

TRADEMARK ASSIGNMENT

Electronic Version v1.1
 Stylesheet Version v1.1

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|------------------------------|-------------------|
| SUBMISSION TYPE: | NEW ASSIGNMENT |
| NATURE OF CONVEYANCE: | SECURITY INTEREST |

CONVEYING PARTY DATA

| Name | Formerly | Execution Date | Entity Type |
|---------------------|----------|----------------|--------------|
| Amedica Corporation | | 12/14/2012 | CORPORATION: |
| US Spine, Inc. | | 12/14/2012 | COMPANY: |

RECEIVING PARTY DATA

| | |
|------------------------|--|
| Name: | GE Capital Equity Investments, Inc. c/o GE Healthcare Financial Services, Inc. |
| Street Address: | Two Bethesda Metro Center, Suite 600 |
| City: | Bethesda |
| State/Country: | MARYLAND |
| Postal Code: | 20814 |
| Entity Type: | CORPORATION: DELAWARE |

PROPERTY NUMBERS Total: 21

| Property Type | Number | Word Mark |
|----------------------|---------|-------------------------|
| Registration Number: | 4191675 | TERCET |
| Registration Number: | 3738276 | MC2 |
| Registration Number: | 3274941 | AMEDICA |
| Registration Number: | 3763893 | RETHINK WHAT'S POSSIBLE |
| Registration Number: | 3584131 | AMEDICA |
| Registration Number: | 3584130 | |
| Registration Number: | 3658786 | AWL-IN-ONE |
| Registration Number: | 3640226 | VALEO |
| Registration Number: | 3261479 | ALTIA |
| Registration Number: | 3418806 | INFINIA |
| Registration Number: | 3596784 | US SPINE |
| Registration Number: | 3597359 | PREFERENCE |
| Registration Number: | 3597360 | ORIGIN |

OP \$540.00 4191675

| | | |
|----------------------|----------|--------------------------------|
| Registration Number: | 3597358 | FACETGUN |
| Registration Number: | 3559272 | FACETBOLT |
| Registration Number: | 3633793 | ADVANCING THE SCIENCE OF SPINE |
| Registration Number: | 4027488 | JAVELIN |
| Serial Number: | 85410436 | PROCET |
| Serial Number: | 85038086 | BIOACTIVE FUSION |
| Serial Number: | 85729796 | MATERIAL MATTERS |
| Serial Number: | 78904337 | CSC |

CORRESPONDENCE DATA

Fax Number: 2147581550
Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent via US Mail.
Phone: 214-758-1541
Email: sasmith@pattonboggs.com
Correspondent Name: Megan Carter
Address Line 1: 2000 McKinney Ave.
Address Line 2: Suite 1700
Address Line 4: Dallas, TEXAS 75201

| | |
|-------------------------|----------------|
| ATTORNEY DOCKET NUMBER: | 026674.0103 |
| NAME OF SUBMITTER: | Megan Carter |
| Signature: | /Megan Carter/ |
| Date: | 12/18/2012 |

Total Attachments: 21
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INTELLECTUAL PROPERTY SECURITY AGREEMENT

THIS INTELLECTUAL PROPERTY SECURITY AGREEMENT (as the same may be amended, restated, supplemented or otherwise modified from time to time, the "Agreement"), dated as of December 17, 2012, is made by each of the entities listed on the signature pages hereof (each a "Grantor" and, collectively, the "Grantors"), in favor of General Electric Capital Corporation ("GE Capital"), as administrative and collateral agent (in such capacity, together with its successors and permitted assigns, the "Agent") for the Agent and the Lenders (as defined in the Loan Agreement referred to below).

WITNESSETH:

WHEREAS, pursuant to the Loan and Security Agreement, dated as of December 17, 2012 (as the same may be amended, restated, supplemented or otherwise modified from time to time, the "Loan Agreement"), among Amedica Corporation ("Borrower"), US Spine, Inc. ("Guarantor"), the other loan parties party thereto from time to time, the Lenders from time to time party thereto and GE Capital, as Agent for the Lenders, the Lenders have severally agreed to make Revolving Loans and a Term Loan (collectively, "Loans") to Borrower upon the terms and subject to the conditions set forth therein;

WHEREAS, Guarantor has agreed, pursuant to a Guaranty of even date herewith (the "Guaranty Agreement") in favor of Agent, to guarantee the Guaranteed Obligations (as defined in the Guaranty Agreement); and

WHEREAS, all of the Grantors are party to the Loan Agreement pursuant to which the Grantors are required to execute and deliver this Agreement.

NOW, THEREFORE, in consideration of the premises and to induce the Lenders and the Agent to enter into the Loan Agreement and to induce the Lenders to make the Loans to Borrower thereunder, each Grantor hereby agrees with the Agent as follows:

Section 1. Defined Terms. Capitalized terms used herein without definition are used as defined in the Loan Agreement.

Section 2. Grant of Security Interest in Collateral. Each Grantor, as collateral security for the prompt and complete payment and performance when due (whether at stated maturity, by acceleration or otherwise) of the Obligations, hereby mortgages, pledges and hypothecates to the Agent for the benefit of Lenders, and grants to the Agent for the benefit of Lenders a Lien on and security interest in, all of its right, title and interest in, to and under the following property of such Grantor (the "Collateral"):

(a) all Intellectual Property including, without limitation, those referred to on Schedule I hereto;

(b) all licenses providing for the grant by or to such Grantor of any right under any Intellectual Property, including, without limitation, those referred to on Schedule I hereto;

(c) all reissues, reexaminations, continuations, continuations-in-part, divisionals, renewals, reversions and extensions of the foregoing;

(d) all goodwill of the Grantor connected with the use of, and symbolized by, such Intellectual Property; and

(e) all income, royalties, proceeds and liabilities at any time due or payable or asserted under and with respect to any of the foregoing, including, without limitation, all rights to sue and recover at law or in equity for any past, present and future infringement, misappropriation, dilution, violation or other impairment thereof.

Section 3. Loan Agreement. The security interest granted pursuant to this Agreement is granted in conjunction with the security interest granted to the Agent pursuant to the Loan Agreement and each Grantor hereby acknowledges and agrees that the rights and remedies of the Agent with respect to the security interest in the Collateral made and granted hereby are more fully set forth in the Loan Agreement, the terms and provisions of which are incorporated by reference herein as if fully set forth herein.

Section 4. Grantor Remains Liable. Each Grantor hereby agrees that, anything herein to the contrary notwithstanding, such Grantor shall assume full and complete responsibility for the prosecution, defense, enforcement or any other necessary or desirable actions in connection with their Intellectual Property subject to a security interest hereunder.

Section 5. Counterparts. This Agreement may be executed in any number of counterparts and by different parties in separate counterparts, each of which when so executed shall be deemed to be an original and all of which taken together shall constitute one and the same agreement. Signature pages may be detached from multiple separate counterparts and attached to a single counterpart. Delivery of an executed signature page of this Agreement by facsimile transmission or electronic transmission shall be as effective as delivery of a manually executed counterpart hereof.


Section 6. Governing Law. This Agreement and the rights and obligations of the parties hereto shall be governed by, and construed and interpreted in accordance with, the law of the State of New York.

[SIGNATURE PAGES FOLLOW]


IN WITNESS WHEREOF, each Grantor has caused this Intellectual Property Security Agreement to be executed and delivered by its duly authorized officer as of the date first set forth above.

Very truly yours,

AMEDICA CORPORATION, as Grantor

By: 
Name: Eric Olson
Title: CEO

US SPINE, INC., as Grantor

By: 
Name: Eric Olson
Title: CEO

[SIGNATURE PAGE TO INTELLECTUAL PROPERTY SECURITY AGREEMENT]

026674.0103\4830-1415-6306

TRADEMARK
REEL: 004922 FRAME: 0591

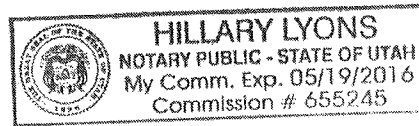
ACKNOWLEDGMENT OF GRANTOR

State of Utah)
County of Salt Lake)

ss.

On this 14 day of December __, 2012 before me personally appeared Eric Olson, proved to me on the basis of satisfactory evidence to be the person who executed the foregoing instrument on behalf of Ametica Corporation, who being by me duly sworn did depose and say that he is an authorized officer of said corporation, that the said instrument was signed on behalf of said corporation as authorized by its Board of Directors and that he acknowledged said instrument to be the free act and deed of said corporation.

Hilary Lyons
Notary Public



State of Utah)
County of Salt Lake)

ss.

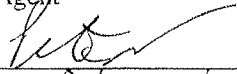
On this 14 day of December __, 2012 before me personally appeared Eric Olson, proved to me on the basis of satisfactory evidence to be the person who executed the foregoing instrument on behalf of US Spine, Inc., who being by me duly sworn did depose and say that he is an authorized officer of said corporation, that the said instrument was signed on behalf of said corporation as authorized by its Board of Directors and that he acknowledged said instrument to be the free act and deed of said corporation.

Hilary Lyons
Notary Public



ACCEPTED AND AGREED
as of the date first above written:

GENERAL ELECTRIC CAPITAL CORPORATION
as Agent

By: 
Name: Peter Gibson
Title: Duly Authorized Signatory



[SIGNATURE PAGE TO INTELLECTUAL PROPERTY SECURITY AGREEMENT]



026674.0103\4830-1415-6306







TRADEMARK
REEL: 004922 FRAME: 0593

Intellectual Property Security Agreement - Schedule 1

1. Trademark Registrations

| Territory | Trademark | Owner | Serial Number | Registration Number | Filing Date | Reg. Date |
|-----------|---|---------------------|---------------|---------------------|-------------|-----------|
| U.S. | TERCET | Amedica Corporation | 85/316,051 | 4,191,675 | 5/9/2011 | 8/14/2012 |
| U.S. | MC2 | Amedica Corporation | 78/904,334 | 3,738,276 | 6/8/2006 | 1/12/2010 |
| U.S. | AMEDICA | Amedica Corporation | 78/896,311 | 3,274,941 | 5/30/2006 | 8/7/2007 |
| U.S. | RETHINK WHAT'S POSSIBLE | Amedica Corporation | 77/383,643 | 3,763,893 | 1/29/2008 | 3/23/2010 |
| U.S. |  | Amedica Corporation | 77/291,939 | 3,584,131 | 9/28/2007 | 3/3/2009 |
| U.S. |  | Amedica Corporation | 77/291,928 | 3,584,130 | 9/28/2007 | 3/3/2009 |
| U.S. | AWL-IN-ONE | Amedica Corporation | 77/291,911 | 3,658,786 | 9/28/2007 | 7/21/2009 |
| U.S. | VALEO | Amedica Corporation | 77/144,274 | 3,640,226 | 3/29/2007 | 6/16/2009 |
| U.S. | ALTIA | Amedica Corporation | 76/558,083 | 3,261,479 | 11/7/2003 | 7/10/2007 |

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|---------------------|---|---------------------|------------|------------|-----------|------------|
| U.S. | INFINIA | Amedica Corporation | 76/558,065 | 3,418,806 | 11/7/2003 | 4/29/2008 |
| Community Trademark | ALTIA | Amedica Corporation | 4618609 | 4618609 | 9/5/2005 | 9/5/2005 |
| Community Trademark | AMCA | Amedica Corporation | 5319363 | 5319363 | 8/31/2006 | 8/31/2006 |
| Community Trademark | AMEDICA | Amedica Corporation | 5319355 | 5319355 | 8/31/2006 | 4/29/2008 |
| Community Trademark |  | Amedica Corporation | IR-0956689 | IR-0956689 | 2/28/2008 | 2/28/2008 |
| Community Trademark | CSC | Amedica Corporation | 5319306 | 5319306 | 8/31/2006 | 10/20/2011 |
| Community Trademark | INFINIA | Amedica Corporation | 3830494 | 3830494 | 5/12/2004 | 9/21/2005 |
| Community Trademark | MC2 | Amedica Corporation | 5319298 | 5319298 | 8/31/2006 | 8/23/2007 |
| Community Trademark |  | Amedica Corporation | IR-956513 | IR-956513 | 2/28/2008 | 2/28/2008 |
| Community Trademark | VALEO | Amedica Corporation | 6362628 | 6362628 | 10/1/2007 | 2/16/2009 |

| | | | | | | |
|----------------------------|---|---------------------|------------|-----------|-----------|-----------|
| Japan | AMEDICA | Amedica Corporation | IR-956565 | IR-956565 | 2/28/2008 | 2/28/2008 |
| Japan |  AMEDICA | Amedica Corporation | IR-956689 | IR-956689 | 2/28/2008 | 2/28/2008 |
| Japan |  | Amedica Corporation | IR-956513 | IR-956513 | 2/28/2008 | 2/28/2008 |
| Switzerland | AMEDICA | Amedica Corporation | IR-956565 | IR-956565 | 2/28/2008 | 2/28/2008 |
| Switzerland |  AMEDICA | Amedica Corporation | IR-956689 | IR-956689 | 2/28/2008 | 2/28/2008 |
| Switzerland |  | Amedica Corporation | IR-956513 | IR-956513 | 2/28/2008 | 2/28/2008 |
| International Registration | AMEDICA | Amedica Corporation | A0011563 | IR-956565 | 2/28/2008 | 2/28/2008 |
| International Registration |  AMEDICA | Amedica Corporation | A001111561 | IR-956689 | 2/28/2008 | 2/28/2008 |
| International Registration |  | Amedica Corporation | A0011568 | IR-956513 | 2/28/2008 | 2/28/2008 |
| U.S. | US SPINE | U.S. Spine, Inc. | 77/391,136 | 3,596,784 | 2/7/2008 | 3/24/2009 |

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|------|--------------------------------|------------------|------------|-----------|----------|-----------|
| U.S. | PREFERENCE | U.S. Spine, Inc. | 77/391,168 | 3,597,359 | 2/7/2008 | 3/31/2009 |
| U.S. | ORIGIN | U.S. Spine, Inc. | 77/391,187 | 3,597,360 | 2/7/2008 | 3/31/2009 |
| U.S. | FACETGUN | U.S. Spine, Inc. | 77/391,121 | 3,597,358 | 2/7/2008 | 3/31/2009 |
| U.S. | FACETBOLT | U.S. Spine, Inc. | 77/391,067 | 3,559,272 | 2/7/2008 | 1/6/2009 |
| U.S. | ADVANCING THE SCIENCE OF SPINE | U.S. Spine, Inc. | 77/391,147 | 3,633,793 | 2/7/2008 | 6/9/2009 |
| U.S. | JAVELIN | U.S. Spine, Inc. | 77/905,169 | 4,027,488 | 1/5/2010 | 9/20/2011 |

2. Trademark Applications

| Territory | Trademark | Owner | Serial Number | Registration Number | Filing Date | Reg. Date |
|-----------|------------------|---------------------|---------------|---------------------|-------------|---------------------|
| U.S. | PROCET | Amedica Corporation | 85/410,436 | n/a | 8/30/2011 | Expected 12/18/2012 |
| U.S. | BIOACTIVE FUSION | Amedica Corporation | 85/038,086 | n/a | 5/13/2010 | n/a |
| U.S. | MATERIAL MATTERS | Amedica Corporation | 85/729,796 | n/a | 9/14/2012 | n/a |
| U.S. | CSC | Amedica Corporation | 78/904,337 | n/a | 6/8/2006 | n/a |

3. TRADEMARK LICENSES

(NONE)

1. REGISTERED PATENTS

| Owner | Patent / Publication # | Application # | Issue Date | Filing Date | Title |
|---|------------------------|---------------|------------|-------------|--|
| Amedica Corporation | 5,563,106 | 8/575,236 | 10/8/1996 | 8/12/1992 | POROUS ARTICLES |
| Amedica Corporation | 5,705,448 | 8/737,120 | 1/6/1998 | 5/10/1995 | PRODUCTION OF POROUS ARTICLES |
| Amedica Corporation | 5,876,460 | 08/709186 | 3/2/1999 | 9/6/1996 | CEMENTED PROSTHETIC COMPONENT AND PLACEMENT METHOD |
| Amedica Corporation | 6,355,067 | 09/509282 | 3/12/2002 | 3/22/2000 | CEMENTED PROSTHETIC COMPONENT AND PLACEMENT METHOD |
| Amedica Corporation | 6,617,270 | 9/831,953 | 9/9/2003 | 11/15/1999 | METHOD OF MAKING POROUS CERAMIC MATRICES SUITABLE AS CATALYSTS SUPPORT |
| Amedica Corporation | 6,790,233 | 10/137108 | 9/14/2004 | 4/30/2002 | RADIOLUCENT SPINAL FUSION CAGE |
| Amedica Corporation (Note name misspelled as ASMEDICA) | 6,846,327 | 10/137106 | 1/25/2005 | 4/30/2002 | RADIOLUCENT BONE GRAFT |
| Amedica Corporation | 6,881,229 | 10/171376 | 4/19/2005 | 6/13/2002 | METAL-CERAMIC COMPOSITE ARTICULATION |
| Amedica Corporation | 6,994,727 | 10/737108 | 2/7/2006 | 12/15/2003 | TOTAL DISC IMPLANT |
| Amedica Corporation | 7,666,229 | 10/987415 | 2/23/2010 | 11/12/2004 | CERAMIC-CERAMIC ARTICULATION SURFACE IMPLANTS |
| Amedica Corporation | 7,695,521 | 11/203047 | 4/13/2010 | 8/12/2005 | HIP PROSTHESIS WITH MONOBLOCK CERAMIC ACETABULAR CUP |
| Amedica Corporation | 7,758,646 | 11/149627 | 7/20/2010 | 6/9/2005 | TOTAL DISC IMPLANT |
| Amedica Corporation | 7,771,481 | 11/858016 | 8/10/2010 | 9/19/2007 | TOTAL DISC IMPLANT |
| Amedica Corporation | 7,776,085 | 11/223376 | 8/17/2010 | 9/8/2005 | KNEE PROSTHESIS WITH CERAMIC TIBIAL COMPONENT |
| Amedica Corporation | 7,780,738 | 11/020424 | 8/24/2010 | 12/21/2004 | POLYMER-CERAMIC ARTICULATION |
| Amedica Corporation | 8,016,890 | 12/803889 | 9/13/2011 | 7/7/2010 | TOTAL DISC IMPLANT |
| Amedica Corporation | 8,123,812 | 12/583940 | 2/28/2012 | 8/27/2009 | CERAMIC-CERAMIC ARTICULATION SURFACE IMPLANTS |
| Amedica Corporation | 8,133,284 | 12/661991 | 3/13/2012 | 3/26/2010 | HIP PROSTHESIS WITH MONOBLOCK CERAMIC ACETABULAR CUP |

1. REGISTERED PATENTS

| Owner | Patent / Publication # | Application # | Issue Date | Filing Date | Title |
|-------------------|---------------------------|----------------|------------|-------------|---|
| Amica Corporation | 8,252,058 | 11/307681 | 8/28/2012 | 2/16/2006 | SPINAL IMPLANT WITH ELLIPTICAL ARTICULATORY INTERFACE |
| Unavailable | AU 755174 | AU 19980086635 | 3/20/2003 | 7/27/1998 | CEMENTED PROSTHETIC COMPONENT AND PLACEMENT METHOD |
| Unavailable | CA 2304677 | CA 2304677 | 4/17/2007 | 7/27/1998 | CEMENTED PROSTHETIC COMPONENT AND PLACEMENT METHOD |
| Unavailable | DE 69839308 | EP 98938019.1 | 3/26/2008 | 7/27/1998 | CEMENTED PROSTHETIC COMPONENT AND PLACEMENT METHOD |

1. REGISTERED PATENTS

| Owner | Patent / Publication # | Application # | Issue Date | Filing Date | Title |
|------------------|------------------------|-----------------|------------|-------------|---|
| Unavailable | EP 1023009 | EP 98938019.1 | 3/26/2008 | 7/27/1998 | CEMENTED PROSTHETIC COMPONENT AND PLACEMENT METHOD |
| Unavailable | EP 1023009 | EP 98938019.1 | 3/26/2008 | 7/27/1998 | CEMENTED PROSTHETIC COMPONENT AND PLACEMENT METHOD |
| Unavailable | EP 1023009 | EP 98938019.1 | 3/26/2008 | 7/27/1998 | CEMENTED PROSTHETIC COMPONENT AND PLACEMENT METHOD |
| Unavailable | EP 1389978 | EP 02729081.6 | 1/7/2009 | 4/30/2002 | RADIOLUCENT BONE GRAFT |
| Unavailable | JP 2009-504270 | JP 2008-0526230 | 6/8/2012 | 8/10/2006 | HIP PROSTHESIS WITH MONOBLOCK CERAMIC ACETABULAR CUP |
| Unavailable | KR 0638949 | KR 2000-7003286 | 10/19/2006 | 7/27/1998 | CEMENTED PROSTHETIC COMPONENT AND PLACEMENT METHOD |
| Unavailable | EP 1408874 | EP02759088.4 | 8/8/2012 | 6/12/2002 | Ceramic-Ceramic Composite Articulation |
| Unavailable | AU 682013 | AU 19940053629 | 9/18/1997 | 10/15/1993 | APPARATUS AND METHOD FOR SPINAL FIXATION |
| Unavailable | EP 719118 | EP93923919.0 | 12/15/1999 | 10/15/1993 | APPARATUS AND METHOD FOR SPINAL FIXATION |
| Unavailable | FR 2697743 | FR 2697743 | 1/27/1995 | 10/15/1993 | APPARATUS AND METHOD FOR SPINAL FIXATION |
| U.S. Spine, Inc. | 7,232,463 | 10/691854 | 6/19/2007 | 10/23/2003 | INTERVERTEBRAL CAGE DESIGNS |
| U.S. Spine, Inc. | 7,563,275 | 10/973524 | 7/21/2009 | 10/26/2004 | BONE FIXATION IMPLANT SYSTEM AND METHOD |
| U.S. Spine, Inc. | 7,608,094 | 10/683076 | 10/27/2009 | 10/10/2003 | PERCUTANEOUS FACET FIXATION SYSTEM |
| U.S. Spine, Inc. | 7,674,297 | 10/462498 | 3/9/2010 | 6/16/2003 | ANATOMIC VERTEBRAL CAGE |
| U.S. Spine, Inc. | 8,002,812 | 12/122498 | 8/23/2011 | 5/16/2008 | BONE FIXATION IMPLANT SYSTEM AND METHOD |
| U.S. Spine, Inc. | 8,043,376 | 10/979021 | 10/25/2011 | 11/1/2004 | PERCUTANEOUS POSTERIOR LATERAL IN-SITU CAGE |
| U.S. Spine, Inc. | 8,123,783 | 11/418640 | 2/28/2012 | 5/5/2006 | PEDICLE SCREW-BASED DYNAMIC POSTERIOR STABILIZATION SYSTEMS AND METHODS |
| U.S. Spine, Inc. | 8,123,786 | 12/257951 | 2/28/2012 | 10/24/2008 | PEDICLE-BASED FACET JOINT FIXATION SYSTEMS AND METHODS |
| U.S. Spine, Inc. | 8,206,400 | 11/484521 | 6/26/2012 | 7/11/2006 | PERCUTANEOUS TRANSLAMINAR FACET FIXATION SYSTEM |

TRADEMARK

REEL: 004922 FRAME: 0602

| 1. REGISTERED PATENTS | | | | | |
|------------------------|------------------------|-----------------|------------|-------------|---|
| Owner | Patent / Publication # | Application # | Issue Date | Filing Date | Title |
| U.S. Spine, Inc. | 8,246,654 | 12/485393 | 8/21/2012 | 6/16/2009 | TRANSFACET FIXATION ASSEMBLY AND RELATED SURGICAL METHODS |
| U.S. Spine, Inc. | 8,323,345 | 12/371008 | 12/4/2012 | 2/13/2009 | ANTERIOR LUMBAR INTERBODY FUSION CAGE DEVICE AND ASSOCIATED METHOD |
| Unavailable | AU 2005299362 | AU 2005299362 | 3/22/2012 | 5/24/2007 | BONE FIXATION IMPLANT SYSTEM AND METHOD |
| 2. PATENT APPLICATIONS | | | | | |
| Owner | Patent / Publication # | Application # | Issue Date | Filing Date | Title |
| U.S. Spine, Inc. | | 13/669,302 | | 11/5/2012 | ANTERIOR LUMBAR INTERBODY FUSION CAGE DEVICE AND ASSOCIATED METHOD |
| Amedica Corporation | 2012/0123545 | 13/136886 | n/a | 8/11/2011 | TOTAL DISC IMPLANT |
| Amedica Corporation | 2012/0123555 | 13/357726 | n/a | 1/25/2012 | Ceramic-Ceramic Articulation Surface Implants |
| Amedica Corporation | 2012/0136454 | 13/368688 | n/a | 2/8/2012 | Hip Prosthesis With Monoblock Ceramic Acetabular Cup |
| Unavailable | AU 2002324443 | AU 2002324443 | n/a | 6/12/2002 | Ceramic-Ceramic Composite Articulation |
| Unavailable | EP 1572042 | EP 03814052.1 | n/a | 12/15/2003 | TOTAL DISC IMPLANT |
| Unavailable | EP 1890654 | EP 06784429.0 | n/a | 5/18/2006 | KNEE PROSTHESIS WITH CERAMIC TIBIAL COMPONENT |
| Unavailable | EP 1922033 | EP 06801260.8 | n/a | 8/10/2006 | HIP PROSTHESIS WITH MONOBLOCK CERAMIC ACETABULAR CUP |
| Unavailable | EP 1988856 | EP 07756860.8 | n/a | 2/12/2007 | SPINAL IMPLANT WITH ELLIPTICAL ARTICULATORY INTERFACE |
| Unavailable | EP 2055267 | EP 09150116.3 | n/a | 4/30/2002 | RADIOLUCENT BONE GRAFT |
| Unavailable | JP 2009-297562 | JP 2009-0226518 | n/a | 9/30/2009 | TOTAL DISC IMPLANT |
| Amedica Corporation | n/a | 13/468,278 | n/a | 5/10/2012 | SPINAL FUSION IMPLANTS |
| Amedica Corporation | n/a | 13/619,319 | n/a | 9/14/2012 | COATED IMPLANTS AND RELATED METHODS |
| Amedica Corporation | | 13/550251 | | 7/16/2012 | SPINAL IMPLANT WITH ELLIPTICAL ARTICULATORY INTERFACE |
| Amedica Corporation | | 13/538559 | n/a | 6/29/2012 | Radiolucent Spinal Fusion Cage |
| U.S. Spine, Inc. | 2006/0142642 | 11/323002 | n/a | 12/29/2005 | Minimally-invasive portal system for performing lumbar decompression, instrumented fusion/stabilization, and the like |

TRADEMARK

REEL: 004922 FRAME: 0603

1. REGISTERED PATENTS

| Owner | Patent / Publication # | Application # | Issue Date | Filing Date | Title |
|------------------|-------------------------------|----------------------|-------------------|--------------------|--|
| U.S. Spine, Inc. | 2007/0067035 | 11/532731 | n/a | 9/18/2006 | STEERABLE INTERBODY FUSION CAGE |
| U.S. Spine, Inc. | 2007/0225724 | 11/690884 | n/a | 3/26/2007 | NON-PEDICLE BASED INTERSPINOUS SPACER |
| U.S. Spine, Inc. | 2008/0046084 | 11/842617 | n/a | 8/21/2007 | ANTERIOR CERVICAL SPINE INSTRUMENTATION AND RELATED SURGICAL METHOD |
| U.S. Spine, Inc. | 2008/0288000 | 11/804545 | n/a | 5/18/2007 | Cervical plate locking mechanism and associated surgical method |
| U.S. Spine, Inc. | 2008/0288001 | 11/875072 | n/a | 10/19/2007 | CERVICAL PLATE LOCKING MECHANISM AND ASSOCIATED SURGICAL METHOD |
| U.S. Spine, Inc. | 2008/0234733 | 12/051202 | n/a | 3/19/2008 | VERTEBRAL STABILIZATION DEVICES AND ASSOCIATED SURGICAL METHODS |
| U.S. Spine, Inc. | 2009/0043312 | 12/187064 | n/a | 8/6/2008 | ARTICULATING TRANSFORAMINAL LUMBAR INTERBODY FUSION INSERTER DEVICE AND ASSOCIATED METHOD OF USE |
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REEL: 004922 FRAME: 0604

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3. PATENT LICENSES

1. Development and License Agreement Dated as of April 18 2006 between Roger P. Jackson, M.D. and U.S. Spine, Inc.

2. Joint Development and License Agreement, dated as of February 8, 2010, by and between Ametica Corporation and Orthopaedic Synergy, Inc.

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3. Intellectual Property Agreement, dated as of January 4, 2010 by and between U.S. Spine, Inc. and Mark H. Falahee.

4. Patent Acquisition Agreement, dated July 12, 2012 by and between America Corporation and Dytech Corporation LTD

Cell: A3

Comment: Assigned but not yet recorded with the USPTO.

Cell: A4

Comment: Assigned but not yet recorded with the USPTO.

Cell: A7

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1. REGISTERED COPYRIGHTS

(NONE)

2. COPYRIGHT APPLICATIONS

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3. COPYRIGHT LICENSES

(NONE)

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