

TRADEMARK ASSIGNMENT COVER SHEET

Electronic Version v1.1
Stylesheet Version v1.2

ETAS ID: TM846549

SUBMISSION TYPE:	NEW ASSIGNMENT		
NATURE OF CONVEYANCE:	RELEASE OF SECURITY INTEREST		
CONVEYING PARTY DATA			
Name	Formerly	Execution Date	Entity Type
Silicon Valley Bank		05/03/2021	Corporation: CALIFORNIA
RECEIVING PARTY DATA			
Name:	Xtant Medical Holdings, Inc.		
Street Address:	664 Cruiser Lane		
City:	Belgrade		
State/Country:	MONTANA		
Postal Code:	59714		
Entity Type:	Corporation: DELAWARE		
PROPERTY NUMBERS Total: 23			
Property Type	Number	Word Mark	
Registration Number:	4765699	3DEMIN	
Registration Number:	5004825	ARANAX	
Registration Number:	5183074	ATRIX-C	
Registration Number:	4016586	AXLE	
Registration Number:	3794423	BACFAST	
Registration Number:	3853085	BUTREX	
Registration Number:	4334774	CALIX	
Registration Number:	4464066	CERTEX	
Registration Number:	4645294	CIRCLE OF LIFE	
Registration Number:	3932494	FIXCET	
Registration Number:	3853084	FORTEX	
Registration Number:	4420033	H-GRAFT	
Registration Number:	4618034	IRIX	
Registration Number:	4808124	ORBITALWRAP	
Registration Number:	3758117	OSTEOSELECT	
Registration Number:	3366646	OSTEOSPONGE	
Registration Number:	3576966	OSTEOWRAP	
Registration Number:	4645064	SILEX	
Registration Number:	4110961	SPIDER	

OP \$590.00 4765699

Property Type	Number	Word Mark
Registration Number:	3932766	X90
Registration Number:	5352842	XPRESS
Registration Number:	5433787	XTANT
Registration Number:	5365269	ZYFIX

CORRESPONDENCE DATA

Fax Number: 3038630223

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: 3038639700

Email: phirschman@sheridanross.com

Correspondent Name: Pamela N. Hirschman, Sheridan Ross P.C.

Address Line 1: 1560 Broadway, Suite 1200

Address Line 4: Denver, COLORADO 80202

ATTORNEY DOCKET NUMBER:	10576TM-96
NAME OF SUBMITTER:	Julia G. Schroeder
SIGNATURE:	/Julia G. Schroeder/
DATE SIGNED:	10/17/2023

Total Attachments: 12

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RELEASE OF SECURITY INTEREST

This Release of Security Interest is made as of May 3, 2021, by Silicon Valley Bank (“Secured Party”) with its principal place of business located at 3005 Tasman Drive, Santa Clara, CA 95054, in favor of Xtant Medical Holdings, Inc., a Delaware corporation (“Holdings”); Bacterin International, Inc., a Nevada corporation (“Bacterin”); X-spine Systems, Inc., an Ohio corporation (“X-spine”); and Xtant Medical, Inc., a Delaware corporation (“Xtant”, and together with Holdings, Bacterin and X-spine, individually and collectively, jointly and severally, the “Grantor”).

RECITAL

WHEREAS Grantor granted to Secured Party a security interest in the patents and trademarks described on Exhibits A, B, C and D attached hereto (collectively, the “Intellectual Property Collateral”) under the Intellectual Property Security Agreement dated as of May 25, 2016, by and between Grantor and Secured Party and recorded with the United States Patent and Trademark Office.

WHEREAS Secured Party has been requested to release its security interest in the Intellectual Property Collateral.

AGREEMENT

NOW THEREFORE, Secured Party releases and discharges any and all security interests in and to the Intellectual Property Collateral, without warranty or recourse.

GOVERNING LAW

This Release of Security Interest and any claim, controversy, dispute or cause of action (whether in contract or tort or otherwise) based upon, arising out of or relating to this Release of Security Agreement and the transactions contemplated hereby shall be governed by, and construed in accordance with, the laws of the State of California, without giving effect to any choice or conflict of law provision or rule (whether of the State of California or any other jurisdiction).

IN WITNESS WHEREOF, the Secured Party has caused this Release of Security Interest to be duly executed as of the day and year first above written.

By: Silicon Valley Bank

DocuSigned by:
Paul D'Agrosa
9F497A821B2043F...
By: _____
Name: Paul D'Agrosa
Title: Vice President

EXHIBIT A

Copyrights

None.

EXHIBIT B

Patents

Description	Registration / Application No.	Registration / Application Date	Registrant
SPINAL FUSION SYSTEM AND METHOD FOR FUSING SPINAL BONES	7,182,782 101675,361	2/27/2007 9/30/2003	X-Spine Systems, Inc.
SPINAL FUSION SYSTEM AND METHOD FOR FUSING SPINAL BONES	1 684 673 04785234.8	9/29/2004 9/29/2004	X-Spine Systems, Inc.
SPINAL FUSION SYSTEM AND METHOD FOR FUSING SPINAL BONES	7,655,028 11/624,341	2/2/2010 1/18/2007	X-Spine Systems, Inc.
SPINAL FUSION SYSTEM AND METHOD FOR FUSING SPINAL BONES	2263615 10168168.2	9/29/2004 7/1/2010	X-Spine Systems, Inc.
SPINAL FUSION SYSTEM AND METHOD FOR FUSING SPINAL BONES	2263616 10168172.4	9/24/2004 7/1/2010	X-Spine Systems, Inc.
DISK AUGMENTATION SYSTEM AND METHOD	7,282,065 10/821,823	10/16/2007 4/9/2004	X-Spine Systems, Inc.
DISK AUGMENTATION SYSTEM	1.732.458 05735305.4	4/7/2005 4/7/2005	X-Spine Systems, Inc.
DISK AUGMENTATION SYSTEM	8,225,720 11/869,009	7/24/2012 10/9/2007	X-Spine Systems, Inc.
SPINAL FUSION SYSTEM AND METHOD FOR USING SPINAL BONES	7,641,701 10/858,629	1/5/2010 6/2/2004	X-Spine Systems, Inc.
SPINAL FUSION SYSTEM AND METHOD FOR FUSING SPINAL BONES	1,758,525 05758376.7	6/2/2005 6/2/2005	X-Spine Systems, Inc.
SPINAL FUSION SYSTEM AND METHOD FOR FUSING SPINAL BONES	2,380,527 11167613.6	6/2/2005 5/26/2011	X-Spine Systems, Inc.
PROSTHETIC IMPLANT AND METHOD	7,565,346 10/976,741	7/28/2009 10/29/2004	X-Spine Systems, Inc.
PROSTHETIC IMPLANT AND METHOD	1,871,305 2005807429.5	10/14/2005 10/14/2005	X-Spine Systems, Inc.
CAPLESS MULTIAXIAL SCREW AND SPINAL FIXATION ASSEMBLY AND METHOD	7,717,943 11/193,523	5/18/2010 7/29/2005	X-Spine Systems, Inc.
CAPLESS MULTIAXIAL SCREW AND SPINAL FIXATION ASSEMBLY AND METHOD	1 909 666 06787589.8	7/17/2006 7/17/2006	X-Spine Systems, Inc.
CAPLESS MULTIAXIAL SCREW AND SPINAL FIXATION ASSEMBLY AND METHOD	8,066,745 12/767,100	11/29/2011 4/26/2010	X-Spine Systems, Inc.
CAPLESS MULTIAXIAL SCREW AND SPINAL FIXATION ASSEMBLY AND METHOD	8,382,806 13/290,358	2/26/2013 11/7/2011	X-Spine Systems, Inc.
SPINAL FUSION SYSTEM UTILIZING AN IMPLANT PLATE HAVING AT LEAST ONE INTEGRAL LOCK	8,821,553 11/379,301	9/2/2014 4/19/2006	X-Spine Systems, Inc.
SPINAL FUSION SYSTEM UTILIZING AN IMPLANT PLATE HAVING AT LEAST ONE INTEGRAL LOCK	1 847 239 20070106439	4/19/2007	X-Spine Systems, Inc.
CROSS CONNECTOR APPARATUS FOR SPINAL FIXATION RODS	7,922,747 11/873,452	4/12/2011 10/17/2007	X-Spine Systems, Inc.
SPINAL FUSION SYSTEM UTILIZING AN IMPLANT PLATE HAVING AT LEAST ONE INTEGRAL LOCK AND RATCHET LOCK	8,372,152 11/778,270	2/12/2013 7/16/2007	X-Spine Systems, Inc.

Description	Registration / Application No.	Registration / Application Date	Registrant
OFFSET MULTIAXIAL OR POLYAXIAL SCCREW, SYSTEM AND ASSEMBLY	8,029,539 11/960,119	10/4/2011 12/19/2007	X-Spine Systems, Inc.
OFFSET MULTIAXIAL OR POLYAXIAL SCREW, SYSTEM AND ASSEMBLY	8,480,714 13/214,428	7/9/2013 8/22/2011	X-Spine Systems, Inc.
OFFSET MUL TIAXIAL OR POLYAXIAL SCREW, SYSTEM AND ASSEMBLY	9,198,691 13/935,601	12/1/2015 7/5/2013	X-Spine Systems, Inc.
SCREW LOCKING MECHANISM AND METHOD	8,062,367 11/622,487	11/22/2011 1/12/2007	X-Spine Systems, Inc.
SCREW LOCKING MECHANISM AND METHOD	8,734,493 13/232,185	5/27/2014 9/14/2011	X-Spine Systems, Inc.
FLEXIBLE CRANIAL CLAMP AND METHOD OF ANCHORING TO CRANIUM	8,241,342 12/117,973	8/14/2012 5/9/2008	X-Spine Systems, Inc.
FLEXIBLE CRANIAL CLAMP AND METHOD OF ANCHORING TO CRANIUM	9,149,297 13/493,028	10/6/2015 6/11/2012	X-Spine Systems, Inc.
IMPLANT PLATE SCREW LOCKING SYSTEM AND SCREW HAVING A LOCKING MEMBER	7,963,982 11/178,284	6/21/2011 7/16/2007	X-Spine Systems, Inc.
IMPLANT PLATE SCREW LOCKING SYSTEM AND SCREW HAVING A LOCKING MEMBER	2,175,789 200810826378	7/14/2008 7/14/2008	X-Spine Systems, Inc.
IMPLANT PLATE SCREW LOCKING SYSTEM AND SCREW HAVING A LOCKING MEMBER	8,728,130 13/155,726	5/20/2014 6/8/2011	X-Spine Systems, Inc.
RETRACTION TUBE FOR USE WITH BONE SCREW	8,142,436 12/477,489	3/27/2012 6/3/2009	X-Spine Systems, Inc.
RETRACTION TUBE FOR USE WITH CAPLESS PEDICLE SCREW	2317950 09759382.6 - 2310	6/4/2009 6/4/2009	X-Spine Systems, Inc.
RETRACTION TUBE FOR USE WITH BONE SCREW	8,398,644 13/355,654	3/19/2013 1/23/2012	X-Spine Systems, Inc.
RETRACTION TUBE FOR USE WITH CAPLESS PEDICLE SCREW	8,690,879 13/765,905	4/8/2014 2/13/2013	X-Spine Systems, Inc.
PROSTHETIC IMPLANT WITH BIPLANAR ANGULATION AND COMPOUND ANGLES	8,216,316 12/336,753	7/10/2012 12/17/2008	X-Spine Systems, Inc.
PEDICLE SCREW SYSTEMS AND METHODS OF ASSEMBLING/ INSTALLING THE SAME	7,662,172 11/258,831	2/16/2010 10/25/2005	X-Spine Systems, Inc.
PEDICLE SCREW SYSTEM AND METHOD	2005299617	10/25/2005	X-Spine Systems, Inc.
PEDICLE SCREW SYSTEMS AND METHODS	2007/04266	7/30/2008 10/25/2005	X-Spine Systems, Inc.
PEDICLE SCREW SYSTEMS AND METHODS OF ASSEMBLING/ INSTALLING THE SAME	1,814,473 050815180.4	10/25/2005 10/25/2005	X-Spine Systems, Inc.
PEDICLE SCREW SYSTEMS AND METHODS OF ASSEMBLING/ INSTALLING THE SAME	8,142,481 12/690,953	3/27/2012 1/21/2010	X-Spine Systems, Inc.
BONE FIXATION SYSTEM AND METHOD FOR USING THE SAME	7,604,655 11/327,13	10/20/2009 1/6/2006	X-Spine Systems, Inc.
BONE FIXATION METHOD	8,147,522 12/561,402	4/3/2012 9/17/2009	X-Spine Systems, Inc.
PEDICLE SCREW SYSTEM WITH PROVISIONAL LOCKING ASPECTS	7,686,835 11/543,348	3/30/2010 10/4/2006	X-Spine Systems, Inc.

Description	Registration / Application No.	Registration / Application Date	Registrant
PEDICLE SCREW SYSTEM WITH PROVISIONAL LOCKING ASPECTS	8,016,866 12/709,790	9/13/2011 2/22/2010	X-Spine Systems, Inc.
PEDICLE SCREW SYSTEMS AND METHODS OF ASSEMBLING/ INSTALLING THE SAME	8,092,504 11/942,443	1/10/2012 11/19/2007	X-Spine Systems, Inc.
PEDICLE SCREW SYSTEMS AND METHODS OF ASSEMBLING/ INSTALLING THE SAME	8,012,185 11/999,117	9/6/2011 12/14/2007	X-Spine Systems, Inc.
PEDICLE SCREW SYSTEM CONFIGURED TO RECEIVE A STRAIGHT OR CURVED ROD	8,097,025 12/056,571	1/17/2012 3/27/2008	X-Spine Systems, Inc.
AN IMPLANT AND A SYSTEM AND METHOD FOR PROCESSING, DESIGNING AND MANUFACTURING AN IMPROVED ORTHOPEDIC IMPLANT	Registration Pending 12/557,577	Registration Date Pending 9/11/2009	X-Spine Systems, Inc.
IMPROVED ORTHOPEDIC IMPLANT	2410930 10 710 702	3/10/2010 3/10/2010	X-Spine Systems, Inc.
SCREW IMPLANT AND SYSTEM AND METHOD FOR LOCKING A SCREW IN AN IMPLANT PLATE	8,535,356 12/612,209	9/17/2013 11/4/2009	X-Spine Systems, Inc.
SCREW IMPLANT AND SYSTEM AND METHOD FOR LOCKING A SCREW IN AN IMPLANT PLATE	2,319,438 10186739.5	10/6/2010 10/6/2010	X-Spine Systems, Inc.
Spiral Implant locking Member with Improved Guidance, Tactile & Visual Feedback	8,801,761 12/641,416	8/12/2014 12/18/2009	X-Spine Systems, Inc.
Spiral Implant Locking Member with Improved Guidance, Tactile & Visual Feedback	Registration Pending 14/456,171	Registration Date Pending 8/11/2014	X-Spine Systems, Inc.
MODULAR INTERSPINOUS FIXATION SYSTEM AND METHOD	8,262,697 12/687,168	9/11/2012 11/14/2010	X-Spine Systems, Inc.
MODULAR INTERSPINOUS FIXATION SYSTEM AND METHOD	Registration Pending 10787228.5	Registration Date Pending 11/30/2010	X-Spine Systems, Inc.
MODULAR INTERSPINOUS FIXATION SYSTEM AND METHOD	8,932,333 13/493,033	1/13/2015 6/11/2012	X-Spine Systems, Inc.
MODULAR INTERSPINOUS FIXATION SYSTEM AND METHOD	Registration Pending 14/456,412	Registration Date Pending 8/11/2014	X-Spine Systems, Inc.
FUSION SYSTEM AND METHOD FOR FUSING SPINAL BONES	8,282,682 121640,061	10/9/2012 12/17/2009	X-Spine Systems, Inc.
FUSION SYSTEM AND METHOD FOR FUSING SPINAL BONES	8,795,370 13/568,429	8/5/2014 8/7/2012	X-Spine Systems, Inc.
FUSION SYSTEM AND METHOD FOR FUSING SPINAL BONES	Registration Pending 14/325,925	Registration Date Pending 7/8/2014	X-Spine Systems, Inc.
SPINAL IMPLANT CO-INSERTION SYSTEM AND METHOD	8,945,227 13/017,622	2/3/2015 1/31/2011	X-Spine Systems, Inc.
SPINAL STABILIZATION SYSTEM UTILIZING SCREW AND EXTERNAL FACET AND/OR LAMINA FIXATION	Registration Pending 13/173,660	Registration Date Pending 6/30/2011	X-Spine Systems, Inc.
SPINAL STABILIZATION SYSTEM UTILIZING SCREW AND EXTERNAL FACET AND/OR LAMINA FIXATION	2,590,582 11732538.1	6/30/2011 6/30/2011	X-Spine Systems, Inc.
SPINAL STABILIZATION SYSTEM UTILIZING SCREW AND EXTERNAL FACET AND/OR LAMINA FIXATION	Registration Pending 15188588.6	Registration Date Pending 6/30/2011	X-Spine Systems, Inc.

Description	Registration / Application No.	Registration / Application Date	Registrant
COMPOSITE ORTHOPEDIC IMPLANT HAVING A LOW FRICTION MATERIAL SUBSTRATE WITH PRIMARY FRICTIONAL FEATURES AND SECONDARY FRICTIONAL FEATURES	8,979,934 14/154,577	3/17/2015 1/14/2014	X-Spine Systems, Inc.
COMPOSITE ORTHOPEDIC IMPLANT HAVING A LOW FRICTION MATERIAL SUBSTRATE WITH PRIMARY FRICTIONAL FEATURES AND SECONDARY FRICTIONAL FEATURES	Registration Pending 14/623,238	Registration Date Pending 2/16/2015	X-Spine Systems, Inc.
SPINAL FACET COMPRESSION SCREW WITH VARIABLE PITCH THREAD ZONES AND BUTTRESS HEAD	8,992,587 13/184,862	3/31/2015 7/18/2011	X-Spine Systems, Inc.
SPINAL FACET COMPRESSION SCREW WITH VARIABLE PITCH THREAD ZONES AND BUTTRESS HEAD	Registration Pending 11736253.3	Registration Date Pending 7/18/2011	X-Spine Systems, Inc.
Intervertebral Fusion Device Utilizing Multiple Mobile Uniaxial and Bidirectional Screw Interface Plates	9,078,706 13/409,377	7/14/2015 3/1/2012	X-Spine Systems, Inc.
Intervertebral Fusion Device Utilizing Multiple Mobile Uniaxial and Bidirectional Screw Interface Plates	Registration Pending 13405001.2	Registration Date Pending 1/8/2013	X-Spine Systems, Inc.
Intervertebral Fusion Device Utilizing Multiple Mobile Uniaxial and Bidirectional Screw Interface Plates	Registration Pending 14/793,191	Registration Date Pending 7/7/2015	X-Spine Systems, Inc.
MINIMALLY INVASIVE SPINAL FACET COMPRESSION SCREW AND SYSTEM FOR BONE JOINT FUSION AND FIXATION	8,945,193 13/413,021	2/13/2015 3/6/2012	X-Spine Systems, Inc.
MINIMALLY INVASIVE SPINAL FACET COMPRESSION SCREW AND SYSTEM FOR BONE JOINT FUSION AND FIXATION	Registration Pending 13710163.0	Registration Date Pending 2/25/2013	X-Spine Systems, Inc.
MINIMALLY INVASIVE SPINAL FACET COMPRESSION SCREW AND SYSTEM FOR BONE JOINT FUSION AND FIXATION	9,265,540 14/594,445	2/23/2016 1/12/2015	X-Spine Systems, Inc.
SURGICAL IMPLANT INSERTER COMPRESSOR	8,998,906 13/544,311	4/7/2015 7/9/2012	X-Spine Systems, Inc.
SURGICAL INSTRUMENT WITH PIVOT ABLE IMPLANT HOLDER	8,986,307 13/545,423	3/24/2015 7/10/2012	X-Spine Systems, Inc.
SPINAL IMPLANT AND ASSEMBLY (irix)	Registration Pending 13/804,972	Registration Date Pending 3/14/2013	X-Spine Systems, Inc.
SPINAL IMPLANT AND ASSEMBLY	Registration Pending 14703680.0	Registration Date Pending 1/17/2014	X-Spine Systems, Inc.
SCREW IMPLANT AND SYSTEM AND METHOD FOR LOCKING A SCREW IN AN IMPLANT PLAT	Registration Pending 14/026,405	Registration Date Pending 9/13/2013	X-Spine Systems, Inc.
SCREW IMPLANT AND SYSTEM AND METHOD FOR LOCKING A SCREW IN AN IMPLANT PLATE	Registration Pending 14761738.5	Registration Date Pending 8/20/2014	X-Spine Systems, Inc.
MODULAR MULTI-AXIAL SCREW SYSTEM	Registration Pending 14/678,129	Registration Date Pending 4/3/2015	X-Spine Systems, Inc.
MODULAR MULTI-AXIAL SCREW SYSTEM	Registration Pending PCTIUS2015/024282	Registration Date Pending 4/3/2015	X-Spine Systems, Inc.
BONE PLATING SYSTEM ON MONOLITHIC CARD	Registration Pending 15/049,642	Registration Date Pending 2/22/2016	X-Spine Systems, Inc.

Description	Registration / Application No.	Registration / Application Date	Registrant
BONE PLATING SYSTEM ON MONOLITHIC CARD	Registration Pending PCT/US2016/018932	Registration Date Pending 2/22/2016	X-Spine Systems, Inc.
MODULAR INTERSPINOUS FIXATION SYSTEM WITH THREADED COMPONENT	Registration Pending 151050,829	Registration Date Pending 2/23/2016	X-Spine Systems, Inc.
MODULAR INTERSPINOUS FIXATION SYSTEM WITH THREADED COMPONENT	Registration Pending PCT/US16/019115	Registration Date Pending 2/23/2016	X-Spine Systems, Inc.
AN EXPANDABLE IMPLANT	Registration Pending 62/180,806	Registration Date Pending 6/17/2015	X-Spine Systems, Inc.
BONE MATRIX WITH CHANNELS TO DELIVER A DESIRED AMOUNT OF HYDRATION	Registration Pending 62/273,777	Registration Date Pending 12/31/15	Bacterin International, Inc.
PROCESS FOR DEMINERALIZATION OF BONE MATRIX WITH PRESERVATION OF NATURAL GROWTH FACTORS	Registration Pending 14/812,777	Registration Date Pending 7/29/15	Bacterin International, Inc.
EXPANDABLE BONE GRAFTS AND METHODS OF MANUFACTURE THEREOF	Registration Pending 62/186,569	Registration Date Pending 6/30/15	Bacterin International, Inc.
OXYGEN SCAVENGING TISSUE GRAFT WITH ENHANCED REGENERATIVE CAPACITY AND METHOD OF MANUFACTURE THEREOF	Registration Pending 62/158,500	Registration Date Pending 5/7/15	Bacterin International, Inc.
PROCESS FOR DEMINERALIZATION OF BONE MATRIX WITH PRESERVATION OF NATURAL GROWTH FACTORS	Registration Pending 14/672,763	Registration Date Pending 3/30/15	Bacterin International, Inc.
PROCESS FOR DEMINERALIZATION OF BONE MATRIX WITH PRESERVATION OF NATURAL GROWTH FACTORS	Registration Pending 14/672,727	Registration Date Pending 3/30/15	Bacterin International, Inc.
PROCESS FOR DEMINERALIZATION OF BONE MATRIX WITH PRESERVATION OF NATURAL GROWTH FACTORS	Registration Pending 14/672,608	Registration Date Pending 3/30/15	Bacterin International, Inc.
SHAPED COLLAGEN TISSUE IMPLANT AND METHOD OF MANUFACTURING THEREOF	Registration Pending 62/140,761	Registration Date Pending 3/31/15	Bacterin International, Inc.
CROSSLINKABLE 3D PRINTED BIOMATERIAL-BASED IMPLANTS AND METHOD OF MAKING	Registration Pending 62/098,933	Registration Date Pending 12/31/14	Bacterin International, Inc.
CHONDROITIN SULFATE PROTEOGLYCAN COATED IMPLANTS FOR GUIDED NERVE REGENERATION AND METHOD OF MANUFACTURE THEREOF	Registration Pending 14/838,811	Registration Date Pending 8/28/15	Bacterin International, Inc.
BONE IMPLANT BETWEEN ADJACENT BONE BODIES IN PHALANGES	Registration Pending 14/755,783	Registration Date Pending 6/30/15	Bacterin International, Inc.
MANUFACTURE OF BIOMATERIAL IMPLANTS VIA 3D PRINTING TECHNOLOGY	Registration Pending 14/755,931	Registration Date Pending 6/30/15	Bacterin International, Inc.
APPARATUS FOR CONTROLLED THINNING OF BIOLOGICAL TISSUE AND METHOD OF USE THEREOF	Registration Pending 14/752,568	Registration Date Pending 6/26/15	Bacterin International, Inc.
DETERGENT TREATED BIOLOGICAL TISSUE WITH LOW RESIDUAL DETERGENT AND METHODS OF PRODUCING SAME	Registration Pending 14/721,932	Registration Date Pending 5/26/15	Bacterin International, Inc.

Description	Registration / Application No.	Registration / Application Date	Registrant
ANTIMICROBIAL COATING FOR INHIBITION OF BACTERIAL ADHESION AND BIOFILM FORMATION (DIV)	Registration Pending 14/268,473	Registration Date Pending 5/2/14	Bacterin International, Inc.
SHAPED FIBER-BASED PRODUCTS AND A METHOD OF MANUFACTURE THEREOF	2015/0251361 14/639,902	3/5/15 (Filing Date)	Bacterin International, Inc.
CUTTING ASSEMBLY AND METHOD OF USE	2015/0245925 14/634,577	2/27/15 (Filing Date)	Bacterin International, Inc.
PROCESS FOR DEMINERALIZATION OF BONE MATRIX WITH PRESERVATION OF NATURAL GROWTH FACTORS (DIV-CON)	US 2014/0170232 14/186,993	2/21/14 (Filing Date)	Bacterin International, Inc.
BONE GRAFT SUBSTITUTE CONTAINING A TEMPORARY CONTRAST AGENT AND A METHOD OF GENERATING SUCH A METHOD OF USE THEREOF	PCT/US14/10916 14/758,815	7/1/15 (Filing Date)	Bacterin International, Inc.
PROCESS FOR DEMINERALIZATION OF BONE MATRIX WITH PRESERVATION OF NATURAL GROWTH FACTORS (DIV)	US20120213859 13/453,818	4/23/12 (Filing Date)	Bacterin International, Inc.
PROCESS FOR DEMINERALIZATION OF BONE MATRIX WITH PRESERVATION OF NATURAL GROWTH FACTORS	US 2012-0213859 A1	6/2/08 (Filing Date)	Bacterin International, Inc.
ANTIMICROBIAL COATING FOR INHIBITION OF BACTERIAL ADHESION AND BIOFILM FORMATION	EP1742530	4/28/05 (Filing Date)	Bacterin International, Inc.
ANTIMICROBIAL COATING FOR INHIBITION OF BACTERIAL ADHESION AND BIOFILM FORMATION	CA2564437	4/28/05 (Filing Date)	Bacterin International, Inc.
ANTIMICROBIAL COATING FOR INHIBITION OF BACTERIAL ADHESION AND BIOFILM FORMATION	AU2005240104	4/28/05 (Filing Date)	Bacterin International, Inc.
ANTIMICROBIAL COATING FOR INHIBITION OF BACTERIAL ADHESION AND BIOFILM FORMATION	JP 2007535573 2007-511086	4/28/05 (Filing Date)	Bacterin International, Inc.

EXHIBIT C

Trademarks

Description	Registration / Application No.	Registration / Application Date	Registrant
OsteoLock	3793867 77518307	25-MAY-2010 09-JUL-2008	Bacterin International, Inc.
hMatrix	3886606 77228718	07-DEC-2010 12-JUL-2007	Bacterin International, Inc.
OsteoWrap	3576966 77165553	17-FEB-2009 25-APR-2007	Bacterin International, Inc.
XTANT	Registration Pending 86701171	Registration Date Pending 22-JUL-2015	Bacterin International, Inc.
ArthroFuse	4942839 86606794	19-APR-2016 22-APR-2015	Bacterin International, Inc.
OrbitalWrap	4808124 86523228	08-SEP-2015 03-FEB-2015	Bacterin International, Inc.
CIRCLE OF LIFE	4645294 86295138	25-NOV-2014 29-MAY-2014	Bacterin International, Inc.
3Demin	4765699 86259493	30-JUN-2015 22-APR-2014	Bacterin International, Inc.
OsteoPLF	Registration Pending 86168839	Registration Date Pending 17-JAN-2014	Bacterin International, Inc.
OsteoSTX	4701155 86168841	10-MAR-2015 17-JAN-2014	Bacterin International, Inc.
SportMatrix	4672256 85791006	13-JAN-2015 29-NOV-2012	Bacterin International, Inc.
BACTERINSE	4393612 85639552	27-AUG-2013 31-MAY-2012	Bacterin International, Inc.
BacFast	3794423 77675985	25-MAY-2010 23-FEB-2009	Bacterin International, Inc.
OsteoSelect	3758117 77328137	09-MAR-2010 13-NOV-2007	Bacterin International, Inc.
Elutia	3576967 77165588	17-FEB-2009 25-APR-2007	Bacterin International, Inc.
Quickscrew	3521267 77071492	21-OCT-2008 26-DEC-2006	Bacterin International, Inc.
OsteoSponge	3366646 78564754	08-JAN-2008 10-FEB-2005	Bacterin International, Inc.
ATRIX-C	Registration Pending 86924861	Registration Date Pending 01-MAR-2016	X-Spine Systems, Inc.
ARANAX	Registration Pending 86683945	Registration Date Pending 06-JUL-2015	X-Spine Systems, Inc.
XPRESS	Registration Pending 86361500	Registration Date Pending 08-AUG-2014	X-Spine Systems, Inc.
ZYFIX	Registration Pending 86305253	Registration Date Pending 10-JUN-2014	X-Spine Systems, Inc.

Description	Registration / Application No.	Registration / Application Date	Registrant
SILEX	4645064 86259218	25-NOV-2014 22-APR-2014	X-Spine Systems, Inc.
CAPLESS	4587179 85970421	19-AUG-2014 26-JUN-2013	X-Spine Systems, Inc.
 X-spine	4623255 85897549	21-OCT-2014 08-APR-2013	X-Spine Systems, Inc.
X-SPINE	4619437 85878779	14-OCT-2014 18-MAR-2013	X-Spine Systems, Inc.
CERTEX	4464066 85861707	07-JAN-2014 27-FEB-2013	X-Spine Systems, Inc.
H-GRAFT	4420033 85736106	15-OCT-2013 24-SEP-2012	X-Spine Systems, Inc.
CALIX	4334774 85736447	14-MAY-2013 24-SEP-2012	X-Spine Systems, Inc.
IRIX	4618034 85732565	07-OCT-2014 19-SEP-2012	X-Spine Systems, Inc.
FORMITY	Registration Pending 85732532	Registration Date Pending 19-SEP-2012	X-Spine Systems, Inc.
SPIDER	4110961 85198457	13-MAR-2012 15-DEC-2010	X-Spine Systems, Inc.
X90	3932766 85022681	15-MAR-2011 26-APR-2010	X-Spine Systems, Inc.
HYDRAGRAFT	3853175 77937665	28-SEP-2010 17-FEB-2010	X-Spine Systems, Inc.
AXLE	4016586 77936172	23-AUG-2011 16-FEB-2010	X-Spine Systems, Inc.
FORTEX	3853084 77936177	28-SEP-2010 16-FEB-2010	X-Spine Systems, Inc.
BUTREX	3853085 77936184	28-SEP-2010 16-FEB-2010	X-Spine Systems, Inc.
FIXCET	77935660 3932494	15-FEB-2010 15-MAR-2011	X-Spine Systems, Inc.
Capless	3328122 78725643	30-OCT-2007 03-OCT-2005	X-Spine Systems, Inc.

EXHIBIT D

Mask Works

None.