint implants, bone implants in the nature of spinal fusion cages, plates, rods, and screws; ceramic to be used as bone fillers; polymers to be used as bone fillers for medical purposes; bone fillers for medical purposes; the aforesaid goods also provided with proteins or peptides or growth hormones.</p> <p>042 - Scientific research; medical research.</p> <p>044 - Medical services, namely, tissue engineering, cell cultivation by means of tissue engineering, bone cultivation.</p>





Country	Mark	Owner Name	File Date	Application #	Registration Date	Registration #	Goods/Services
SWITZERLAND	ISOTIS ORTHOBIOLOGICS	ISOTIS Orthobiologics, Inc.	1/21/2004	824203	1/21/2004	824203	<p>001 - Produits chimiques destinés à l'industrie ou aux sciences, à savoir: matériaux céramiques à utiliser pour la fabrication de matrices pour la remise en place de médicaments, de matrices de remplissage d'os, d'os artificiel, d'articulations et d'implants; granulés ou boules de polymère (matrices primaires) destinés à la fabrication; substrats pour la culture de cellules, utilisés in vitro, à des buts scientifiques ou en recherche en laboratoire.</p> <p>005 - Protéines et peptides à utiliser comme facteurs de croissance pour tissu et sang; hormones de croissance d'origine humaine; emplâtres à usage médical; matériel pour pansements chirurgicaux et pansements pour brûlures et blessures; matières pour planifier les dents et pour empreintes dentaires; désinfectants; membranes de régénération pour tissus; implants chirurgicaux (tissu vivant); tels qu'implants d'os; implants chirurgicaux (tissu biologique) notamment os, peau et cartilage, additifs de protéines, de peptides ou d'hormones de croissance.</p> <p>010 - Membres artificiels; yeux artificiels; dents artificielles; implants chirurgicaux; à savoir: implants d'os formés de matériaux artificiels; matériel de support pour implants; substrats synthétiques d'os; peau, os et cartilage artificiels à des fins médicales; chirurgicales et pour la recherche; articles orthopédiques, notamment articulations et autres implants artificiels, notamment implants articulaires artificiels, implants d'os pour colonnes vertébrales, notamment capsules assimilables par la colonne vertébrale, plaques, barres et vis; les produits précités étant additifs de protéines ou de peptides ou d'hormones de croissance.</p> <p>042 - Recherche scientifique; recherche médicale; développement et culture de tissus artificiels et de cellules (gels "tissue engineering"); culture de tissus osseux; 044 - Services médicaux.</p>
UNITED KINGDOM	ISOTIS ORTHOBIOLOGICS	ISOTIS Orthobiologics, Inc.	8/1/2003	3294961	3/23/2006	UK00903294961	<p>010 - Artificial limbs; artificial teeth; surgical implants comprising living tissue; cartilage; bone and skin; surgical implants; namely: bone implants comprised of artificial materials; carrier med a for implants; synthetic bone substitutes; artificial skin, bone and cartilage for medical and surgical purposes and for research; biological tissue intended for subsequent implantation, specifically bone, skin and cartilage; artificial bone and cartilage for implantation, specifically bone, skin and cartilage; artificial bone and cartilage for implantation and research; orthopedic articles, namely: artificial joints and implants in the nature of artificial joint implants; bone implants in the nature of spinal fusion cages; plates, rods, and screws; ceramic to be used as bone fillers; polymers to be used as bone fillers for medical purposes; bone fillers for medical purposes; the aforesaid goods also provided with proteins or peptides or growth hormones.</p> <p>042 - Scientific research; medical research.</p> <p>044 - Medical services, namely: tissue engineering; cell cultivation by means of tissue engineering; bone cultivation.</p> <p>001 - Produits chimiques destinés à l'industrie ou aux sciences, à savoir: matériaux céramiques à utiliser pour la fabrication de matrices pour la remise en place de médicaments, de matrices de remplissage d'os, d'os artificiel, d'articulations et d'implants; granulés ou boules de polymère (matrices primaires) destinés à la fabrication; substrats pour la culture de cellules, utilisés in vitro, à des buts scientifiques ou en recherche en laboratoire.</p> <p>005 - Protéines et peptides à utiliser comme facteurs de croissance pour tissu et sang; hormones de croissance d'origine humaine; emplâtres à usage médical; matériel pour pansements chirurgicaux et pansements pour brûlures et blessures; matières pour planifier les dents et pour empreintes dentaires; désinfectants; membranes de régénération pour tissus; implants chirurgicaux (tissu vivant); tels qu'implants d'os; implants chirurgicaux (tissu biologique) notamment os, peau et cartilage, additifs de protéines, de peptides ou d'hormones de croissance.</p> <p>010 - Membres artificiels; yeux artificiels; dents artificielles; implants chirurgicaux; à savoir: implants d'os formés de matériaux artificiels; matériel de support pour implants; substrats synthétiques d'os; peau, os et cartilage artificiels à des fins médicales; chirurgicales et pour la recherche; articles orthopédiques, notamment articulations et autres implants artificiels, notamment implants articulaires artificiels, implants d'os pour colonnes vertébrales, notamment capsules assimilables par la colonne vertébrale, plaques, barres et vis; les produits précités étant additifs de protéines ou de peptides ou d'hormones de croissance.</p> <p>042 - Recherche scientifique; recherche médicale; développement et culture de tissus artificiels et de cellules (gels "tissue engineering"); culture de tissus osseux; 044 - Services médicaux.</p>
WIPO	ISOTIS ORTHOBIOLOGICS	ISOTIS Orthobiologics, Inc.	1/21/2004	824203	1/21/2004	824203	<p>001 - Produits chimiques destinés à l'industrie ou aux sciences, à savoir: matériaux céramiques à utiliser pour la fabrication de matrices pour la remise en place de médicaments, de matrices de remplissage d'os, d'os artificiel, d'articulations et d'implants; granulés ou boules de polymère (matrices primaires) destinés à la fabrication; substrats pour la culture de cellules, utilisés in vitro, à des buts scientifiques ou en recherche en laboratoire.</p> <p>005 - Protéines et peptides à utiliser comme facteurs de croissance pour tissu et sang; hormones de croissance d'origine humaine; emplâtres à usage médical; matériel pour pansements chirurgicaux et pansements pour brûlures et blessures; matières pour planifier les dents et pour empreintes dentaires; désinfectants; membranes de régénération pour tissus; implants chirurgicaux (tissu vivant); tels qu'implants d'os; implants chirurgicaux (tissu biologique) notamment os, peau et cartilage, additifs de protéines, de peptides ou d'hormones de croissance.</p> <p>010 - Membres artificiels; yeux artificiels; dents artificielles; implants chirurgicaux; à savoir: implants d'os formés de matériaux artificiels; matériel de support pour implants; substrats synthétiques d'os; peau, os et cartilage artificiels à des fins médicales; chirurgicales et pour la recherche; articles orthopédiques, notamment articulations et autres implants artificiels, notamment implants articulaires artificiels, implants d'os pour colonnes vertébrales, notamment capsules assimilables par la colonne vertébrale, plaques, barres et vis; les produits précités étant additifs de protéines ou de peptides ou d'hormones de croissance.</p> <p>042 - Recherche scientifique; recherche médicale; développement et culture de tissus artificiels et de cellules (gels "tissue engineering"); culture de tissus osseux; 044 - Services médicaux.</p>

UNITED STATES	MANITA RAY	ResSpine Orthopedics Corporation	12/22/2021	97/185,133 (1U)			010 - Spinal implants composed of artificial material and associated surgical instrument sets; Spinal implants composed of artificial material for use in anterior cervical spine surgeries and associated surgical instrument sets
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Country	Mark	Owner Name	Filing Date	Application #	Registration Date	Registration #	Goods/Services
AUSTRALIA	MANNER	SeaSpine Orthopedics Corporation	5/31/2019	2013131	5/18/2020	2013131	10 - Implantable medical devices, namely, pedicle screws, spinal rods, and connectors; Medical apparatus for use in spinal surgeries, not being catheters or electrophysiological apparatus; Surgical apparatus for use in spinal surgeries, not being catheters or electrophysiological apparatus; Surgical implants for use in spinal surgeries comprising artificial materials, not being catheters or for electrophysiological purposes; Spinal implants composed of artificial material, not being catheters or for electrophysiology purposes; Spinal devices, namely, pedicle screws, spinal rods, and connectors; Bone screws, namely, pedicle screws; Medical devices, namely, connecting rods for spinal surgery; Medical devices, namely, cross connectors for spinal surgery; Locking bone screws; Bone implants comprised of artificial materials
BRAZIL	MANNER	SeaSpine Orthopedics Corporation	6/13/2019	917512502	1/7/2020	917512502	1010 - Implantable medical devices, namely, pedicle screws, spinal rods, and connectors; Medical apparatus for use in spinal surgeries; Surgical apparatus; Surgical implants comprising artificial materials; Spinal implants composed of artificial material; Spinal devices, namely, pedicle screws, spinal rods, and connectors; Bone screws, namely, pedicle screws; Medical devices, namely, connecting rods for spinal surgery; Medical devices, namely, cross connectors for spinal surgery; Locking bone screws; Bone implants comprised of artificial materials
EUROPEAN UNION	MANNER	SeaSpine Orthopedics Corporation	6/5/2019	018078086	10/23/2019	018078086	1010 - Implantable medical devices, namely, pedicle screws, spinal rods, and connectors; Medical apparatus for use in spinal surgeries; Surgical apparatus; Surgical implants comprising artificial materials; Spinal implants composed of artificial material; Spinal devices, namely, pedicle screws, spinal rods, and connectors; Bone screws, namely, pedicle screws; Medical devices, namely, connecting rods for spinal surgery; Medical devices, namely, cross connectors for spinal surgery; Locking bone screws; Bone implants comprised of artificial materials
UNITED KINGDOM	MANNER	SeaSpine Orthopedics Corporation	6/5/2019	018078086	10/23/2019	UK00918078086	1010 - Implantable medical devices, namely, pedicle screws, spinal rods, and connectors; Medical apparatus for use in spinal surgeries; Surgical apparatus; Surgical implants comprising artificial materials; Spinal implants composed of artificial material; Spinal devices, namely, pedicle screws, spinal rods, and connectors; Bone screws, namely, pedicle screws; Medical devices, namely, connecting rods for spinal surgery; Medical devices, namely, cross connectors for spinal surgery; Locking bone screws; Bone implants comprised of artificial materials
UNITED KINGDOM	MANNER	SeaSpine Orthopedics Corporation	6/5/2019	3404699	8/23/2019	3404699	1010 - Implantable medical devices, namely, pedicle screws, spinal rods, and connectors; Medical apparatus for use in spinal surgeries; Surgical apparatus; Surgical implants comprising artificial materials; Spinal implants composed of artificial material; Spinal devices, namely, pedicle screws, spinal rods, and connectors; Bone screws, namely, pedicle screws; Medical devices, namely, connecting rods for spinal surgery; Medical devices, namely, cross connectors for spinal surgery; Locking bone screws; Bone implants comprised of artificial materials
UNITED STATES	MANNER	SeaSpine Orthopedics Corporation	4/28/2016	87/017,642	3/21/2017	5,168,317	1010 - Implantable medical devices, namely, pedicle screws, spinal rods, and connectors; Medical apparatus for use in spinal surgeries; Surgical apparatus; Surgical implants comprising artificial materials; Spinal implants composed of artificial material; Spinal devices, namely, pedicle screws, spinal rods, and connectors; Bone screws, namely, pedicle screws; Medical devices, namely, connecting rods for spinal surgery; Medical devices, namely, cross connectors for spinal surgery; Locking bone screws; Bone implants comprised of artificial materials
AUSTRALIA	MANNER	SeaSpine Orthopedics Corporation	7/17/2020	2104385	10/21/2020	2104385	1010 - Spinal implants composed of artificial materials and instrumentation, therefore; Surgical instruments for use in spinal surgery; Medical apparatus for use in spinal surgeries
EUROPEAN UNION	MANNER	SeaSpine Orthopedics Corporation	8/7/2020	018286054	12/29/2020	018286054	1010 - Spinal implants composed of artificial materials and instrumentation, therefore; Surgical instruments for use in spinal surgery; medical apparatus for use in spinal surgeries
MEXICO	MANNER	SeaSpine Orthopedics Corporation	8/6/2020	2400528	2/17/2021	2206044	1010 - Spinal implants composed of artificial materials and instrumentation, therefore; Surgical instruments for use in spinal surgery; medical apparatus for use in spinal surgeries
NEW ZEALAND	MANNER	SeaSpine Orthopedics Corporation	7/17/2020	1153880	1/19/2021	1153880	1010 - Spinal implants composed of artificial materials and instrumentation, therefore; Surgical instruments for use in spinal surgery; Medical apparatus for use in spinal surgeries
UNITED KINGDOM	MANNER	SeaSpine Orthopedics Corporation	8/7/2020	018286054	12/29/2020	UK00918286054	1010 - Spinal implants composed of artificial materials and instrumentation, therefore; Surgical instruments for use in spinal surgery; medical apparatus for use in spinal surgeries

UNITED STATES	MERIDIAN	SpasSonic Orthopedics Corporation	2/7/2020	88/788,567	6/29/2021	6,404,574	2010 - Spinal implants composed of artificial materials and instrumentation therefor; Surgical instruments for use in spinal surgery; Medical apparatus for use in spinal surgeries
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Country	Mark	Owner Name	Filing Date	Application #	Registration Date	Registration #	Goods/Services
EUROPEAN UNION	NANOMETALENE	Seaspine Orthopedics Corporation	8/8/2014	13137532	12/30/2014	13137532	010 - Surgical implants comprising artificial material, coatings sold as an integral component of implantable medical devices.
UNITED KINGDOM	NANOMETALENE	Seaspine Orthopedics Corporation	8/8/2014	13137532	12/30/2014	UK00913137532	010 - Surgical implants comprising artificial material, coatings sold as an integral component of implantable medical devices.
UNITED STATES	NANOMETALENE	Seaspine Orthopedics Corporation	5/28/2013	857,943,357	7/1/2014	4,561,313	010 - Surgical implants comprising artificial material, coatings sold as an integral component of implantable medical devices
UNITED STATES	NANOTIDE	Seaspine Orthopedics Corporation	12/2/2021	977152,351 (TTU)			010 - Spinal implants composed of artificial material
AUSTRALIA	NORHSTAR	Seaspine Orthopedics Corporation	11/4/2019	2048482	4/6/2020	2048482	010 - Medical apparatus for use in spinal surgeries; Surgical instruments for use in spinal surgery; Medical devices, namely, spinal implants composed of artificial materials and instrumentation therefor; Spinal implants composed of artificial material; Implantable medical devices, namely, lateral mass screws, pedicle screws, spinal rods, occipital plates, and connectors for use as spinal implants; Spinal devices, namely, lateral mass screws, pedicle screws, occipital plates, occipital screws, and connectors; Posterior Occipital Cervical Thoracic spinal implants
EUROPEAN UNION	NORHSTAR	Seaspine Orthopedics Corporation	11/4/2019	018146568	2/29/2020	018146568	010 - Medical apparatus for use in spinal surgeries; Surgical instruments for use in spinal surgery; Medical devices, namely, spinal implants composed of artificial materials and instrumentation therefor; Spinal implants composed of artificial material; Implantable medical devices, namely, lateral mass screws, pedicle screws, spinal rods, occipital plates, and connectors for use as spinal implants; Spinal devices, namely, lateral mass screws, pedicle screws, spinal rods, occipital plates, occipital screws, and connectors; Posterior Occipital Cervical Thoracic spinal implants.
MEXICO	NORHSTAR	Seaspine Orthopedics Corporation	11/20/2019	2294003	1/25/2021	2197650	010 - MEDICAL APPARATUS FOR USE IN SPINAL SURGERIES; SURGICAL INSTRUMENTS FOR USE IN SPINAL SURGERY; MEDICAL DEVICES, NAMELY, SPINAL IMPLANTS COMPOSED OF ARTIFICIAL MATERIALS AND INSTRUMENTATION THEREFOR; SPINAL IMPLANTS COMPOSED OF ARTIFICIAL MATERIAL; IMPLANTABLE MEDICAL DEVICES, NAMELY, LATERAL MASS SCREWS, PEDICLE SCREWS, SPINAL RODS, OCCIPITAL PLATES, AND CONNECTORS FOR USE AS SPINAL IMPLANTS; SPINAL DEVICES, NAMELY, LATERAL MASS SCREWS, PEDICLE SCREWS, SPINAL RODS, OCCIPITAL PLATES, OCCIPITAL SCREWS, AND CONNECTORS; POSTERIOR OCCIPITAL CERVICAL THORACIC SPINAL IMPLANTS.
NEW ZEALAND	NORHSTAR	Seaspine Orthopedics Corporation	11/4/2019	1133846	5/5/2020	1133846	010 - Medical apparatus for use in spinal surgeries; Surgical instruments for use in spinal surgery; Medical devices, namely, spinal implants composed of artificial materials and instrumentation therefor; Spinal implants composed of artificial material; Implantable medical devices, namely, lateral mass screws, pedicle screws, spinal rods, occipital plates, and connectors for use as spinal implants; Spinal devices, namely, lateral mass screws, pedicle screws, spinal rods, occipital plates, occipital screws, and connectors; Posterior Occipital Cervical Thoracic spinal implants
UNITED KINGDOM	NORHSTAR	Seaspine Orthopedics Corporation	11/4/2019	018146568	2/29/2020	UK00918146568	010 - Medical apparatus for use in spinal surgeries; Surgical instruments for use in spinal surgery; Medical devices, namely, spinal implants composed of artificial materials and instrumentation therefor; Spinal implants composed of artificial material; Implantable medical devices, namely, lateral mass screws, pedicle screws, spinal rods, occipital plates, and connectors for use as spinal implants; Spinal devices, namely, lateral mass screws, pedicle screws, spinal rods, occipital plates, occipital screws, and connectors; Posterior Occipital Cervical Thoracic spinal implants.
UNITED STATES	NORHSTAR	Seaspine Orthopedics Corporation	5/21/2019	887,440,180	12/15/2020	6,222,814	010 - Medical apparatus for use in spinal surgeries; Surgical instruments for use in spinal surgery; Medical devices, namely, spinal implants composed of artificial materials and instrumentation therefor; Spinal implants composed of artificial material; Implantable medical devices, namely, lateral mass screws, pedicle screws, spinal rods, occipital plates, and connectors for use as spinal implants; Spinal devices, namely, lateral mass screws, pedicle screws, spinal rods, occipital plates, occipital screws, and connectors; Posterior Occipital Cervical Thoracic spinal implants
UNITED STATES	ORTHOBLAST	JOE'S Orthobiologics, Inc.	8/11/1999	751772,808	7/10/2001	2,468,386	010 - Bone implants for use by orthopedic surgeons, neurosurgeons and oral surgeons



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EUROPEAN UNION	OSSATURA	koTi's Orthobiologics, Inc.	11/27/2001	2479988	2/18/2003	2479988	005 - Pharmaceutical, veterinary and sanitary preparations; dietetic substances adapted for medical use; food for babies; plasters, materials for dressings; material for stopping teeth; dental wax; disinfectants; preparations for destroying vermin; fungicides, herbicides. 010 - Surgical, medical, dental and veterinary apparatus and instruments; artificial limbs, eyes, teeth, tissue, bone, cartilage and skin orthopedic articles; suture materials. 042 - Scientific research; medical research, i.e. in the field of tissue engineering; cultivation of cells by means of tissue engineering; cultivation of bone.
UNITED KINGDOM	OSSATURA	koTi's Orthobiologics, Inc.	11/27/2001	2479988	2/18/2003	UK00902479988	005 - Pharmaceutical, veterinary and sanitary preparations; dietetic substances adapted for medical use; food for babies; plasters, materials for dressings; material for stopping teeth; dental wax; disinfectants; preparations for destroying vermin; fungicides, herbicides. 010 - Surgical, medical, dental and veterinary apparatus and instruments; artificial limbs, eyes, teeth, tissue, bone, cartilage and skin orthopedic articles; suture materials. 042 - Scientific research; medical research, i.e. in the field of tissue engineering; cultivation of cells by means of tissue engineering; cultivation of bone.
UNITED STATES	OSTEOBALAST	koTi's Orthobiologics, Inc.	8/25/2017	87,584,010	4/16/2019	5,728,747	005 - Surgical implants comprising demineralized bone sourced from biological bone tissue to promote bone regeneration; Bone implants composed of demineralized bone sourced from biological bone tissue intended for subsequent implantation; Bone implants comprising demineralized bone sourced from biological bone tissue to be used in orthopedic and spinal surgeries intended for subsequent implantation; Bone regenerating products composed of demineralized bone in the nature of biological bone tissue intended for subsequent implantation 010 - Implantable medical devices comprised of demineralized bone and resorbable mesh in the nature of Osseous implants made of artificial materials; Implantable medical devices comprised of demineralized bone and resorbable mesh for surgical use in the nature of Osseous implants made of artificial materials; Implantable medical devices comprised of demineralized bone and resorbable mesh for bone regeneration in the nature of Osseous implants made of artificial materials; Medical devices, namely, implantable demineralized bone and resorbable mesh devices for use in spinal surgeries in the nature of Osseous implants made of artificial materials
EUROPEAN UNION	OSTEOCURENT	koTi's Orthobiologics, Inc.	8/1/2019	018102756	12/6/2019	018102756	010 - Synthetic bone grafts
SWITZERLAND	OSTEOCURENT	koTi's Orthobiologics, Inc.	8/2/2019	10279/2019	1/22/2020	CH 741802	010 - Bone implants made of artificial materials
UNITED KINGDOM	OSTEOCURENT	koTi's Orthobiologics, Inc.	8/1/2019	018102756	12/6/2019	UK00918102756	010 - Synthetic bone grafts
UNITED STATES	OSTEOCURENT	koTi's Orthobiologics, Inc.	2/1/2019	88,285,954	2/4/2020	5,979,539	010 - Synthetic bone grafts





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Country	Mark	Owner Name	Filing Date	Application #	Registration Date	Registration #	Goods/Services
UNITED STATES	OSTEORUSH	Spine Orthobiologics, Inc.	7/28/2021	90/852,703 (ITU)			005 - Implants comprised of demineralized bone matrix to be used in orthopedic and spinal surgeries; Bone graft material comprised of demineralized bone matrix; Human allograft tissue in the nature of demineralized bone matrix used for orthopedic and spinal surgeries; Surgical implants comprised of demineralized bone matrix; Biological bone tissue intended for subsequent implantation
UNITED STATES	OSTEOSPARK	Spine Orthobiologics, Inc.	9/30/2009	77/887,883	1/25/2011	3,912,019	005 - Surgical implants comprising material derived from living tissue; human tissue allograft material; bone graft material comprising demineralized bone matrix
UNITED STATES	OSTEOSTRAND	Spine Orthobiologics, Inc.	12/6/2017	877/09,673	7/30/2019	5,822,536	005 - Human allograft tissue in the nature of demineralized bone matrix used for orthopedic and spinal surgeries; Bone implants comprising demineralized bone matrix to be used in orthopedic and spinal surgeries
UNITED STATES	OSTEOSTRUX	SeaSpine Orthopedics Corporation	9/30/2009	77/887,871	11/23/2010	3,881,271	010 - Surgical implants comprising artificial material; bone substitute for surgical use
UNITED STATES	OSTEODORIENT	Spine Orthobiologics, Inc.	7/28/2021	90/852,529	11/15/2022	6,902,864	005 - Implants comprised of demineralized bone matrix to be used in orthopedic and spinal surgeries; Bone graft material comprised of demineralized bone matrix; Human allograft tissue in the nature of demineralized bone matrix used for orthopedic and spinal surgeries; Surgical implants comprised of demineralized bone matrix; Biological bone tissue intended for subsequent implantation
AUSTRALIA	OUTRIGGER	SeaSpine Orthopedics Corporation	6/6/2019	2014464	1/14/2020	2014464	010 - Surgical implants comprising artificial materials; Spinal implants composed of artificial material; Bone implants comprised of artificial materials; Medical apparatus for use in spinal surgeries; Implantable medical devices, namely, spinal rods and connectors; Spinal devices, namely, spinal rods and connectors; Medical devices, namely, connecting rods for spinal surgery; Medical devices, namely, cross connectors for spinal surgery
BRAZIL	OUTRIGGER	SeaSpine Orthopedics Corporation	6/14/2019	917531604	3/17/2020	917531604	010 - Surgical implants comprising artificial materials; Spinal implants composed of artificial material; Bone implants comprised of artificial materials; Medical apparatus for use in spinal surgeries; Implantable medical devices, namely, spinal rods and connectors; Spinal devices, namely, spinal rods and connectors; Medical devices, namely, connecting rods for spinal surgery; Medical devices, namely, cross connectors for spinal surgery
UNITED KINGDOM	OUTRIGGER	SeaSpine Orthopedics Corporation	11/27/2019	UK00003446022	2/7/2020	UK00003446022	010 - Surgical implants comprising artificial materials; Spinal implants composed of artificial material; Bone implants comprised of artificial materials; Medical apparatus for use in spinal surgeries; Implantable medical devices, namely, spinal rods and connectors; Spinal devices, namely, spinal rods and connectors; Medical devices, namely, connecting rods for spinal surgery; Medical devices, namely, cross connectors for spinal surgery



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UNITED STATES	OUTRIGGER	Seaspine Orthopedics Corporation	5/29/2019	88/451,232	7/21/2020	6,109,547	010 - Surgical implants comprising artificial materials; Spinal implants composed of artificial materials; Medical apparatus for use in spinal surgeries; Implantable medical devices, namely, spinal rods and connectors; Spinal devices, namely, spinal rods and connectors; Medical devices, namely, connecting rods for spinal surgery; Medical devices, namely, cross connectors for spinal surgery
AUSTRALIA	RAID	Seaspine Orthopedics Corporation	11/8/2017	01885355	6/13/2018	1885355	010 - Medical device instrumentation, namely, bone graft material delivery device with rack and pinion mechanism; Medical apparatus for use in orthopedic and spinal surgeries; Surgical bone graft material delivery device with rack and pinion mechanism; Orthopedic and spinal devices, namely, bone graft material delivery device with rack and pinion mechanism
UNITED STATES	RAID	Seaspine Orthopedics Corporation	5/11/2017	87/446,378	5/8/2018	5,466,093	010 - Medical device instrumentation, namely, bone graft material delivery device with rack and pinion mechanism; Medical apparatus for use in orthopedic and spinal surgeries; Surgical bone graft material delivery device with rack and pinion mechanism; Orthopedic and spinal devices, namely, bone graft material delivery device with rack and pinion mechanism
EUROPEAN UNION	RAID: RACK AND PINION INTEGRATED DELIVERY	Seaspine Orthopedics Corporation	1/5/2018	17657628	5/10/2018	017657628	010 - Medical device instrumentation, namely, bone graft material delivery device with rack and pinion mechanism; Medical apparatus for use in orthopedic and spinal surgeries; Surgical apparatus; Surgical bone graft material delivery device with rack and pinion mechanism; Orthopedic and spinal devices, namely, bone graft material delivery device with rack and pinion mechanism
UNITED KINGDOM	RAID: RACK AND PINION INTEGRATED DELIVERY	Seaspine Orthopedics Corporation	1/5/2018	17657628	5/10/2018	UK00917657628	010 - Medical device instrumentation, namely, bone graft material delivery device with rack and pinion mechanism; Medical apparatus for use in orthopedic and spinal surgeries; Surgical apparatus; Surgical bone graft material delivery device with rack and pinion mechanism; Orthopedic and spinal devices, namely, bone graft material delivery device with rack and pinion mechanism
AUSTRALIA	REF	Seaspine Orthopedics Corporation	8/25/2020	2114335	11/23/2020	2114335	010 - Spinal implants composed of artificial material
EUROPEAN UNION	REF	Seaspine Orthopedics Corporation	8/24/2020	018294683	12/15/2020	018294683	010 - Spinal implants composed of artificial material
MEXICO	REF	Seaspine Orthopedics Corporation	8/25/2020	2410973	10/29/2020	2166998	010 - Spinal implants composed of artificial material
NEW ZEALAND	REF	Seaspine Orthopedics Corporation	8/25/2020	1157199	2/26/2021	1157199	010 - Spinal implants composed of artificial material



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UNITED KINGDOM	REEF	Seaspine Orthopedics Corporation	8/24/2020	018294683	12/15/2020	UK00918294683	010 - Spinal implants composed of artificial material
UNITED STATES	REEF	Seaspine Orthopedics Corporation	3/9/2020	88/826,961	8/25/2020	6,136,410	010 - Spinal implants composed of artificial material
UNITED STATES	REEFTOPOGRAPHY	Seaspine Orthopedics Corporation	7/12/2019	88/511,621	11/30/2021	6,577,061	010 - Spinal implants composed of artificial material
UNITED STATES	REGATTA	Seaspine Orthopedics Corporation	11/2/2017	87/670,288	12/18/2018	5,634,253	010 - Implantable medical devices, namely, bone plates and interbody cages composed of artificial materials; Medical apparatus for use in spinal surgeries; Surgical apparatus; Surgical implants comprising artificial materials; Spinal implants composed of artificial material; Bone plates and interbody cages composed of artificial material; Medical devices, namely, spinal plates for use in surgery; Bone implants composed of artificial material
AUSTRALIA	SEASPIVE	Seaspine, Inc.	11/18/2014	1658893	5/20/2015	1658893	005 - Biological bone tissue intended for subsequent implantation; Human allograft bone and tissue; Implants comprising living tissue; Surgical implants comprising living tissue.
BRAZIL	SEASPIVE	Seaspine, Inc.	11/24/2014	908.638.027	1/28/2020	906638027	010 - Bone implants composed of artificial materials; Bone void fillers consisting primarily of synthetic materials and also incorporating biological materials; Prosthetic and filling materials, namely, putty for use in the replacement of bones; Synthetic bone grafts; Bone implants composed of artificial materials; Medical devices, namely, spinal implants composed of artificial materials; Medical, surgical and orthopaedic implants made of artificial materials; Spinal implants composed of artificial material; Surgical implants comprising artificial material and associated surgical instrument sets.
BRAZIL	SEASPIVE	Seaspine, Inc.	11/24/2014	908.637.985	6/6/2017	906637985	005 - Biological bone tissue intended for subsequent implantation; Human allograft bone and tissue; Implants comprising living tissue; Surgical implants comprising living tissue.
CANADA	SEASPIVE	Seaspine, Inc.	11/18/2014	1703270	11/17/2017	TM9685,084	000 - Biological bone tissue intended for subsequent implantation; Human allograft bone and tissue; Implants comprising living tissue; Surgical implants comprising living tissue; Bone implants composed of artificial materials; Bone void fillers consisting primarily of synthetic materials and also incorporating biological materials; Prosthetic and filling materials, namely, putty for use in the replacement of bones; Prosthetic and filling materials, namely, artificial materials for use in the replacement of bones; Synthetic bone grafts; Bone implants composed of artificial materials; Medical devices, namely, spinal implants composed of artificial materials; Medical, surgical and orthopaedic implants made of artificial materials; Surgical implants comprising artificial material and associated surgical instrument sets; Spinal implants comprising living tissue; Spinal implants composed of artificial material.
CHINA	SEASPIVE	Seaspine, Inc.	11/28/2014	15813010	5/21/2017	15813010	010 - Bone implants composed of artificial materials; bone void fillers consisting of artificial materials; bone void fillers consisting primarily of synthetic materials and also incorporating biological materials; medical, surgical and orthopaedic implants made of artificial materials; spinal implants composed of artificial material; surgical implants comprising artificial material; surgical implants comprising artificial material and associated surgical instrument sets; artificial limbs; surgical implants comprised of artificial materials.



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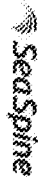
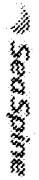

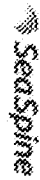




Country	Mark	Owner Name	Filing Date	Application #	Registration Date	Registration #	Goods/Services
CHINA	SEASPINE	Seaspine, Inc.	11/28/2014	13813009	5/21/2017	13813009	005 - Implants comprising living tissue; Surgical implants comprising living tissue; biological tissue cultures for medical purposes; organotherapy preparations; bone cement for surgical and orthopaedic purposes.
EUROPEAN UNION	SEASPINE	Seaspine, Inc.	10/27/2014	013404025	3/20/2015	013404025	005 - Biological bone tissue intended for subsequent implantation; Human allograft bone and tissue; Implants comprising living tissue; Surgical implants comprising living tissue. 010 - Bone implants composed of artificial materials; Bone void fillers consisting primarily of synthetic materials and also incorporating biological materials; Prosthetic and filling materials, namely, putty for use in the replacement of bones; Prosthetic and filling materials, namely, artificial materials for use in the replacement of bones; Synthetic bone grafts; Bone implants composed of artificial materials; Medical devices, namely, spinal implants composed of artificial materials; Medical, surgical and orthopaedic implants made of artificial materials; Spinal implants composed of artificial material; Surgical implants comprising artificial material and associated surgical instrument sets.
JAPAN	SEASPINE	Seaspine, Inc.	12/16/2014	2014-106339	5/1/2015	5762494	005 - Biological bone tissue intended for subsequent implantation; Human allograft bone and tissue; Implants comprising living tissue; Surgical implants comprising living tissue. 010 - Bone implants composed of artificial materials; Bone void fillers consisting primarily of artificial materials and also incorporating biological materials; Prosthetic and filling materials [not for dental use] for use in the replacement of bones; Prosthetic and filling materials, namely, artificial materials for use in the replacement of bones; Artificial bone grafts; Bone implants composed of artificial material; Medical machines and apparatus, namely, spinal implants composed of artificial materials; Medical, surgical and orthopaedic implants made of artificial materials; Spinal implants composed of artificial material; Surgical implants comprising artificial material; Surgical implants comprising artificial material and associated surgical instrument sets.
MEXICO	SEASPINE	Seaspine, Inc.	11/21/2014	1550986	8/14/2015	1553471	010 - Bone implants composed of artificial materials; Bone void filler prosthetics consisting of artificial materials, namely, ceramic materials; Bone void filler prosthetics consisting primarily of synthetic materials (namely, ceramic materials) and also incorporating biological materials (namely, collagen); Prosthetic and filling materials, namely, putty (made up from ceramic materials and collagen) for use in the replacement of bones; Prosthetic and filling materials, namely, artificial materials for use in the replacement of bones; Synthetic bone grafts; Bone implants composed of artificial materials; Medical devices, namely, spinal implants composed of artificial materials; Medical, surgical and orthopaedic implants made of artificial materials; Spinal implants composed of artificial material; Surgical implants comprising artificial material and associated surgical instrument sets.
MEXICO	SEASPINE	Seaspine, Inc.	11/21/2014	1550995	4/29/2015	1534137	005 - Biological bone tissue intended for subsequent implantation; Human allograft bone and tissue; Implants comprising living tissue; Surgical implants comprising living tissue. 005 - Biological bone tissue intended for subsequent implantation; Human allograft bone and tissue; Implants comprising living tissue; Surgical implants comprising living tissue.
SWITZERLAND	SEASPINE	Seaspine, Inc.	11/18/2014	63568/2014	1/26/2015	668740	010 - Bone implants composed of artificial materials; Bone void fillers consisting of artificial materials; Bone void fillers consisting primarily of synthetic materials and also incorporating biological materials; Prosthetic and filling materials, namely, putty for use in the replacement of bones; Prosthetic and filling materials, namely, artificial materials for use in the replacement of bones; Synthetic bone grafts; Bone implants composed of artificial materials; Medical devices, namely, spinal implants composed of artificial materials; Medical, surgical and orthopaedic implants made of artificial materials; Spinal implants composed of artificial material; Surgical implants comprising artificial material and associated surgical instrument sets.
UNITED KINGDOM	SEASPINE	Seaspine, Inc.	10/27/2014	013404025	3/20/2015	UK00913404025	005 - Biological bone tissue intended for subsequent implantation; Human allograft bone and tissue; Implants comprising living tissue; Surgical implants comprising living tissue. 010 - Bone implants composed of artificial materials; Bone void fillers consisting primarily of synthetic materials and also incorporating biological materials; Prosthetic and filling materials, namely, putty for use in the replacement of bones; Prosthetic and filling materials, namely, artificial materials for use in the replacement of bones; Synthetic bone grafts; Bone implants composed of artificial materials; Medical devices, namely, spinal implants composed of artificial materials; Medical, surgical and orthopaedic implants made of artificial materials; Spinal implants composed of artificial material; Surgical implants comprising artificial material and associated surgical instrument sets.
UNITED STATES	SEASPINE	Seaspine, Inc.	6/10/2002	76/418,251	2/18/2003	2,688,666	010 - spinal implants

UNITED STATES	SEASPIVE	Seaspine, Inc.	11/20/2014	86/459,554	3/15/2016	4,919,176	005 - Biological bone tissue intended for subsequent implantation; Human allograft bone and tissue; Implants comprising living tissue; Surgical implants comprising living tissue 010 - Bone implants composed of artificial materials; Bone void fillers consisting primarily of synthetic materials and also incorporating biological materials; Prosthetic and filling materials, namely, putty for use in the replacement of bones; Prosthetic and filling materials, namely, artificial materials for use in the replacement of bones; Synthetic bone grafts; Bone implants composed of artificial materials; Medical devices, namely, spinal implants composed of artificial materials; Medical, surgical and orthopaedic implants made of artificial materials; Spinal implants composed of artificial material; Surgical implants comprising artificial material; Surgical implants comprising artificial material and associated surgical instrument sets
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AUSTRALIA		Seaspine, Inc.	6/9/2015	1698399	1/15/2016	1698399	005 - Biological bone tissue intended for subsequent implantation; Human allograft bone and tissue; Implants comprising living tissue; Surgical implants comprising living tissue. 010 - Bone implants composed of artificial materials; Bone void fillers consisting of artificial materials; Bone void fillers consisting primarily of synthetic materials and also incorporating biological materials; Prosthetic and filling materials, namely, putty for use in the replacement of bones; Prosthetic and filling materials, namely, artificial materials for use in the replacement of bones; Synthetic bone grafts; Bone implants composed of artificial materials; Medical devices, namely, spinal implants composed of artificial materials; Medical, surgical and orthopaedic implants made of artificial materials; Spinal implants composed of artificial material; Surgical implants comprising artificial material and associated surgical instrument sets.
BRAZIL		Seaspine, Inc.	6/12/2015	905320046	10/3/2017	905320046	010 - Bone implants composed of artificial materials; Bone void fillers consisting of artificial materials; Bone void fillers consisting primarily of synthetic materials and also incorporating biological materials; Prosthetic and filling materials, namely, putty for use in the replacement of bones; Prosthetic and filling materials, namely, artificial materials for use in the replacement of bones; Synthetic bone grafts; Bone implants composed of artificial materials; Medical devices, namely, spinal implants composed of artificial materials; Medical, surgical and orthopaedic implants made of artificial materials; Spinal implants composed of artificial material; Surgical implants comprising artificial material and associated surgical instrument sets.
BRAZIL		Seaspine, Inc.	6/12/2015	905319986	10/3/2017	905319986	005 - Biological bone tissue intended for subsequent implantation; Human allograft bone and tissue; Implants comprising living tissue; Surgical implants comprising living tissue.
CANADA		Seaspine, Inc.	6/9/2015	1732064	10/5/2017	TMA982,218	000 - Biological bone tissue intended for subsequent implantation; Human allograft bone and tissue; Implants comprising living tissue; Surgical implants comprising living tissue; Bone implants composed of artificial materials; Bone void fillers consisting of artificial materials; Bone void fillers consisting primarily of synthetic materials and also incorporating biological materials; Prosthetic and filling materials, namely, putty for use in the replacement of bones; Prosthetic and filling materials, namely, artificial materials for use in the replacement of bones; Synthetic bone grafts; Bone implants composed of artificial materials; Medical devices, namely, spinal implants composed of artificial materials; Medical, surgical and orthopaedic implants made of artificial material; Surgical implants comprising artificial material and associated surgical instrument sets; Spinal implants comprising living tissue; Spinal implants composed of artificial material.
CHINA		Seaspine, Inc.	6/9/2015	17155075	10/28/2017	17155075	010 - Bone implants composed of artificial materials; Bone void fillers consisting of artificial materials; Bone void fillers consisting primarily of synthetic materials and also incorporating biological materials; Prosthetic and filling materials, namely, putty for use in the replacement of bones; Prosthetic and filling materials, namely, artificial materials for use in the replacement of bones; Synthetic bone grafts; Bone implants composed of artificial materials; Medical devices, namely, spinal implants composed of artificial materials; Medical, surgical and orthopaedic implants made of artificial material; Surgical implants comprising artificial material and associated surgical instrument sets.
CHINA		Seaspine, Inc.	6/9/2015	17155074	6/21/2017	17155074	005 - Implants comprising living tissue; Surgical implants comprising living tissue; biological tissue cultures for medical purposes; organotherapy preparations; bone cement for surgical and orthopaedic purposes.
EUROPEAN UNION		Seaspine, Inc.	6/9/2015	014221279	9/24/2015	014221279	005 - Biological bone tissue intended for subsequent implantation; Human allograft bone and tissue; Implants comprising living tissue; Surgical implants comprising living tissue. 010 - Bone implants composed of artificial materials; Bone void fillers consisting of artificial materials; Bone void fillers consisting primarily of synthetic materials and also incorporating biological materials; Prosthetic and filling materials, namely, putty for use in the replacement of bones; Prosthetic and filling materials, namely, artificial materials for use in the replacement of bones; Synthetic bone grafts; Bone implants composed of artificial materials; Medical devices, namely, spinal implants composed of artificial materials; Medical, surgical and orthopaedic implants made of artificial materials; Spinal implants composed of artificial material; Surgical implants comprising artificial material and associated surgical instrument sets.
JAPAN		Seaspine, Inc.	6/9/2015	2015-5447	12/11/2015	5812520	010 - Bone implants composed of artificial materials; Bone void fillers consisting of artificial materials; Bone void fillers consisting primarily of synthetic materials and also incorporating biological materials; Prosthetic and filling materials, namely, putty for use in the replacement of bones; Prosthetic and filling materials, namely, artificial materials for use in the replacement of bones; Synthetic bone grafts; Bone implants composed of artificial materials; Medical devices, namely, spinal implants composed of artificial materials; Medical, surgical and orthopaedic implants made of artificial material; Surgical implants comprising artificial material and associated surgical instrument sets.



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Country	Mark	Owner Name	File Date	Application #	Registration Date	Registration #	Goods/Services
MEXICO		Seaspine, Inc.	6/10/2015	1619853	9/28/2015	1575409	005 - Biological bone tissue intended for subsequent implantation; Human allograft bone and tissue; Implants comprising living tissue; Surgical implants comprising living tissue.
MEXICO		Seaspine, Inc.	6/30/2015	1627643	10/16/2015	1581137	010 - Bone implants composed of artificial materials; Bone void filler; prosthetics consisting of artificial materials; Bone void filler prosthetics consisting primarily of synthetic materials; Bone void filler prosthetics consisting primarily of synthetic materials and also incorporating biological materials (namely, collagen); Prosthetic and filling materials, namely, putty (made up from ceramic materials and collagen) for use in the replacement of bones; Prosthetic and filling materials, namely, artificial materials for use in the replacement of bones; Synthetic bone grafts; Bone implants composed of artificial materials; Medical devices, namely, spinal implants composed of artificial materials; Medical, surgical and orthopaedic implants made of artificial materials; Spinal implants composed of artificial material; Surgical implants comprising artificial material; Surgical implants comprising artificial material and associated surgical instrument sets.
SWITZERLAND		Seaspine, Inc.	6/9/2015	567892015	9/3/2015	677376	005 - Biological bone tissue intended for subsequent implantation; Human allograft bone and tissue; Implants comprising living tissue; Surgical implants comprising living tissue.
UNITED KINGDOM		Seaspine, Inc.	6/9/2015	014221279	9/24/2015	UK00914221279	010 - Bone implants composed of artificial materials; Bone void fillers consisting of artificial materials; Bone void fillers consisting primarily of synthetic materials and also incorporating biological materials; Prosthetic and filling materials, namely, putty for use in the replacement of bones; Prosthetic and filling materials, namely, artificial materials for use in the replacement of bones; Synthetic bone grafts; Bone implants composed of artificial materials; Medical devices, namely, spinal implants composed of artificial materials; Medical, surgical and orthopaedic implants made of artificial materials; Spinal implants composed of artificial material; Surgical implants comprising artificial material; Surgical implants comprising artificial material and associated surgical instrument sets.
UNITED STATES		Seaspine, Inc.	6/8/2015	86/655,624	5/31/2016	4,970,455	005 - Biological bone tissue intended for subsequent implantation; Human allograft bone and tissue; Implants comprising living tissue; Surgical implants comprising living tissue.
EUROPEAN UNION		Seaspine Orthopedics Corporation	1/9/2020	018178438	5/22/2020	018178438	010 - Surgical implants comprising artificial materials; Spinal implants composed of artificial material; Bone implants comprised of artificial materials; Medical apparatus for use in spinal surgeries; Implantable medical devices, namely, spinal rods and connectors; Spinal devices, namely, spinal rods and connectors; Medical devices, namely, connecting rods for spinal surgery; Medical devices, namely, cross connectors for spinal surgery.
UNITED KINGDOM		Seaspine Orthopedics Corporation	1/9/2020	018178438	5/22/2020	UK00918178438	010 - Surgical implants comprising artificial materials; Spinal implants composed of artificial material; Bone implants comprised of artificial materials; Medical apparatus for use in spinal surgeries; Implantable medical devices, namely, spinal rods and connectors; Spinal devices, namely, spinal rods and connectors; Medical devices, namely, connecting rods for spinal surgery; Medical devices, namely, cross connectors for spinal surgery.

AUSTRALIA	SHORELINE	ResSpine Orthopedics Corporation	1/10/2020	2062179	8/18/2020	2062179	010 - Implantable medical devices, namely, bone plates, spinal plates, bone screws, and interbody cages; medical apparatus for use in spinal surgeries; surgical apparatus; surgical implants comprising artificial materials; spinal implants composed of artificial material; spinal devices, namely, bone plates, spinal plates, bone screws, and interbody cages; bone implants composed of artificial material
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MEXICO	SHORELINE	Seaspine Orthopedics Corporation	1/10/2020	2314218	7/31/2020	2104321	010 - Implantable medical devices, namely, bone plates, spinal plates, bone screws, and interbody cages; medical apparatus for use in spinal surgeries; surgical apparatus; surgical implants comprising artificial materials; spinal implants composed of artificial material; spinal plates, bone screws, and interbody cages; bone implants composed of artificial material.
NEW ZEALAND	SHORELINE	Seaspine Orthopedics Corporation	1/10/2020	1138616	7/14/2020	1138616	010 - Implantable medical devices, namely, bone plates, spinal plates, bone screws, and interbody cages; medical apparatus for use in spinal surgeries; surgical apparatus; surgical implants comprising artificial materials; spinal implants composed of artificial material; spinal devices, namely, bone plates, spinal plates, bone screws, and interbody cages; bone implants composed of artificial material.
SPAIN	SHORELINE	Seaspine Orthopedics Corporation	1/10/2020	M4050339	7/23/2020	M4050339	010 - Implantable medical devices, namely, bone plates, spinal plates, bone screws, and interbody cages; Medical apparatus for use in spinal surgeries; surgical apparatus; surgical implants comprising artificial materials; Spinal implants composed of artificial material; Spinal devices, namely, bone plates, spinal plates, bone screws, and interbody cages; Bone implants composed of artificial material.
UNITED STATES	SHORELINE	Seaspine Orthopedics Corporation	3/29/2016	86/956,427	3/14/2017	5,162,704	010 - Implantable medical devices, namely, bone plates, spinal plates, bone screws, and interbody cages; Medical apparatus for use in spinal surgeries; surgical apparatus; surgical implants comprising artificial materials; Spinal implants composed of artificial material; Spinal devices, namely, bone plates, spinal plates, bone screws, and interbody cages; Bone implants composed of artificial material.
AUSTRALIA	SHORELINE RT	Seaspine Orthopedics Corporation	1/10/2020	2062178	6/3/2020	2062178	010 - Implantable medical devices, namely, bone plates, spinal plates, bone screws, and interbody cages; Medical apparatus for use in spinal surgeries; surgical apparatus; surgical implants comprising artificial materials; Spinal implants composed of artificial material; Spinal devices, namely, bone plates, spinal plates, bone screws, and interbody cages; Bone implants composed of artificial material.
NEW ZEALAND	SHORELINE RT	Seaspine Orthopedics Corporation	1/10/2020	1138615	7/14/2020	1138615	010 - Implantable medical devices, namely, bone plates, spinal plates, bone screws, and interbody cages; Medical apparatus for use in spinal surgeries; surgical apparatus; surgical implants comprising artificial materials; Spinal implants composed of artificial material; Spinal devices, namely, bone plates, spinal plates, bone screws, and interbody cages; Bone implants composed of artificial material.
SPAIN	SHORELINE RT	Seaspine Orthopedics Corporation	1/10/2020	M4050348	7/23/2020	M4050348	010 - Implantable medical devices, namely, bone plates, spinal plates, bone screws, and interbody cages; Medical apparatus for use in spinal surgeries; surgical apparatus; surgical implants comprising artificial materials; Spinal implants composed of artificial material; Spinal devices, namely, bone plates, spinal plates, bone screws, and interbody cages; Bone implants composed of artificial material.
UNITED STATES	SHORELINE RT	Seaspine Orthopedics Corporation	7/12/2019	88/511,680	6/23/2020	6,087,720	010 - Implantable medical devices, namely, bone plates, spinal plates, bone screws, and interbody cages; Medical apparatus for use in spinal surgeries; surgical apparatus; surgical implants comprising artificial materials; Spinal implants composed of artificial material; Spinal devices, namely, bone plates, spinal plates, bone screws, and interbody cages; Bone implants composed of artificial material.
AUSTRALIA	SHIPACK	Seaspine Orthopedics Corporation	7/25/2017	01861196	11/23/2017	1861196	010 - Implantable medical devices, namely, interbody cages; Medical apparatus for use in spinal surgeries; surgical apparatus; surgical implants comprising artificial materials; Spinal implants composed of artificial material; Spinal devices, namely, interbody cages; Bone implants composed of artificial material.



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EUROPEAN UNION	SKIPACK	Seaspine Orthopedics Corporation	7/25/2017	017019647	11/17/2017	017019647	010 - Implantable medical devices, namely, interbody cages; Medical apparatus for use in spinal surgeries; Surgical apparatus; Surgical implants comprising artificial materials; Spinal implants composed of artificial material; Spinal devices, namely, interbody cages; Bone implants composed of artificial material
UNITED KINGDOM	SKIPACK	Seaspine Orthopedics Corporation	7/25/2017	017019647	11/17/2017	UK00917019647	010 - Implantable medical devices, namely, interbody cages; Medical apparatus for use in spinal surgeries; Surgical apparatus; Surgical implants comprising artificial materials; Spinal implants composed of artificial material; Spinal devices, namely, interbody cages; Bone implants composed of artificial material
UNITED STATES	SKIPACK	Seaspine Orthopedics Corporation	2/19/2017	87/341,334	3/20/2018	5,429,678	010 - Implantable medical devices, namely, interbody cages; Medical apparatus for use in spinal surgeries; Surgical apparatus; Surgical implants comprising artificial materials; Spinal implants composed of artificial material; Spinal devices, namely, interbody cages
UNITED STATES	SKIPACK EXPANDABLE INTERBODY	Seaspine Orthopedics Corporation	2/19/2017	87/341,339	3/20/2018	5,429,679	010 - Implantable medical devices, namely, interbody cages; Medical apparatus for use in spinal surgeries; Surgical apparatus; Surgical implants comprising artificial materials; Spinal implants composed of artificial material; Spinal devices, namely, interbody cages
AUSTRALIA	SS ADMIRAL	Seaspine Orthopedics Corporation	3/23/2021	2165361	1/4/2022	2165261	010 - Surgical implants comprised of artificial materials for use in spinal surgery; Surgical implants comprising artificial material and associated surgical instrument sets for use in spinal surgery; Medical, surgical and orthopedic implants made of artificial materials for use in spinal surgery; Spinal implants, namely, bone plates and screws; Bone implants composed of artificial materials for use in spinal surgery; Surgical devices and instruments for use in spinal surgery; Surgical instruments and apparatus for use in spinal surgery; Surgical instruments for use in orthopedic and spinal surgery; Surgical and medical apparatus and instruments for use in orthopedic and spinal surgery; Surgical instruments for use in spinal surgery; Spinal implants composed of artificial material; Medical devices, namely, spinal implants composed of artificial materials; Surgical instruments for use in spinal surgery; Spinal implants composed of artificial material; Medical devices, namely, bone plates and screws; Medical devices, namely, bone plates and screws for use in spinal surgery
EUROPEAN UNION	SS ADMIRAL	Seaspine Orthopedics Corporation	3/23/2021	018434641	7/28/2021	018434641	010 - Surgical implants comprised of artificial materials for use in spinal surgery; Surgical implants comprising artificial material and associated surgical instrument sets for use in spinal surgery; Medical, surgical and orthopedic implants made of artificial materials for use in spinal surgery; Spinal implants, namely, bone plates and screws; Bone implants composed of artificial materials for use in spinal surgery; Surgical devices and instruments for use in spinal surgery; Surgical instruments and apparatus for use in spinal surgery; Surgical instruments for use in orthopedic and spinal surgery; Surgical and medical apparatus and instruments for use in orthopedic and spinal surgery; Surgical instruments for use in spinal surgery; Spinal implants composed of artificial material; Medical devices, namely, spinal implants composed of artificial materials; Surgical instruments for use in spinal surgery; Spinal implants composed of artificial material; Medical devices, namely, bone plates and screws; Medical devices, namely, bone plates and screws for use in spinal surgery
UNITED STATES	STRAND	IoT's Orthobiologics, Inc.	12/6/2017	87/709,683	2/19/2019	5,677,771	005 - Human allograft tissue in the nature of demineralized bone matrix used for orthopedic and spinal surgeries; Bone implants comprising demineralized bone matrix to be used in orthopedic and spinal surgeries
UNITED STATES	SYMPLOG	IoT's Orthobiologics, Inc.	5/22/2001	76/261,221	4/22/2003	2,708,533	010 - Synthetic plugs common plugs; surgical and medical apparatus and instruments, namely, instrumentation kits comprised of 2 insertion rods and multiple measuring probes for sizing and insertion of cement restrictors

UNITED STATES	TORRENT	koTi's OrthoBiologics, Inc.	7/28/2021	90/852,485	11/15/2022	6,902,863	005 - Implants comprised of demineralized bone matrix to be used in orthopedic and spinal surgeries; Bone graft material comprised of demineralized bone matrix; Human allograft tissue in the nature of demineralized bone matrix used for orthopedic and spinal surgeries; Surgical implants comprised of demineralized bone matrix; Biological bone tissue intended for subsequent implantation
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Country	Mark	Owner Name	Filing Date	Application #	Registration Date	Registration #	Goods/Services
UNITED STATES	TRUPROFILE	Seaspine Orthopedics Corporation	5/4/2016	87/024,655	12/5/2017	5,351,371	010 - Implantable medical devices, namely, bone plates, bone screws, and interbody cages; Medical apparatus for use in spinal surgeries; Surgical apparatus; Surgical implants comprising artificial materials; Spinal implants composed of artificial material; Spinal devices, namely, bone plates, bone screws, and interbody cages; Medical devices, namely, spinal plates for use in surgery; Bone implants composed of artificial material
AUSTRALIA	WAVEFORM	Seaspine Orthopedics Corporation	9/24/2020	2123077	1/7/2021	2123077	010 - Spinal implants composed of artificial material; Surgical implants comprising artificial material and associated surgical instrument sets for use in spinal surgery
EUROPEAN UNION	WAVEFORM	Seaspine Orthopedics Corporation	9/25/2020	018312998	2/5/2021	018312998	010 - Spinal implants composed of artificial material; Surgical implants comprising artificial material and associated surgical instrument sets for use in spinal surgery
MEXICO	WAVEFORM	Seaspine Orthopedics Corporation	9/23/2020	2426380	11/23/2020	2176130	010 - Spinal implants composed of artificial material; surgical implants comprising artificial material and associated surgical instrument sets for use in spinal surgery
NEW ZEALAND	WAVEFORM	Seaspine Orthopedics Corporation	9/24/2020	1160130	3/25/2021	1160130	010 - Spinal implants composed of artificial material; Surgical implants comprising artificial material and associated surgical instrument sets for use in spinal surgery
UNITED KINGDOM	WAVEFORM	Seaspine Orthopedics Corporation	9/28/2021	UK00003702219	4/15/2022	UK00003702219	010 - Spinal implants composed of artificial material; Surgical implants comprising artificial material and associated surgical instrument sets for use in spinal surgery
UNITED STATES	WAVEFORM	Seaspine Orthopedics Corporation	3/26/2020	88/848,648	2/23/2021	6,279,069	010 - Spinal implants composed of artificial material; Surgical implants comprising artificial material and associated surgical instrument sets for use in spinal surgery
AUSTRALIA	WAVEFORM	Seaspine Orthopedics Corporation	4/7/2021	2168988	6/22/2021	2168988	010 - Surgical instruments for use in spinal surgery
EUROPEAN UNION	WAVEFORM	Seaspine Orthopedics Corporation	4/12/2021	018450844	7/31/2021	018450844	010 - Surgical instruments for use in spinal surgery





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UNITED STATES	WAFFINDER	Seaspine Orthopedics Corporation	10/15/2020	90/257,092	5/31/2022	6747892	010 - Surgical instruments for use in spinal surgery
CANADA	7D SURGICAL	7D Surgical ULC	1/12/2016	1,753,005	3/22/2018	TM4993,017	009 - Computer software for use in image guided surgery applications; computer software for use in planning and tracking the position of a patient and medical devices and apparatus during image guided surgery; computer software for displaying video images for image guided surgical procedures; computer software for medical purposes, namely, for neurosurgical, cranial, orthopedic, spinal, soft tissue, ear, nose and throat (ENT), plastic surgery, radiosurgical and robot-assisted applications, and for three-dimensionally registering and referencing patient location data 010 - Electro-medical apparatuses, namely, computers and display devices, calibration devices and replacement parts therefor, for medical purposes, namely, for neurosurgical, cranial, orthopedic, spinal, soft tissue, ear, nose and throat (ENT), plastic surgery, radiosurgical and robot-assisted applications; surgical and medical navigation systems for use in locating and tracking the position of a patient and of instruments during image guided surgery, namely, high resolution computers, cameras, monitors, docking stations, headsets, probes, sensors, instrument adaptors, markers, target positioners and cables; image guided surgery systems for image registration between pre-operatively acquired computer tomography (CT) data, MRI data, ultrasono data, positron emission tomography (PET) data, backscattered radition data, and data captured intra-operatively from a light scanner; target positioners and cables; image guided surgery systems for image registration between pre-operatively acquired computer tomography (CT) data, MRI data, ultrasono data, positron emission tomography (PET) data, backscattered radition data, and data captured intra-operatively from a light scanner; comprising surgical instruments, surgical robots, control boxes, instrument adaptors, microscope adaptors, endoscope adaptors, connection cables, and parts thereof; image guidance systems namely system carts, each comprising a computer, mouse, keyboard, foot pedal, monitors and universal power supplies; and system heads, each comprising a light scanner, optical camera and position sensors, and surgical luminaires; image guided spinal, neurosurgical, cranial, orthopedic, spinal, soft tissue, ear, nose and throat (ENT), plastic surgery, and radiosurgical surgery systems comprising navigation tools, monitors, drills, saws, rasps, guide blocks, laparoscopes, trocars, reference clamps, biopsy needles, pedicle finders, pedicle screwdrivers, awls, universal handles, pedicle probes, sterilization trays, computers, computer mouses, keyboards, foot pedals, universal power supplies, light handles, light scanners, optical cameras and position sensors, and surgical luminaires pointers. 011 - Consulting services, namely, hosting computer application software for the storage of data and information for image-guided surgeries; medical services, namely, medical services in the field of image-guidance surgery systems and surgical robotic navigational systems; medical consulting services in the field of performing robotic cutting guide assisted surgical procedures and minimally invasive surgical techniques.
UNITED STATES	7D SURGICAL	7D Surgical Inc.	1/26/2016	86/886,318	7/31/2018	5,527,255	009 - Computer software for use in image guided surgery applications; computer software for use in planning and tracking the position of a patient and medical devices and apparatus during image guided surgery; computer software for displaying video images for image guided surgical procedures; computer software for medical purposes, namely, for neurosurgical, cranial, orthopedic, spinal, soft tissue, ear, nose and throat (ENT), plastic surgery, radiosurgical and robot-assisted applications, and for three-dimensionally registering and referencing patient location data 010 - Electro-medical apparatuses, namely, computers and display devices, calibration devices and replacement parts therefor, for medical purposes, namely, for neurosurgical, cranial, orthopedic, spinal, soft tissue, ear, nose and throat (ENT), plastic surgery, radiosurgical and robot-assisted applications; surgical and medical navigation systems for use in locating and tracking the position of a patient and of instruments during image guided surgery, namely, high resolution computers, cameras, monitors, docking stations, headsets, probes, sensors, instrument adaptors, markers, target positioners and cables; image guided surgery systems for image registration between pre-operatively acquired computer tomography (CT) data, MRI data, ultrasono data, positron emission tomography (PET) data, backscattered radiation data, and data captured intra-operatively from a light scanner; comprising surgical instruments, surgical robots, control boxes, instrument adaptors, microscope adaptors, endoscope adaptors, connection cables, and parts thereof; image guidance systems for medical purposes, namely, for neurosurgical, cranial, orthopedic, spinal, soft tissue, ear, nose and throat (ENT), plastic surgery, radiosurgical and robot-assisted applications, namely, system carts, each comprising a computer, mouse, keyboard, foot pedal, monitors and universal power supplies, and system heads, each comprising a light scanner, optical camera and position sensors, and surgical luminaires; image guided spinal, neurosurgical, cranial, orthopedic, spinal, soft tissue, ear, nose and throat (ENT), plastic surgery, and radiosurgical surgery systems comprising navigation tools, monitors, drills, saws, rasps, guide blocks, laparoscopes, trocars, reference clamps, biopsy needles, pedicle finders, pedicle screwdrivers, awls, universal handles, pedicle probes, sterilization trays, computers, computer mouses, keyboards, foot pedals, universal power supplies, light handles, light scanners, optical tracking systems and surgical luminaires pointers 011 - Consulting services, namely, hosting computer application software for the storage of data and information for image-guided surgeries 014 - Medical services, namely, medical services in the field of image-guidance surgery systems and surgical robotic navigational systems; medical consulting services in the field of performing robotic cutting guide assisted surgical procedures and minimally invasive surgical techniques



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Country	Mark	Owner Name	Filing Date	Application #	Registration Date	Registration #	Goods/Services
CANADA		7D Surgical ULC	11/26/2015	1,756,661	3/22/2018	TMA992,998	Goods - Computer software for use in image guided surgery applications; computer software for use in planning and tracking the position of a patient and medical devices and apparatus during image guided surgery; computer software for displaying video images for image guided surgical procedures; computer software for medical purposes, namely, for neurosurgical, cranial, orthopedic, spinal, soft tissue, ear, nose and throat (ENT), plastic surgery, radio-surgical and robot-assisted applications, and for three-dimensional registration and referencing patient location data; surgical and medical instruments and apparatus, namely, pointers, drills, saws, rasps, guide blocks, laparoscopes, trocars, reference clamps, biopsy needles, pedicle finders, surgical taps, screwdrivers, awls and universal handles; electro-medical apparatuses, namely, computers and display monitors, surgical camera calibration devices and replacement parts therefor; surgical and medical navigation systems for use in locating and tracking the position of a patient and of instruments during image guided surgery, namely, high resolution computers, cameras, monitors, docking stations, pedestals, probes, sensors, instrument adapters, markers, target positions and cables; image guided surgery systems for image registration between preoperatively acquired computer tomography (CT) data, MRI data, ultrasound data, positron emission tomography (PET) data, backscattered radiation data and data captured intra-operatively from a light scanner, comprising surgical instruments, surgical robots, control boxes, instrument adapters, tool holders, endoscope adapters, microscope adapters, connection cables, and parts therefor; image guidance systems namely system carts, each comprising a computer, mouse, keyboard, foot pedal, monitors and universal power supplies; and system heads, each comprising light handles, light scanners, optical cameras and position sensors, and surgical luminaires; image guided spinal, neurosurgical, cranial, orthopedic, spinal, soft tissue, ear, nose and throat (ENT), plastic surgery, and radio-surgical surgery systems comprising navigation tools, monitors, drills, saws, rasps, guide blocks, laparoscopes, trocars, reference clamps, biopsy needles, pedicle finders, surgical taps, screwdrivers, awls, universal handles, pedicle probes, sterilization trays, computers, computer mouses, keyboards, foot pedals, universal power supplies, light handles, light scanners, optical cameras and position sensors, and surgical luminaires pointers.
UNITED STATES		7D Surgical Inc.	11/26/2015	86/832,761	8/7/2018	5,532,621	009 - Computer software for use in image guided surgery applications; computer software for use in planning and tracking the position of a patient and medical devices and apparatus during image guided surgery; computer software for displaying video images for image guided surgical procedures; computer software for medical purposes, namely, for neurosurgical, cranial, orthopedic, spinal, soft tissue, ear, nose and throat (ENT), plastic surgery, radio-surgical and robot-assisted applications, and for three-dimensional registration and referencing patient location data 010 - Electro-medical apparatuses, namely, computers and display devices, calibration devices and replacement parts therefor, for medical purposes, namely, for neurosurgical, cranial, orthopedic, spinal, soft tissue, ear, nose and throat (ENT), plastic surgery, radio-surgical and robot-assisted applications; surgical and medical navigation systems for use in locating and tracking the position of a patient and of instruments during image guided surgery, namely, high resolution computers, cameras, monitors, docking stations, pedestals, probes, sensors, instrument adapters, markers, target positions and cables; image guided surgery systems for image registration between pre-operatively acquired computer tomography (CT) data, MRI data, ultrasound data, positron emission tomography (PET) data, backscattered radiation data, and data captured intra-operatively from a light scanner, comprising surgical instruments, surgical robots, control boxes, instrument adapters, tool holders, endoscope adapters, microscope adapters, connection cables, and parts therefor; image guidance systems for medical purposes, namely, for neurosurgical, cranial, orthopedic, spinal, soft tissue, ear, nose and throat (ENT), plastic surgery, radio-surgical and robot-assisted applications, namely, system carts, each comprising a computer, mouse, keyboard, foot pedal, monitors and universal power supplies; and system heads, each comprising light handles, light scanners, optical cameras and position sensors, and surgical luminaires; image guided spinal, neurosurgical, cranial, orthopedic, spinal, soft tissue, ear, nose and throat (ENT), plastic surgery, and radio-surgical surgery systems comprising navigation tools, monitors, drills, saws, rasps, guide blocks, laparoscopes, trocars, reference clamps, biopsy needles, pedicle finders, surgical taps, screwdrivers, awls, universal handles, pedicle probes, sterilization trays, computers, computer mouses, keyboards, foot pedals, universal power supplies, light handles, light scanners, optical cameras and position sensors, and surgical luminaires pointers. 042 - Consulting services, namely, hosting computer application software for the storage of data and information for image-guided surgeries. 044 - Medical services, namely, medical services in the field of image guidance surgery systems and surgical robotic navigational systems; medical consulting services in the field of performing robotic cutting guide assisted surgical procedures and minimally invasive surgical techniques.



Country	Mark	Owner Name	Filing Date	Application #	Registration Date	Registration #	Goods/Services
CANADA	FLASH	7D Surgical LLC	5/10/2017	1,836,352			<p>009 - Computer software for use in image guided surgery; computer software for use in planning and tracking the position of a patient and for use in tracking the position of medical devices and apparatuses during image guided surgery; computer software for displaying video images for image guided surgical procedures; computer software for medical purposes, namely, for neurosurgical, cranial, orthopedic, spinal, soft tissue, ear, nose and throat (ENT), plastic surgery, radiosurgical and robot-assisted surgical, diagnostic and imaging applications, and for three-dimensionally registering and referencing patient location data</p> <p>010 - Electro-medical apparatuses comprising computers and display devices, calibration devices and replacement parts therefor, for neurosurgical, cranial, orthopedic, spinal, soft tissue, ear, nose and throat (ENT), plastic surgery, radiosurgical and robot-assisted applications; medical navigation systems composed of high-resolution computers, cameras, monitors, tracking stations, headsets, probes, sensors, instrument adaptors, markers, target positioners and cables, and surgical luminaires for use in locating and tracking the position of a patient and of instruments during image guided surgery; image guidance systems composed of system carts, each comprising a computer, mouse, keyboard, foot pedal, monitor, universal power supplies, system heads, each comprising light handles, light scanners, optical tracking systems and surgical luminaires for medical purposes, namely, neurosurgical, cranial, orthopedic, spinal, soft tissue, ear, nose and throat (ENT), plastic surgery, radiosurgical and robot-assisted applications</p>
CANADA	FLASH REGISTRATION	7D Surgical LLC	3/28/2017	1,829,745	3/9/2020	TMAJ1074542	<p>009 - Computer software for use in image guided surgery applications; computer software for use in planning and tracking the position of a patient and medical devices and apparatus during image guided surgery; computer software for displaying video images for image guided surgical procedures; computer software for medical purposes, namely, for neurosurgical, cranial, orthopedic, spinal, soft tissue, ear, nose and throat (ENT), plastic surgery, radiosurgical and robot-assisted applications, and for three-dimensionally registering and referencing patient location data</p> <p>010 - Electro-medical apparatuses, namely, computers, computer monitors and display screens and replacement parts therefor, for medical purposes, namely, for neurosurgical, cranial, orthopedic, spinal, soft tissue, ear, nose and throat (ENT), plastic surgery, radiosurgical and robot-assisted applications; medical navigation systems for use in locating and tracking the position of a patient and of instruments during image guided surgery, namely, high resolution computers, cameras, monitors, tracking stations, headsets, probes, sensors, instrument adaptors, markers, target positioners and cables; image guidance systems for medical purposes, namely, for neurosurgical, cranial, orthopedic, spinal, soft tissue, ear, nose and throat (ENT), plastic surgery, radiosurgical and robot-assisted applications, namely, system carts, each comprising a computer, mouse, keyboard, foot pedal, monitors, universal power supplies, system heads, each comprising light handles, light scanners, optical tracking systems and surgical luminaires</p>
AUSTRALIA	MANNER	Seaspine Orthopedics Corporation	5/31/2019	2013151	5/18/2020	2013151	<p>10 - Implantable medical devices, namely, pedicle screws, spinal rods, and connectors; Medical apparatus for use in spinal surgeries, not being catheters or electrophysiological apparatus; Surgical apparatus for use in spinal surgeries; not being catheters or electrophysiological apparatus; Surgical implants for use in spinal surgeries comprising artificial materials, not being catheters or for electrophysiological purposes; Spinal implants composed of artificial material, not being catheters or for electrophysiology purposes; Spinal devices, namely, pedicle screws, spinal rods, and connectors; Bone screws, namely, pedicle screws; Medical devices, namely, connecting rods for spinal surgery; Medical devices, namely, cross connectors for spinal surgery; Locking bone screws; Bone implants comprised of artificial materials</p>
BRAZIL	MANNER	Seaspine Orthopedics Corporation	6/13/2019	917512502	1/7/2020	917512502	<p>010 - Implantable medical devices, namely, pedicle screws, spinal rods, and connectors; Medical apparatus for use in spinal surgeries; Surgical apparatus; Surgical implants comprising artificial materials; Spinal implants composed of artificial material; Spinal devices, namely, pedicle screws, spinal rods, and connectors; Bone screws, namely, pedicle screws; Medical devices, namely, connecting rods for spinal surgery; Medical devices, namely, cross connectors for spinal surgery; Locking bone screws; Bone implants comprised of artificial materials.</p>

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Country	Mark	Owner Name	File Date	Application #	Registration Date	Registration #	Goods/Services
EUROPEAN UNION	MARINER	Seaspine Orthopedics Corporation	6/5/2019	018078086	10/23/2019	018078086	0110 - Implantable medical devices, namely, pedicle screws, spinal rods, and connectors; Medical apparatus for use in spinal surgeries; Surgical apparatus; Surgical implants comprising artificial materials; Spinal implants composed of artificial material; Spinal devices, namely, pedicle screws, spinal rods, and connectors; Bone screws, namely, pedicle screws; Medical devices, namely, connecting rods for spinal surgery; Medical devices, namely, cross connectors for spinal surgery; Locking bone screws; Bone implants comprised of artificial materials.
UNITED KINGDOM	MARINER	Seaspine Orthopedics Corporation	6/5/2019	018078086	10/23/2019	UK00918078086	0110 - Implantable medical devices, namely, pedicle screws, spinal rods, and connectors; Medical apparatus for use in spinal surgeries; Surgical apparatus; Surgical implants comprising artificial materials; Spinal implants composed of artificial material; Spinal devices, namely, pedicle screws, spinal rods, and connectors; Bone screws, namely, pedicle screws; Medical devices, namely, connecting rods for spinal surgery; Medical devices, namely, cross connectors for spinal surgery; Locking bone screws; Bone implants comprised of artificial materials.
UNITED KINGDOM	MARINER	Seaspine Orthopedics Corporation	6/5/2019	3404639	8/23/2019	3404639	0110 - Implantable medical devices, namely, pedicle screws, spinal rods, and connectors; Medical apparatus for use in spinal surgeries; Surgical apparatus; Surgical implants comprising artificial materials; Spinal implants composed of artificial material; Spinal devices, namely, pedicle screws, spinal rods, and connectors; Bone screws, namely, pedicle screws; Medical devices, namely, connecting rods for spinal surgery; Medical devices, namely, cross connectors for spinal surgery; Locking bone screws; Bone implants comprised of artificial materials.
AUSTRALIA	MERIDIAN	Seaspine Orthopedics Corporation	7/17/2020	2104385	10/21/2020	2104385	0110 - Spinal implants composed of artificial materials and instrumentation thereof; Surgical instruments for use in spinal surgery; Medical apparatus for use in spinal surgeries
EUROPEAN UNION	MERIDIAN	Seaspine Orthopedics Corporation	8/7/2020	018286054	12/29/2020	018286054	0110 - Spinal implants composed of artificial materials and instrumentation thereof; surgical instruments for use in spinal surgery; medical apparatus for use in spinal surgeries
MEXICO	MERIDIAN	Seaspine Orthopedics Corporation	8/6/2020	2400528	2/17/2021	2206044	0110 - Spinal implants composed of artificial materials and instrumentation thereof; surgical instruments for use in spinal surgery; medical apparatus for use in spinal surgeries
NEW ZEALAND	MERIDIAN	Seaspine Orthopedics Corporation	7/17/2020	1153880	1/19/2021	1153880	0110 - Spinal implants composed of artificial materials and instrumentation thereof; Surgical instruments for use in spinal surgery; Medical apparatus for use in spinal surgeries.
UNITED KINGDOM	MERIDIAN	Seaspine Orthopedics Corporation	8/7/2020	018286054	12/29/2020	UK00918286054	0110 - Spinal implants composed of artificial materials and instrumentation thereof; surgical instruments for use in spinal surgery; medical apparatus for use in spinal surgeries
UNITED STATES	OSTESURGE	Boots Orthobiologics, Inc.	9/30/2009	77/837,886	1/25/2011	3,912,020	0005 - Surgical implants comprising material derived from living tissue; human tissue allograft material; bone graft material comprising demineralized bone matrix



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AUSTRALIA	SHORELINE	Seaspine Orthopedics Corporation	1/10/2020	2062179	8/18/2020	2062179	010 - Implantable medical devices, namely, bone plates, spinal plates, bone screws, and interbody cages; medical apparatus for use in spinal surgeries; surgical apparatus; surgical implants comprising artificial materials; spinal implants composed of artificial material; spinal devices, namely, bone plates, spinal plates, bone screws, and interbody cages; bone implants composed of artificial material
MEXICO	SHORELINE	Seaspine Orthopedics Corporation	1/10/2020	2314218	7/31/2020	2104321	010 - Implantable medical devices, namely, bone plates, spinal plates, bone screws, and interbody cages; medical apparatus for use in spinal surgeries; surgical apparatus; surgical implants comprising artificial materials; spinal implants composed of artificial material; spinal devices, namely, bone plates, spinal plates, bone screws, and interbody cages; bone implants composed of artificial material
NEW ZEALAND	SHORELINE	Seaspine Orthopedics Corporation	1/10/2020	1138616	7/14/2020	1138616	010 - Implantable medical devices, namely, bone plates, spinal plates, bone screws, and interbody cages; medical apparatus for use in spinal surgeries; surgical apparatus; surgical implants comprising artificial materials; spinal implants composed of artificial material; spinal devices, namely, bone plates, spinal plates, bone screws, and interbody cages; bone implants composed of artificial material
SPAIN	SHORELINE	Seaspine Orthopedics Corporation	1/10/2020	M4050339	7/23/2020	M4050339	010 - Implantable medical devices, namely, bone plates, spinal plates, bone screws, and interbody cages; medical apparatus for use in spinal surgeries; surgical apparatus; surgical implants comprising artificial materials; spinal implants composed of artificial material; spinal devices, namely, bone plates, spinal plates, bone screws, and interbody cages; bone implants composed of artificial material
AUSTRALIA	SHORELINE RT	Seaspine Orthopedics Corporation	1/10/2020	2062178	6/9/2020	2062178	010 - Implantable medical devices, namely, bone plates, spinal plates, bone screws, and interbody cages; medical apparatus for use in spinal surgeries; surgical apparatus; surgical implants comprising artificial materials; spinal implants composed of artificial material; spinal devices, namely, bone plates, spinal plates, bone screws, and interbody cages; bone implants composed of artificial material
NEW ZEALAND	SHORELINE RT	Seaspine Orthopedics Corporation	1/10/2020	1138615	7/14/2020	1138615	010 - Implantable medical devices, namely, bone plates, spinal plates, bone screws, and interbody cages; medical apparatus for use in spinal surgeries; surgical apparatus; surgical implants comprising artificial materials; spinal implants composed of artificial material; spinal devices, namely, bone plates, spinal plates, bone screws, and interbody cages; bone implants composed of artificial material
SPAIN	SHORELINE RT	Seaspine Orthopedics Corporation	1/10/2020	M4050348	7/23/2020	M4050348	010 - Implantable medical devices, namely, bone plates, spinal plates, bone screws, and interbody cages; medical apparatus for use in spinal surgeries; surgical apparatus; surgical implants comprising artificial materials; spinal implants composed of artificial material; spinal devices, namely, bone plates, spinal plates, bone screws, and interbody cages; bone implants composed of artificial material

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Country	Mark	Owner Name	File Date	Application #	Registration Date	Registration #	Goods/Services
AUSTRALIA	WAVEFORM	Seaspine Orthopedics Corporation	9/24/2020	2123077	1/7/2021	2123077	010 - Spinal implants composed of artificial material; Surgical implants comprising artificial material and associated surgical instrument sets for use in spinal surgery
EUROPEAN UNION	WAVEFORM	Seaspine Orthopedics Corporation	9/25/2020	018312998	2/5/2021	018312998	010 - Spinal implants composed of artificial material; Surgical implants comprising artificial material and associated surgical instrument sets for use in spinal surgery
MEXICO	WAVEFORM	Seaspine Orthopedics Corporation	9/23/2020	2426380	11/23/2020	2176130	010 - Spinal implants composed of artificial material; Surgical implants comprising artificial material and associated surgical instrument sets for use in spinal surgery
NEW ZEALAND	WAVEFORM	Seaspine Orthopedics Corporation	9/24/2020	1160130	3/25/2021	1160130	010 - Spinal implants composed of artificial material; Surgical implants comprising artificial material and associated surgical instrument sets for use in spinal surgery
UNITED KINGDOM	WAVEFORM	Seaspine Orthopedics Corporation	9/28/2021	UK00003702219	4/15/2022	UK00003702219	010 - Spinal implants composed of artificial material; Surgical implants comprising artificial material and associated surgical instrument sets for use in spinal surgery

