

PATENT ASSIGNMENT COVER SHEET

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EPAS ID: PAT6129774

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	RELEASE OF SECURITY INTEREST IN PATENT COLLATERAL AT REEL/FRAME NO. 043975/0669

CONVEYING PARTY DATA

Name	Execution Date
BIOPHARMA CREDIT INVESTMENTS IV SUB LP	05/29/2020

RECEIVING PARTY DATA

Name:	SI-BONE, INC.
Street Address:	471 EL CAMINO REAL
City:	SANTA CLARA
State/Country:	CALIFORNIA
Postal Code:	95050

PROPERTY NUMBERS Total: 42

Property Type	Number
Patent Number:	8840651
Patent Number:	9561063
Patent Number:	8734462
Patent Number:	9492201
Patent Number:	8858601
Patent Number:	9375323
Patent Number:	8920477
Patent Number:	8840623
Patent Number:	9486264
Patent Number:	9743969
Patent Number:	9039743
Patent Number:	9662128
Patent Number:	8308779
Patent Number:	8202305
Patent Number:	9622783
Patent Number:	9675394
Patent Number:	7922765
Patent Number:	9662158
Patent Number:	8388667
Patent Number:	8986348

PATENT

Property Type	Number
Patent Number:	8425570
Patent Number:	8444693
Patent Number:	8414648
Patent Number:	8470004
Patent Number:	9044321
Patent Number:	8778026
Patent Number:	8361003
Patent Number:	9662157
Application Number:	15461304
Application Number:	15620752
Application Number:	14488144
Application Number:	15195955
Application Number:	14719274
Application Number:	13791801
Application Number:	15208588
Application Number:	13888249
Application Number:	14216863
Application Number:	15593208
Application Number:	14515416
Application Number:	14859046
Application Number:	15085765
Application Number:	62563271

CORRESPONDENCE DATA

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NAME OF SUBMITTER:	KRISTIN J AZCONA
SIGNATURE:	/KJA/
DATE SIGNED:	05/29/2020

Total Attachments: 8

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RELEASE OF SECURITY INTEREST IN PATENT COLLATERAL

This RELEASE OF SECURITY INTEREST IN PATENT COLLATERAL, dated as of May 29, 2020 (this "**Release**"), is made by BIOPHARMA CREDIT INVESTMENTS IV SUB LP ("**Lender**") in favor of SI-BONE INC. ("**Grantor**"), as follows:

WITNESSETH

WHEREAS, pursuant to the Patent Security Agreement, dated as of October 27, 2017 (the "**Agreement**"), and recorded with the United States Patent and Trademark Office (the "**USPTO**") on October 27, 2017 at Reel/Frame 043975/0669, as collateral security for the payment and performance in full of all the obligations, liabilities and indebtedness owing to Lender, Grantor pledged and granted to Lender, for the benefit of Lender and the other Secured Parties (as set forth in the Loan Agreement, October 13, 2017, as amended as of June 17, 2018 and December 4, 2018, the "**Loan Agreement**"), a lien on and security interest in all of the right, title and interest of such Grantor in and to the Patent Collateral (as defined in the Agreement), including, without limitation those Patents (as defined in the Loan Agreement) of such Grantor listed on Schedule I attached hereto; and

WHEREAS, pursuant to the Payoff Letter, dated May 29, 2020 (the "**Payoff Letter**"), Lender has released, in favor of the Grantor, all of its security interest, right, title and interest in, to and under the Patent Collateral, including, without limitation, those Patents of such Grantor listed on Schedule I attached hereto.

NOW, THEREFORE, for good and valuable consideration, the receipt of which is hereby acknowledged and as set forth in the Payoff Letter, Lender hereby terminates the Agreement and terminates, releases and re-conveys to Grantor, without recourse, any and all of Lender's right, title and interest in and to its security interest in the Patent Collateral, including, without limitation, those Patents of such Grantor listed on Schedule I attached hereto.

Lender confirms that this Release may be filed along with any other necessary documentation with the USPTO to evidence the release granted herein, as desired by Grantor. Lender authorizes Grantor, any of the Grantors' authorized representatives, any new lender to the Grantor or any of such new lender's authorized representatives to (i) record this Release with the USPTO and other applicable registry at the sole expense of Grantor and (ii) file UCC financing statement terminations with the applicable filing office in order to memorialize the release of any Lien on, or security interest in, the Patent Collateral. Lender agrees to provide Grantor with any information and additional authorization necessary to effect the release of the security interest in the Patent Collateral.

The validity, interpretation and enforcement of this Release and any dispute arising out of the relationship between the parties hereto, whether in contract, tort, equity or otherwise, shall be governed by and construed in accordance with the terms and conditions of the Payoff Letter and this Release is expressly subject thereto.

Capitalized terms used but not defined herein shall have the meanings given to them in the Agreement.

Delivery of an executed signature page to this Release by facsimile or electronic transmissions (including .pdf file) shall be effective as delivery of an original signature.

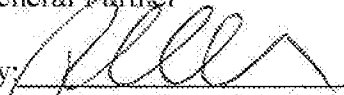
[Signature Page Follows]

IN WITNESS WHEREOF, Lender has caused this Release to be duly executed and delivered by its duly authorized officer as of the date first written above.

**BIOPHARMA CREDIT INVESTMENTS IV
SUB LP**

By: Pharmakon Advisors, LP, its
Investment Manager

By: Pharmakon Management I, LLC, its
General Partner

By: 
Name: Pedro Gonzalez de Cosio
Title: Managing Member

**SCHEDULE I TO
RELEASE OF SECURITY INTEREST
IN PATENT COLLATERAL**

See Attached.

Patents and Patent Applications

Entity Type	Count /Region	Title	Filing Date	Issue Date	Status	Application No.	Patent No.
Continuation	US	Systems And Methods For The Fixation Or Fusion Of Bone	11/12/2012	9/23/2014	Granted	13/674,764	8,840,651
Continuation	US	Systems And Methods For The Fixation Or Fusion Of Bone	4/1/2011	2/7/2017	Granted	13/078,530	9,561,063
Continuation	US	Systems And Methods For The Fixation Or Fusion Of Bone Using Compressive Implants	3/5/2013	5/27/2014	Granted	13/786,037	8,734,462
Continuation	US	Apparatus, Systems And Methods For Achieving Anterior Lumbar Interbody Fusion	4/22/2013	11/15/2016	Granted	13/867,941	9,492,201
Continuation	US	Apparatus, Systems, And Methods For Achieving Lumbar Facet Fusion	5/20/2013	10/14/2014	Granted	13/898,415	8,858,601
Continuation	US	Apparatus, Systems, And Methods For Achieving Trans-Iliac Lumbar Fusion	4/8/2013	6/28/2016	Granted	13/858,814	9,375,323
Continuation	US	Apparatus, Systems, And Methods For Stabilizing A Spondylolisthesis	6/24/2013	12/30/2014	Granted	13/925,678	8,920,477
Continuation	US	Systems And Methods For The Fixation Or Fusion Of Bone	1/23/2014	9/23/2014	Granted	14/162,689	8,840,623
Continuation	US	Systems And Methods For The Fixation Or Fusion Of Bone Using Compressive Implants	5/9/2014	11/8/2016	Granted	14/274,486	9,486,264
Continuation	US	Systems And Methods For The Fixation Or Fusion Of Bone	4/4/2014	8/29/2017	Granted	14/245,759	9,743,969
Continuation	US	Systems And Methods For The Fusion of The Sacral-Iliac Joint	5/16/2014	5/26/2015	Granted	14/280,436	9,039,743

Continuation	US	Systems And Methods For The Fixation Or Fusion Of Bone	9/16/2014		Allowed	14/488,144	
Continuation	US	Systems And Methods For The Fusion Of The Sacral-Iliac Joint	5/8/2015	5/30/2017	Granted	14/707,817	9,662,128
Continuation	US	Systems And Methods For The Fixation Or Fusion Of Bone At Or Near A Sacroiliac Joint	6/12/2017		Published	15/620,752	
Divisional	US	Systems And Methods For The Fixation Or Fusion Of Bone	2/25/2008	11/13/2012	Granted	12/072,153	8,308,779
Divisional	US	Systems And Methods For The Fixation Or Fusion Of Bone	7/22/2010	6/19/2012	Granted	12/804,516	8,202,305
Divisional	US	Systems And Methods For The Fixation Or Fusion Of Bone	1/18/2011	4/18/2017	Granted	12/930,791	9,622,783
Divisional	US	Systems And Methods For The Fixation Or Fusion Of Bone At Or Near A Sacroiliac Joint	5/16/2014	6/13/2017	Granted	14/280,360	9,675,394
Divisional	US	Systems And Methods For The Fixation Or Fusion Of Bone	3/16/2017		Published	15/461,304	
Continuation-In-Part	US	Systems And Methods For The Fixation Or Fusion Of Bone	5/24/2005	4/12/2011	Granted	11/136,141	7,922,765
Continuation-In-Part	US	Systems And Methods For The Fixation Or Fusion Of Bone At Or Near A Sacroiliac Joint	12/4/2008	5/30/2017	Granted	12/315,559	9,662,158
Continuation-In-Part	US	Systems And Methods For The Fixation Or Fusion Of Bone Using Compressive Implants	10/5/2010	3/5/2013	Granted	12/924,784	8,388,667
Continuation-In-Part	US	Systems And Methods For The Fusion Of The Sacral-Iliac Joint	10/5/2010	3/24/2015	Granted	12/924,782	8,986,348
Continuation-In-Part	US	Apparatus, Systems And Methods For Achieving Anterior Lumbar Interbody Fusion	12/6/2010	4/23/2013	Granted	12/960,798	8,425,570
Continuation-In-Part	US	Apparatus, Systems, And Methods For Achieving Lumbar Facet Fusion	12/6/2010	5/21/2013	Granted	12/960,811	8,444,693
Continuation-In-Part	US	Apparatus, Systems, And Methods For Achieving Trans-Iliac Lumbar Fusion	12/6/2010	4/9/2013	Granted	12/960,831	8,414,648

Continuation-In-Part	US	Apparatus, Systems, And Methods For Stabilizing A Spondylolisthesis	12/6/2010	6/25/2013	Granted	12/960,857	8,470,004
Continuation-In-Part	US	Apparatus, Systems, And Methods For The Fixation Or Fusion Of Bone	6/28/2016		Published	15/195,955	
National Phase	Europe	Systems And Methods For The Fixation Or Fusion Of Bone	8/3/2005		Published	05782575.4	
National Phase	Japan	Systems And Methods For The Fixation Or Fusion Of Bone	8/3/2005	11/30/2012	Granted	2007-525662	5144261
Divisional	Japan	Systems And Methods For The Fixation Or Fusion Of Bone	8/3/2005	10/30/2015	Granted	2011-175425	5830301
Divisional	Japan	Systems And Methods For The Fixation Or Fusion Of Bone	8/3/2005	7/10/2015	Granted	2013-140489	5775548
National Phase	China	Systems And Methods For The Fixation Or Fusion Of Bone Using Compressive Implants	10/5/2011	4/13/2016	Granted	201180058533.X	ZL201180058533.X
National Phase	Europe	Systems And Methods For The Fixation Or Fusion Of Bone Using Compressive Implants	10/5/2011		Published	11831524.1	
National Phase	Japan	Systems And Methods For The Fixation Or Fusion Of Bone Using Compressive Implants	10/5/2011	7/3/2015	Granted	2013-532916	5771277
Utility	US	Integrated Implant	3/8/2013	6/2/2015	Granted	13/791,746	9,044,321
Divisional	US	Integrated Implant	5/21/2015		Published	14/719,274	
National Phase	Europe	Integrated Implant	3/8/2013		Published	13757653.4	
National Phase	Japan	Integrated Implant	3/8/2013	2/17/2017	Granted	2014-561152	6091529
Divisional	Japan	Integrated Implant	3/8/2013		Published	2017-020155	
National Phase	Korea	Integrated Implant	3/8/2013		Published	10-2014-7028547	
Utility	US	Threaded Implant	3/8/2013		Published	13/791,801	
National Phase	Europe	Threaded Implant	3/8/2013		Published	13757448.9	

National Phase	Japan	Threaded Implant	3/8/2013		Published	2014-561153	
National Phase	Korea	Threaded Implant	3/8/2013		Published	10-2014-7028548	
Utility	US	Artificial SI Joint	3/8/2013	7/15/2014	Granted	13/791,837	8,778,026
Continuation-In-Part	US	Systems, Device, And Methods For Joint Fusion	7/12/2016		Published	15/208,588	
Utility	US	Fenestrated Implant	5/6/2013		Published	13/888,249	
National Phase	Brazil	Fenestrated Implant	5/6/2013		Published	BR112014027319-7	
National Phase	Europe	Fenestrated Implant	5/6/2013		Published	13784137.5	
National Phase	Japan	Fenestrated Implant	5/6/2013		Published	2015-510506	
National Phase	Korea	Fenestrated Implant	5/6/2013		Published	10-2014-7034211	
Utility	US	Systems, Devices, And Methods For Diagnosing And Treating Conditions Of The Spine	9/1/2009	1/29/2013	Granted	12/584,163	8,361,003
Utility	US	Implants For Spinal Fixation Or Fusion	3/17/2014		Published	14/216,863	
Utility	US	Matrix Implant	9/18/2015	5/30/2017	Granted	14/859,005	9,662,157
Continuation	US	Matrix Implant	5/11/2017		Pending	15/593,208	
National Phase	Europe	Matrix Implant	9/18/2015	-	Published	15842782.3	-
National Phase	Japan	Matrix Implant	9/18/2015	-	Published	2017-515113	-
Utility	US	Implant Placement	10/15/2014		Allowed	14/515,416	
Utility	US	Implants For Bone Fixation Or Fusion	9/18/2015	-	Published	14/859,046	-
Utility	US	Neuromonitoring Systems and Methods for Bone Fixation or Fusion Procedures	3/30/2016		Published	15/085,765	
Provisional	US	Systems and Methods for Decorticating the Sacroiliac Joint	09/26/2017		Pending	62/563,271	

PATENT

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RECORDED: 05/29/2020