

PATENT ASSIGNMENT

Electronic Version v1.1
 Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	SECURITY AGREEMENT

CONVEYING PARTY DATA

Name	Execution Date
ANGIOTECH PHARMACEUTICALS, INC.	02/27/2009
AFMEDICA, INC.	02/27/2009
AMERICAN MEDICAL INSTRUMENTS HOLDINGS, INC.	02/27/2009
ANGIOTECH AMERICA, INC.	02/27/2009
ANGIOTECH BIOCOATINGS CORP.	02/27/2009
ANGIOTECH CAPITAL, LLC	02/27/2009
ANGIOTECH PHARMACEUTICALS (US), INC.	02/27/2009
B.G. SULZLE, INC.	02/27/2009
CRIMSON CARDINAL CAPITAL, LLC	02/27/2009
MANAN MEDICAL PRODUCTS, INC.	02/27/2009
MEDICAL DEVICE TECHNOLOGIES, INC.	02/27/2009
NEUCOLL INC.	02/27/2009
QUILL MEDICAL, INC.	02/27/2009
SURGICAL SPECIALTIES CORPORATION	02/27/2009
0741693 BRITISH COLUMBIA LTD.	02/27/2009
3091796 NOVA SCOTIA COMPANY	02/27/2009
ANGIOTECH INTERNATIONAL HOLDINGS, CORP.	02/27/2009
ANGIOTECH INVESTMENT PARTNERSHIP	02/27/2009

RECEIVING PARTY DATA

Name:	Wells Fargo Foothill, LLC as agent
Street Address:	1100 Abernathy Road, Suite 1600
City:	Atlanta
State/Country:	GEORGIA
Postal Code:	30328

PROPERTY NUMBERS Total: 218

Property Type	Number

500794581

**PATENT
 REEL: 022329 FRAME: 0310**

CH \$8720.00 09772693

Application Number:	09772693
Application Number:	10431701
Application Number:	11084948
Application Number:	09637999
Application Number:	08880512
Application Number:	09386187
Application Number:	11667311
Application Number:	07430340
Application Number:	08791440
Application Number:	09440867
Application Number:	08333616
Application Number:	08965393
Application Number:	09366193
Application Number:	10647119
Application Number:	11790378
Application Number:	09394577
Application Number:	08728805
Application Number:	12162556
Application Number:	12162560
Application Number:	08067253
Application Number:	10662877
Application Number:	09834307
Application Number:	09068862
Application Number:	10971684
Application Number:	08405320
Application Number:	08403360
Application Number:	09578814
Application Number:	09032347
Application Number:	07801732
Application Number:	08537073
Application Number:	07984197
Application Number:	08198128
Application Number:	07985680
Application Number:	07922541
Application Number:	08110577

Application Number:	08146843
Application Number:	08177578
Application Number:	08236769
Application Number:	08287549
Application Number:	08292415
Application Number:	08368874
Application Number:	08427576
Application Number:	08433656
Application Number:	08434725
Application Number:	08434958
Application Number:	08440274
Application Number:	08478510
Application Number:	07327488
Application Number:	10412710
Application Number:	09099126
Application Number:	09436903
Application Number:	10578545
Application Number:	09199139
Application Number:	09596183
Application Number:	09608790
Application Number:	07920412
Application Number:	08101333
Application Number:	08574050
Application Number:	08886957
Application Number:	08274673
Application Number:	11571048
Application Number:	10957493
Application Number:	12194523
Application Number:	11575484
Application Number:	08431950
Application Number:	08278774
Application Number:	09344230
Application Number:	10448246
Application Number:	10997246
Application Number:	07855921

Application Number:	09585887
Application Number:	09289578
Application Number:	09120561
Application Number:	08482173
Application Number:	10741236
Application Number:	08183648
Application Number:	08473465
Application Number:	08485194
Application Number:	09232740
Application Number:	07630299
Application Number:	07753602
Application Number:	08033808
Application Number:	09770987
Application Number:	09557815
Application Number:	09677819
Application Number:	09137854
Application Number:	09557665
Application Number:	08564383
Application Number:	08311507
Application Number:	10978120
Application Number:	10356008
Application Number:	09047715
Application Number:	09132941
Application Number:	10065704
Application Number:	09683282
Application Number:	08669039
Application Number:	09114509
Application Number:	09572418
Application Number:	09076181
Application Number:	29056120
Application Number:	29024405
Application Number:	07440647
Application Number:	10065155
Application Number:	10708710
Application Number:	10708711

Application Number:	07317607
Application Number:	10708712
Application Number:	09170893
Application Number:	10248261
Application Number:	07692007
Application Number:	08099610
Application Number:	09362124
Application Number:	07647758
Application Number:	07275215
Application Number:	07527765
Application Number:	10082443
Application Number:	07629074
Application Number:	09004550
Application Number:	10437144
Application Number:	10556419
Application Number:	10065279
Application Number:	10420119
Application Number:	10065278
Application Number:	11307900
Application Number:	11307901
Application Number:	11968496
Application Number:	10065280
Application Number:	08324529
Application Number:	11747085
Application Number:	11968494
Application Number:	12340530
Application Number:	08055870
Application Number:	12340581
Application Number:	12340609
Application Number:	12043391
Application Number:	09943733
Application Number:	10486123
Application Number:	11691845
Application Number:	11440621
Application Number:	08859887

Application Number:	09919750
Application Number:	10941347
Application Number:	10216516
Application Number:	10914755
Application Number:	12119749
Application Number:	10065256
Application Number:	09896455
Application Number:	11747707
Application Number:	10908539
Application Number:	11440631
Application Number:	10834508
Application Number:	07787799
Application Number:	10942437
Application Number:	61031284
Application Number:	61031259
Application Number:	09925220
Application Number:	08472413
Application Number:	08478203
Application Number:	08478914
Application Number:	09294458
Application Number:	10112921
Application Number:	12098173
Application Number:	11332170
Application Number:	10959349
Application Number:	10959398
Application Number:	11151399
Application Number:	11435742
Application Number:	11435854
Application Number:	11830208
Application Number:	11830240
Application Number:	11830080
Application Number:	11830186
Application Number:	61030850
Application Number:	61047033
Application Number:	61006777

Application Number:	61006773
Application Number:	12363582
Application Number:	61046920
Application Number:	61046954
Application Number:	12263083
Application Number:	61053912
Application Number:	61015489
Application Number:	61015561
Application Number:	61015558
Application Number:	61030423
Application Number:	12262953
Application Number:	11829535
Application Number:	12263119
Application Number:	61031274
Application Number:	61043535
Application Number:	61031579
Application Number:	61045075
Application Number:	61015143
Application Number:	61030396
Application Number:	61015156
Application Number:	61030391
Application Number:	12101885
Application Number:	12062214
Application Number:	12062256
Application Number:	61047682
Application Number:	12266053
Application Number:	12162572
Application Number:	11669097
Application Number:	61031624
Application Number:	12340444
PCT Number:	US0725790
PCT Number:	US0932693
PCT Number:	US0882009
PCT Number:	US0720059
PCT Number:	US0877813

PCT Number:	US0860127
PCT Number:	US0864921
PCT Number:	US0875849
PCT Number:	US0702714
PCT Number:	US0887788
Application Number:	09933652
PCT Number:	US0882700
PCT Number:	CA0702267

CORRESPONDENCE DATA

Fax Number: (212)593-5955
Correspondence will be sent via US Mail when the fax attempt is unsuccessful.
Phone: 2127562552
Email: marisa.kaplan@srz.com
Correspondent Name: Marisa Kaplan, Esq.
Address Line 1: 919 Third Avenue
Address Line 2: 22nd Floor
Address Line 4: New York, NEW YORK 10022

ATTORNEY DOCKET NUMBER:	025983.0159
NAME OF SUBMITTER:	Marisa Kaplan, Esq. (025983.0159)

Total Attachments: 68

source=Patent Security Agreement for Angiotech#page1.tif
source=Patent Security Agreement for Angiotech#page2.tif
source=Patent Security Agreement for Angiotech#page3.tif
source=Patent Security Agreement for Angiotech#page4.tif
source=Patent Security Agreement for Angiotech#page5.tif
source=Patent Security Agreement for Angiotech#page6.tif
source=Patent Security Agreement for Angiotech#page7.tif
source=Patent Security Agreement for Angiotech#page8.tif
source=Patent Security Agreement for Angiotech#page9.tif
source=Patent Security Agreement for Angiotech#page10.tif
source=Patent Security Agreement for Angiotech#page11.tif
source=Patent Security Agreement for Angiotech#page12.tif
source=Patent Security Agreement for Angiotech#page13.tif
source=Patent Security Agreement for Angiotech#page14.tif
source=Patent Security Agreement for Angiotech#page15.tif
source=Patent Security Agreement for Angiotech#page16.tif
source=Patent Security Agreement for Angiotech#page17.tif
source=Patent Security Agreement for Angiotech#page18.tif
source=Patent Security Agreement for Angiotech#page19.tif
source=Patent Security Agreement for Angiotech#page20.tif
source=Patent Security Agreement for Angiotech#page21.tif
source=Patent Security Agreement for Angiotech#page22.tif
source=Patent Security Agreement for Angiotech#page23.tif

PATENT SECURITY AGREEMENT

This PATENT SECURITY AGREEMENT (this "Patent Security Agreement") is made this 27th day of February, 2009, among the Grantors listed on the signature pages hereof (collectively, "Grantors" and each individually "Grantor"), and WELLS FARGO FOOTHILL, LLC, in its capacity as administrative agent for the Lender Group and the Bank Product Providers (together with its successors, "Agent").

WITNESSETH:

WHEREAS, pursuant to that certain Credit Agreement, dated as of February 27, 2009 (as amended, restated, supplemented or otherwise modified from time to time, the "Credit Agreement"), among Angiotech Pharmaceuticals, Inc., a corporation organized under the laws of the Province of British Columbia, Canada, as parent ("Parent"), each Subsidiary of Parent listed on the signature pages thereto as a "Borrower" (each a "Borrower" and collectively, "Borrowers"), the lenders party thereto as "Lenders" ("Lenders"), and Agent, the Lender Group is willing to make certain financial accommodations available to Borrowers pursuant to the terms and conditions thereof; and

WHEREAS, the members of Lender Group are willing to make the financial accommodations to Borrowers as provided for in the Credit Agreement, but only upon the condition, among others, that the Grantors shall have executed and delivered to Agent, for the benefit of the Lender Group and the Bank Product Providers, that certain Security Agreement of even date herewith (including all annexes, exhibits or schedules thereto, as from time to time amended, restated, supplemented or otherwise modified, the "Security Agreement");

WHEREAS, pursuant to the Security Agreement, Grantors are required to execute and deliver to Agent, for the benefit of the Lender Group and the Bank Product Providers, this Patent Security Agreement;

NOW, THEREFORE, in consideration of the premises and mutual covenants herein contained and for other good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, each Grantor hereby agrees as follows:

1. DEFINED TERMS. All capitalized terms used but not otherwise defined herein have the meanings given to them in the Security Agreement or the Credit Agreement.
2. GRANT OF SECURITY INTEREST IN PATENT COLLATERAL. Each Grantor hereby grants to Agent, for the benefit of the Lender Group and the Bank Product Providers, a continuing first priority security interest (subject to Permitted Liens) in all of such Grantor's right, title and interest in, to and under the following, whether presently existing or hereafter created or acquired (collectively, the "Patent Collateral"):
 - (a) all of its Patents and Patent Intellectual Property Licenses to which it is a party, including those patents and applications and material Patent Intellectual Property Licenses under which Grantor is an exclusive licensee referred to on Schedule I hereto;
 - (b) all reissues, continuations or extensions of the foregoing; and
 - (c) all products and proceeds of the foregoing, including any claim by such Grantor against third parties for past, present or future infringement of any Patent or any Patent licensed under any Intellectual Property License.
3. SECURITY FOR OBLIGATIONS. This Patent Security Agreement and the Security Interest created hereby secures the payment and performance of all the Secured Obligations, whether now existing or arising hereafter. Without limiting the generality of the foregoing, this Patent Security Agreement secures the payment of all amounts which constitute part of the Obligations and would be owed by Grantors, or any of

them, to Agent, the Lender Group, the Bank Product Providers or any of them, whether or not they are unenforceable or not allowable due to the existence of an Insolvency Proceeding involving any Grantor.

4. SECURITY AGREEMENT. The security interests granted pursuant to this Patent Security Agreement are granted in conjunction with the security interests granted to Agent, for the benefit of the Lender Group and the Bank Product Providers, pursuant to the Security Agreement. Each Grantor hereby acknowledges and affirms that the rights and remedies of Agent with respect to the security interest in the Patent 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.

5. AUTHORIZATION TO SUPPLEMENT. If any Grantor shall obtain rights to any new patentable inventions or become entitled to the benefit of any patent application or patent for any reissue, division, or continuation, of any patent, the provisions of this Patent Security Agreement shall automatically apply thereto. Grantors shall give prompt notice in writing to Agent with respect to any such new patent rights. Without limiting Grantors' obligations under this Section, Grantors hereby authorize Agent unilaterally to modify this Agreement by amending Schedule I to include any such new patent rights of Grantors. Notwithstanding the foregoing, no failure to so modify this Patent Security Agreement or amend Schedule I shall in any way affect, invalidate or detract from Agent's continuing security interest in all Collateral, whether or not listed on Schedule I.

6. COUNTERPARTS. This Patent Security Agreement may be executed in any number of counterparts, each of which shall be deemed to be an original, but all such separate counterparts shall together constitute but one and the same instrument. In proving this Patent Security Agreement or any other Loan Document in any judicial proceedings, it shall not be necessary to produce or account for more than one such counterpart signed by the party against whom such enforcement is sought. Any signatures delivered by a party by facsimile transmission or by e-mail transmission shall be deemed an original signature hereto.


7. CONSTRUCTION. Unless the context of this Patent Security Agreement or any other Loan Document clearly requires otherwise, references to the plural include the singular, references to the singular include the plural, the terms "includes" and "including" are not limiting, and the term "or" has, except where otherwise indicated, the inclusive meaning represented by the phrase "and/or." The words "hereof," "herein," "hereby," "hereunder," and similar terms in this Patent Security Agreement or any other Loan Document refer to this Patent Security Agreement or such other Loan Document, as the case may be, as a whole and not to any particular provision of this Patent Security Agreement or such other Loan Document, as the case may be. Section, subsection, clause, schedule, and exhibit references herein are to this Patent Security Agreement unless otherwise specified. Any reference in this Patent Security Agreement or in any other Loan Document to any agreement, instrument, or document shall include all alterations, amendments, changes, extensions, modifications, renewals, replacements, substitutions, joinders, and supplements, thereto and thereof, as applicable (subject to any restrictions on such alterations, amendments, changes, extensions, modifications, renewals, replacements, substitutions, joinders, and supplements set forth herein). Any reference herein or in any other Loan Document to the satisfaction or repayment in full of the Obligations shall mean the repayment in full in cash (or cash collateralization in accordance with the terms of the Credit Agreement) of all Obligations other than unasserted contingent indemnification Obligations and other than any Bank Product Obligations that, at such time, are allowed by the applicable Bank Product Providers to remain outstanding and that are not required by the provisions of the Credit Agreement to be repaid or cash collateralized. Any reference herein to any Person shall be construed to include such Person's successors and assigns. Any requirement of a writing contained herein or in any other Loan Document shall be satisfied by the transmission of a Record and any Record so transmitted shall constitute a representation and warranty as to the accuracy and completeness of the information contained therein.

[SIGNATURE PAGE FOLLOWS]

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

ANGIOTECH PHARMACEUTICALS, INC.,
a corporation organized under the laws of the Province of
British Columbia, Canada

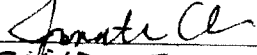
By:
Title:



K. Thomas Bailey
Chief Financial Officer

AFMEDICA, INC.,
a Delaware corporation

By:
Title:



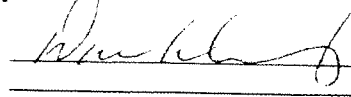
PRESIDENT

Patent Security Agreement

PATENT
REEL: 022329 FRAME: 0322


**AMERICAN MEDICAL INSTRUMENTS HOLDINGS,
INC.,**
a Delaware corporation

By:
Title:



ANGIOTECH AMERICA, INC.,
an Illinois corporation

By:
Title:



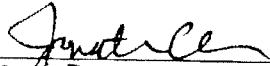
K. Thomas Bailey
Chief Financial Officer

Patent Security Agreement

PATENT
REEL: 022329 FRAME: 0324

ANGIOTECH BIOCOATINGS CORP.,
a New York corporation

By:
Title:

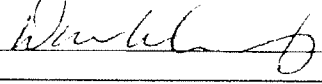

PRESIDENT

Patent Security Agreement

PATENT
REEL: 022329 FRAME: 0325

ANGIOTECH CAPITAL, LLC,
a Nevada limited liability company

By:
Title:



ANGIOTECH PHARMACEUTICALS (US), INC.,
a Washington corporation

By:
Title:



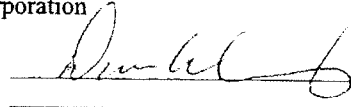
K. Thomas Bailey
Chief Financial Officer

Patent Security Agreement

PATENT
REEL: 022329 FRAME: 0327

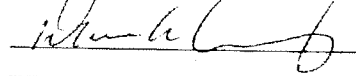
B.G. SULZLE, INC.,
a Delaware corporation

By:
Title:



CRIMSON CARDINAL CAPITAL, LLC,
a Nevada limited liability company

By:
Title:




Patent Security Agreement

PATENT
REEL: 022329 FRAME: 0329

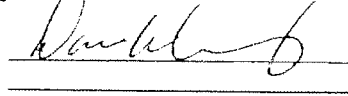
MANAN MEDICAL PRODUCTS, INC.,
a Delaware corporation

By:
Title:



MEDICAL DEVICE TECHNOLOGIES, INC.,
a Delaware corporation

By:
Title:




Patent Security Agreement

PATENT
REEL: 022329 FRAME: 0331

NEUCOLL, INC.,
a Delaware corporation

By:



PRESIDENT

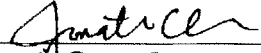
Title:

Patent Security Agreement

PATENT
REEL: 022329 FRAME: 0332

QUILL MEDICAL, INC.,
a Delaware corporation

By:
Title:

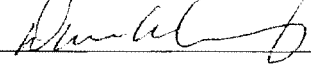

PRESIDENT

Patent Security Agreement

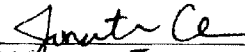
PATENT
REEL: 022329 FRAME: 0333

SURGICAL SPECIALTIES CORPORATION,
a Delaware corporation

By:
Title:



0741693 B.C. LTD.,
a corporation organized under the laws of the Province of
British Columbia, Canada

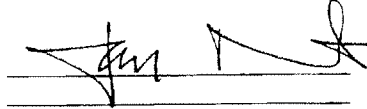
By: 
Title: PRESIDENT

Patent Security Agreement

PATENT
REEL: 022329 FRAME: 0335

3091796 NOVA SCOTIA COMPANY,
a corporation organized under the laws of the Province of Nova
Scotia, Canada

By:
Title:

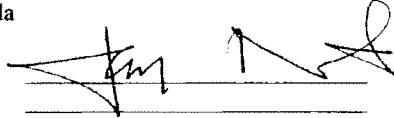
A handwritten signature in black ink, appearing to be "John R. [unclear]", is written over two horizontal lines. The signature is stylized and somewhat cursive.

Patent Security Agreement

PATENT
REEL: 022329 FRAME: 0336

ANGIOTECH INTERNATIONAL HOLDINGS, CORP.,
a corporation organized under the laws of the Province of Nova
Scotia, Canada

By:
Title:



A handwritten signature in black ink, appearing to be 'J. M. ...', is written over two horizontal lines. The signature is stylized and somewhat illegible.

Patent Security Agreement

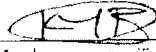
PATENT
REEL: 022329 FRAME: 0337

ANGIOTECH INVESTMENT PARTNERSHIP,
a general partnership organized under the laws of the Province
of British Columbia, Canada

By: its partners

Angiotech Pharmaceuticals, Inc.

By:



Title:

K. Thomas Bailey
Chief Financial Officer

3091796 Nova Scotia Company

By: _____

Title: _____

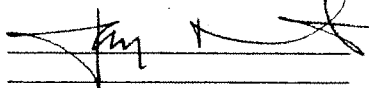
ANGIOTECH INVESTMENT PARTNERSHIP,
a general partnership organized under the laws of the Province
of British Columbia, Canada

By: its partners

Angiotech Pharmaceuticals, Inc.

By: _____
Title: _____

3091796 Nova Scotia Company

By:  _____
Title: _____

ACCEPTED AND ACKNOWLEDGED BY:

WELLS FARGO FOOTHILL, LLC, as Agent

By: C MacDonald
Name: CHIEF: MACDONALD
Title: SVP

SCHEDULE I
TO
PATENT SECURITY AGREEMENT

SCHEDULE I
TO
PATENT SECURITY AGREEMENT
PATENTS AND PATENT APPLICATIONS

Owner	Country	Invt/Title	App No.	Pat. No.	Issue Dt.
Afmedica, Inc.	New Zealand	COMBINATION DRUG THERAPY FOR REDUCING SCAR TISSUE FORMATION	561597		
Afmedica, Inc.	Australia	MEANS AND METHOD FOR THE PREVENTION OF SCAR TISSUE FORMATION	2002224318	2002224318	20-Jan-2006
Afmedica, Inc.	European Patent Convention	MEANS AND METHOD FOR THE PREVENTION OF SCAR TISSUE FORMATION	01992543.7		
Afmedica, Inc.	European Patent Convention	MEANS AND METHOD FOR THE PREVENTION OF SCAR TISSUE FORMATION	04751485.6		
Afmedica, Inc.	Hong Kong	MEANS AND METHOD FOR THE PREVENTION OF SCAR TISSUE FORMATION	04103366.6		
Afmedica, Inc.	Hong Kong	MEANS AND METHOD FOR THE PREVENTION OF SCAR TISSUE FORMATION	06107433.4		
Afmedica, Inc.	South Korea	MEANS AND METHOD FOR THE PREVENTION OF SCAR TISSUE FORMATION	10-205-7021050	10-0783837	3-Dec-2007
Afmedica, Inc.	USA	MEANS AND METHOD FOR THE PREVENTION OF SCAR TISSUE FORMATION	09/772693	6534693	18-Mar-2003
Afmedica, Inc.	USA	MEANS AND METHOD FOR THE PREVENTION OF SCAR TISSUE FORMATION	10/431701		
Afmedica, Inc.	USA	MEANS AND METHOD FOR THE PREVENTION OF SCAR TISSUE FORMATION	11/084948		
Afmedica, Inc.	USA	RADIOISOTOPE BANDAGE FOR REDUCING SCAR TISSUE FORMATION	09/637999	6350226	26-Feb-2002
Angiotech BioCoatings Corp.	France	ADHERENT, FLEXIBLE HYDROGEL AND MEDICATED COATINGS	98931477.8	1003571	15-Jun-2005
Angiotech BioCoatings Corp.	Germany	ADHERENT, FLEXIBLE HYDROGEL AND MEDICATED COATINGS	98931477.8	1003571	15-Jun-2005

Owner	Country	Inventor	App No.	Pat. No.	Issue Dt.
Angiotech BioCoatings Corp.	Italy	ADHERENT, FLEXIBLE HYDROGEL AND MEDICATED COATINGS	98931477.8	1003571	15-Jun-2005
Angiotech BioCoatings Corp.	United Kingdom	ADHERENT, FLEXIBLE HYDROGEL AND MEDICATED COATINGS	98931477.8	1003571	15-Jun-2005
Angiotech BioCoatings Corp.	USA	ADHERENT, FLEXIBLE HYDROGEL AND MEDICATED COATINGS	08/880512	6110483	29-Aug-2000
Angiotech BioCoatings Corp.	France	ANTI-INFECTIVE COVERING FOR PERCUTANEOUS AND VASCULAR ACCESS DEVICES AND COATING METHOD	00952528.8	1211935	28-Dec-2005
Angiotech BioCoatings Corp.	Germany	ANTI-INFECTIVE COVERING FOR PERCUTANEOUS AND VASCULAR ACCESS DEVICES AND COATING METHOD	00952528.8	1211935	28-Dec-2005
Angiotech BioCoatings Corp.	United Kingdom	ANTI-INFECTIVE COVERING FOR PERCUTANEOUS AND VASCULAR ACCESS DEVICES AND COATING METHOD	00952528.8	1211935	28-Dec-2005
Angiotech BioCoatings Corp.	USA	ANTI-INFECTIVE COVERING FOR PERCUTANEOUS AND VASCULAR ACCESS DEVICES AND COATING METHOD	09/386187	6368611	9-Apr-2002
Angiotech BioCoatings Corp.	Canada	ANTIMICROBIAL NEEDLE COATING FOR EXTENDED INFUSION	2586927		
Angiotech BioCoatings Corp.	European Patent Convention	ANTIMICROBIAL NEEDLE COATING FOR EXTENDED INFUSION	05851448.0		
Angiotech BioCoatings Corp.	Hong Kong	ANTIMICROBIAL NEEDLE COATING FOR EXTENDED INFUSION	08100559.5		
Angiotech BioCoatings Corp.	USA	ANTIMICROBIAL NEEDLE COATING FOR EXTENDED INFUSION	11/667311		
Angiotech BioCoatings Corp.	Ireland	ANTI-THROMBOGENIC AND/OR ANTI-MICROBIAL COMPOSITION	1473/91	83173	15-Jul-1998
Angiotech BioCoatings Corp.	Italy	ANTI-THROMBOGENIC AND/OR ANTI-MICROBIAL COMPOSITION	91909862.4	0626854	15-Jul-1998
Angiotech BioCoatings Corp.	France	ANTI-THROMBOGENIC, AND/OR ANTI-MICROBIAL COMPOSITION	90312021.0	0426486	22-Jan-1997
Angiotech BioCoatings Corp.	France	ANTI-THROMBOGENIC, AND/OR ANTI-MICROBIAL COMPOSITION	91909862.4	0626854	15-Jul-1998
Angiotech BioCoatings Corp.	Germany	ANTI-THROMBOGENIC, AND/OR ANTI-MICROBIAL COMPOSITION	90312021.0	0426486	22-Jan-1997

PATENT SECURITY AGREEMENT

Owner	Country	Inv Title	App No.	Pat No.	Issue Dt.
Angiotech BioCoatings Corp.	Germany	ANTI-THROMBOGENIC, AND/OR ANTI-MICROBIAL COMPOSITION	91909862.4	0626854	15-Jul-1998
Angiotech BioCoatings Corp.	Italy	ANTI-THROMBOGENIC, AND/OR ANTI-MICROBIAL COMPOSITION	90312021.0	0426486	22-Jan-1997
Angiotech BioCoatings Corp.	Spain	ANTI-THROMBOGENIC, AND/OR ANTI-MICROBIAL COMPOSITION	90312021.0	0426486	22-Jan-1997
Angiotech BioCoatings Corp.	United Kingdom	ANTI-THROMBOGENIC, AND/OR ANTI-MICROBIAL COMPOSITION	90312021.0	0426486	22-Jan-1997
Angiotech BioCoatings Corp.	United Kingdom	ANTI-THROMBOGENIC, AND/OR ANTI-MICROBIAL COMPOSITION	91909862.4	0626854	15-Jul-1998
Angiotech BioCoatings Corp.	Spain	ANTI-THROMBOGENIC, ANTI-MICROBIAL COMPOSITIONS CONTAINING HEPARIN	91909862.4	0626854	15-Jul-1998
Angiotech BioCoatings Corp.	USA	ANTI-THROMBOGENIC, ANTI-MICROBIAL COMPOSITIONS CONTAINING HEPARIN	07/430340	5069899	3-Dec-1991
Angiotech BioCoatings Corp.	France	BONDING LAYERS FOR MEDICAL DEVICE SURFACE COATINGS	98903753.6	0971753	19-Oct-2005
Angiotech BioCoatings Corp.	Germany	BONDING LAYERS FOR MEDICAL DEVICE SURFACE COATINGS	98903753.6	0971753	19-Oct-2005
Angiotech BioCoatings Corp.	Ireland	BONDING LAYERS FOR MEDICAL DEVICE SURFACE COATINGS	98903753.6	0971753	19-Oct-2005
Angiotech BioCoatings Corp.	Italy	BONDING LAYERS FOR MEDICAL DEVICE SURFACE COATINGS	98903753.6	0971753	19-Oct-2005
Angiotech BioCoatings Corp.	Japan	BONDING LAYERS FOR MEDICAL DEVICE SURFACE COATINGS	2205609		
Angiotech BioCoatings Corp.	Netherlands	BONDING LAYERS FOR MEDICAL DEVICE SURFACE COATINGS	98903753.6	0971753	19-Oct-2005
Angiotech BioCoatings Corp.	United Kingdom	BONDING LAYERS FOR MEDICAL DEVICE SURFACE COATINGS	98903753.6	0971753	19-Oct-2005
Angiotech BioCoatings Corp.	USA	BONDING LAYERS FOR MEDICAL DEVICE SURFACE COATINGS	08/791440	5997517	7-Dec-1999
Angiotech BioCoatings Corp.	USA	BONDING LAYERS FOR MEDICAL DEVICE SURFACE COATINGS	09/440867	6306176	23-Oct-2001
Angiotech BioCoatings Corp.	Patent Cooperation Treaty	COATED MEDICAL DEVICES WITH ADHESION PROMOTERS	PCT/US2007/025790		
Angiotech BioCoatings Corp.	USA	COATING COMPOSITIONS COMPRISING PHARMACEUTICAL AGENTS	08/333616	5525348	11-Jun-1996

PATENT SECURITY AGREEMENT

Owner	Country	Inventor	App No	Pat No.	Issue Dt.
Angiotech BioCoatings Corp.	USA	ECHOGENIC COATINGS	08/965393	6106473	22-Aug-2000
Angiotech BioCoatings Corp.	USA	ECHOGENIC COATINGS	09/366193	6610016	26-Aug-2003
Angiotech BioCoatings Corp.	France	ECHOGENIC COATINGS CONTAINING GASEOUS SPACES FOR ULTRASONOGRAPHY	97946248.8	0941128	13-Oct-2004
Angiotech BioCoatings Corp.	Germany	ECHOGENIC COATINGS CONTAINING GASEOUS SPACES FOR ULTRASONOGRAPHY	97946248.8	0941128	6-Nov-1997
Angiotech BioCoatings Corp.	Ireland	ECHOGENIC COATINGS CONTAINING GASEOUS SPACES FOR ULTRASONOGRAPHY	97946248.8	0941128	13-Oct-2004
Angiotech BioCoatings Corp.	Israel	ECHOGENIC COATINGS CONTAINING GASEOUS SPACES FOR ULTRASONOGRAPHY	129518	129518	29-Jun-2004
Angiotech BioCoatings Corp.	Netherlands	ECHOGENIC COATINGS CONTAINING GASEOUS SPACES FOR ULTRASONOGRAPHY	97946248.8	0941128	6-Nov-1997
Angiotech BioCoatings Corp.	Russian Federation	ECHOGENIC COATINGS CONTAINING GASEOUS SPACES FOR ULTRASONOGRAPHY	99112126	2222350	10-Jan-2004
Angiotech BioCoatings Corp.	Switzerland	ECHOGENIC COATINGS CONTAINING GASEOUS SPACES FOR ULTRASONOGRAPHY	97946248.8	0941128	13-Oct-2004
Angiotech BioCoatings Corp.	United Kingdom	ECHOGENIC COATINGS CONTAINING GASEOUS SPACES FOR ULTRASONOGRAPHY	97946248.8	0941128	13-Oct-2004
Angiotech BioCoatings Corp.	Canada	ECHOGENIC COATINGS WITH OVERCOAT	2536947		
Angiotech BioCoatings Corp.	European Patent Convention	ECHOGENIC COATINGS WITH OVERCOAT	04782027.9		
Angiotech BioCoatings Corp.	Hong Kong	ECHOGENIC COATINGS WITH OVERCOAT	06113356.5		
Angiotech BioCoatings Corp.	Japan	ECHOGENIC COATINGS WITH OVERCOAT	2006-524796		
Angiotech BioCoatings Corp.	USA	ECHOGENIC COATINGS WITH OVERCOAT	10/647119	7229413	12-Jun-2007
Angiotech BioCoatings Corp.	USA	ECHOGENIC COATINGS WITH OVERCOAT	11/790378		
Angiotech BioCoatings Corp.	USA	GRAFT POLYMERIZATION OF SUBSTRATE SURFACES	09/394577	6358557	19-Mar-2002
Angiotech BioCoatings Corp.	China (Peoples Republic)	HYDROPHILIC COATINGS WITH HYDRATING AGENTS	97198685.1	97198685.1	26-Sep-2003
Angiotech BioCoatings Corp.	USA	HYDROPHILIC COATINGS WITH HYDRATING AGENTS	08/728805	5800412	1-Sep-1998

PATENT SECURITY AGREEMENT

Owner	Country	Inv Title	App No.	Pat No.	Issue Dt.
Angiotech BioCoatings Corp.	European Patent Convention	LUBRIFICIOUS COATINGS	07762677.8		
Angiotech BioCoatings Corp.	USA	LUBRIFICIOUS COATINGS	12/162556		
Angiotech BioCoatings Corp.	European Patent Convention	LUBRIFICIOUS ECHOGENIC COATINGS	07763030.9		
Angiotech BioCoatings Corp.	USA	LUBRIFICIOUS ECHOGENIC COATINGS	12/162560		
Angiotech BioCoatings Corp.	Denmark	LUBRIFICIOUS HYDROPHILIC COATING, RESISTANT TO WET ABRASION	91903994.1	0570370	17-Jun-1998
Angiotech BioCoatings Corp.	France	LUBRIFICIOUS HYDROPHILIC COATING, RESISTANT TO WET ABRASION	91903994.1	0570370	17-Jun-1998
Angiotech BioCoatings Corp.	Germany	LUBRIFICIOUS HYDROPHILIC COATING, RESISTANT TO WET ABRASION	91903994.1	0570370	17-Jun-1998
Angiotech BioCoatings Corp.	Italy	LUBRIFICIOUS HYDROPHILIC COATING, RESISTANT TO WET ABRASION	91903994.1	0570370	17-Jun-1998
Angiotech BioCoatings Corp.	Japan	LUBRIFICIOUS HYDROPHILIC COATING, RESISTANT TO WET ABRASION	2000-200105	3340992	16-Aug-2002
Angiotech BioCoatings Corp.	Japan	LUBRIFICIOUS HYDROPHILIC COATING, RESISTANT TO WET ABRASION	3-504148	3-115590	29-Sep-2000
Angiotech BioCoatings Corp.	Spain	LUBRIFICIOUS HYDROPHILIC COATING, RESISTANT TO WET ABRASION	91903994.1	0570370	17-Jun-1998
Angiotech BioCoatings Corp.	United Kingdom	LUBRIFICIOUS HYDROPHILIC COATING, RESISTANT TO WET ABRASION	91903994.1	0570370	17-Jun-1998
Angiotech BioCoatings Corp.	USA	LUBRIFICIOUS HYDROPHILIC COATING, RESISTANT TO WET ABRASION	08/067253	5331027	19-Jul-1994
Angiotech BioCoatings Corp.	Canada	MEDICATED STENT HAVING MULTI-LAYER POLYMER COATING	2538669		
Angiotech BioCoatings Corp.	European Patent Convention	MEDICATED STENT HAVING MULTI-LAYER POLYMER COATING	02721439.4		
Angiotech BioCoatings Corp.	European Patent Convention	MEDICATED STENT HAVING MULTI-LAYER POLYMER COATING	04784270.3		
Angiotech BioCoatings Corp.	Hong Kong	MEDICATED STENT HAVING MULTI-LAYER POLYMER COATING	04106591.6		

PATENT SECURITY AGREEMENT

Owner	Country	Inventor	App. No.	Pat. No.	Issue Dt.
Angiotech BioCoatings Corp.	Hong Kong	MEDICATED STENT HAVING MULTI-LAYER POLYMER COATING	061111595		
Angiotech BioCoatings Corp.	Japan	MEDICATED STENT HAVING MULTI-LAYER POLYMER COATING	2002-572908		
Angiotech BioCoatings Corp.	Japan	MEDICATED STENT HAVING MULTI-LAYER POLYMER COATING	2006-527022		
Angiotech BioCoatings Corp.	USA	MEDICATED STENT HAVING MULTI-LAYER POLYMER COATING	10/662877		
Angiotech BioCoatings Corp.	USA	TARGETED THERAPEUTIC AGENT RELEASE DEVICES AND METHODS OF MAKING AND USING THE SAME	09/834307		
Angiotech BioCoatings Corp.	France	WIRE FOR MEDICAL USE	96938559.0	0874647	4-Nov-1998
Angiotech BioCoatings Corp.	Germany	WIRE FOR MEDICAL USE	96938559.0	0874647	4-Nov-1998
Angiotech BioCoatings Corp.	Italy	WIRE FOR MEDICAL USE	96938559.0	0874647	4-Nov-1998
Angiotech BioCoatings Corp.	Spain	WIRE FOR MEDICAL USE	96938559.0	0874647	4-Nov-1998
Angiotech BioCoatings Corp.	United Kingdom	WIRE FOR MEDICAL USE	96938559.0	0874647	4-Nov-1998
Angiotech BioCoatings Corp.	USA	WIRE FOR MEDICAL USE COATED WITH POLYETHER SULFONE AND A COPOLYMER	09/068862	6086547	11-Jul-2000
Angiotech Pharmaceuticals (US) Inc.	USA	ADHESIVE TISSUE REPAIR PATCH	10/971684		
Angiotech Pharmaceuticals (US) Inc.	Japan	AFFINITY BOUND COLLAGEN MATRICES FOR THE DELIVERY OF BIOLOGICALLY ACTIVE AGENTS	8-61531		
Angiotech Pharmaceuticals (US) Inc.	USA	AFFINITY BOUND COLLAGEN MATRICES FOR THE DELIVERY OF BIOLOGICALLY ACTIVE AGENTS	08/405320	5693341	2-Dec-1997
Angiotech Pharmaceuticals (US) Inc.	Canada	ANTI-ADHESION FILMS AND COMPOSITIONS FOR MEDICAL USE	2165740	2165740	3-Aug-2004
Angiotech Pharmaceuticals (US) Inc.	France	ANTI-ADHESION FILMS AND COMPOSITIONS FOR MEDICAL USE	96102339.7	0732110	24-Oct-2001
Angiotech Pharmaceuticals (US) Inc.	Germany	ANTI-ADHESION FILMS AND COMPOSITIONS FOR MEDICAL USE	96102339.7	0732110	24-Oct-2001
Angiotech Pharmaceuticals (US) Inc.	Japan	ANTI-ADHESION FILMS AND COMPOSITIONS FOR MEDICAL USE	8-58139	4027445	19-Oct-2007

PATENT SECURITY AGREEMENT

Owner	Country	Inventor	App. No.	Pat. No.	Issue D.
Angiotech Pharmaceuticals (US) Inc.	Japan	ANTI-ADHESION FILMS AND COMPOSITIONS FOR MEDICAL USE	2004-37522		
Angiotech Pharmaceuticals (US) Inc.	United Kingdom	ANTI-ADHESION FILMS AND COMPOSITIONS FOR MEDICAL USE	96102339.7	0732110	24-Oct-2001
Angiotech Pharmaceuticals (US) Inc.	USA	ANTI-ADHESION FILMS AND COMPOSITIONS FOR MEDICAL USE	08/403360	5580923	3-Dec-1996
Angiotech Pharmaceuticals (US) Inc.	USA	APPARATUSES, METHODS AND COMPOSITIONS FOR CLOSING TISSUE PUNCTURE OPENINGS	09/578814	6482179	19-Nov-2002
Angiotech Pharmaceuticals (US) Inc.	Canada	CELL SEPARATION DEVICE AND IN-LINE ORIFICE MIXER SYSTEM	2321763	2321763	8-Jan-2008
Angiotech Pharmaceuticals (US) Inc.	France	CELL SEPARATION DEVICE AND IN-LINE ORIFICE MIXER SYSTEM	99908449.4	1056490	14-Jun-2006
Angiotech Pharmaceuticals (US) Inc.	Germany	CELL SEPARATION DEVICE AND IN-LINE ORIFICE MIXER SYSTEM	99908499.4	1056490	14-Jun-2006
Angiotech Pharmaceuticals (US) Inc.	Italy	CELL SEPARATION DEVICE AND IN-LINE ORIFICE MIXER SYSTEM	99908449.4	1056490	14-Jun-2006
Angiotech Pharmaceuticals (US) Inc.	United Kingdom	CELL SEPARATION DEVICE AND IN-LINE ORIFICE MIXER SYSTEM	99908449.4	1056490	14-Jun-2006
Angiotech Pharmaceuticals (US) Inc.	USA	CELL SEPARATION DEVICE AND IN-LINE ORIFICE MIXER SYSTEM	09/032347	6123687	26-Sep-2000
Angiotech Pharmaceuticals (US) Inc.	Japan	CELL SEPARATION DEVICE AND METERING SYRINGE	2000-533161	4132007	6-Jun-2008
Angiotech Pharmaceuticals (US) Inc.	USA	COLLAGEN WOUND HEALING MATRICES AND PROCESS FOR THEIR PRODUCTION	07/801732	5219576	15-Jun-1993
Angiotech Pharmaceuticals (US) Inc.	Australia	COLLAGEN-BASED INJECTABLE DRUG DELIVERY SYSTEM AND ITS USE	10295/95	701743	20-May-1999
Angiotech Pharmaceuticals (US) Inc.	Canada	COLLAGEN-BASED INJECTABLE DRUG DELIVERY SYSTEM AND ITS USE	2140053	2140053	4-Apr-2000
Angiotech Pharmaceuticals (US) Inc.	France	COLLAGEN-BASED INJECTABLE DRUG DELIVERY SYSTEM AND ITS USE	95101589.0	0671165	11-Apr-2001
Angiotech Pharmaceuticals (US) Inc.	Germany	COLLAGEN-BASED INJECTABLE DRUG DELIVERY SYSTEM AND ITS USE	95101589.0	0671165	11-Apr-2001
Angiotech Pharmaceuticals (US) Inc.	United Kingdom	COLLAGEN-BASED INJECTABLE DRUG DELIVERY SYSTEM AND ITS USE	95101589.0	0671165	11-Apr-2001
Angiotech Pharmaceuticals (US) Inc.	USA	COLLAGEN-BASED INJECTABLE DRUG DELIVERY SYSTEM AND ITS USE	08/537073	5807581	15-Sep-1998
Angiotech Pharmaceuticals (US) Inc.	France	COLLAGEN-POLYMER CONJUGATES	95103895.9	0680990	18-Oct-

PATENT SECURITY AGREEMENT

Owner	Country	Inventor	App. No.	Pat. No.	Issue Dt.
Angiotech Pharmaceuticals (US) Inc.	Germany	COLLAGEN-POLYMER CONJUGATES	95103895.9	0680990	2000
Angiotech Pharmaceuticals (US) Inc.	Japan	COLLAGEN-POLYMER CONJUGATES	200679819	4213723	18-Oct-2000
Angiotech Pharmaceuticals (US) Inc.	Japan	COLLAGEN-POLYMER CONJUGATES	2005209324		7-Nov-2008
Angiotech Pharmaceuticals (US) Inc.	Japan	COLLAGEN-POLYMER CONJUGATES	2007-338229		
Angiotech Pharmaceuticals (US) Inc.	United Kingdom	COLLAGEN-POLYMER CONJUGATES	95103895.9	0680990	18-Oct-2000
Angiotech Pharmaceuticals (US) Inc.	USA	COLLAGEN-POLYMER CONJUGATES	07/984197	5308889	3-May-1994
Angiotech Pharmaceuticals (US) Inc.	USA	COLLAGEN-POLYMER CONJUGATES	08/198128	5413791	9-May-1995
Angiotech Pharmaceuticals (US) Inc.	USA	COLLAGEN-POLYMER CONJUGATES	07/985680	5292802	8-Mar-1994
Angiotech Pharmaceuticals (US) Inc.	USA	COLLAGEN-POLYMER CONJUGATES	07/922541	5328955	12-Jul-1994
Angiotech Pharmaceuticals (US) Inc.	USA	COLLAGEN-POLYMER CONJUGATES	08/110577	5306500	26-Apr-1994
Angiotech Pharmaceuticals (US) Inc.	USA	COLLAGEN-POLYMER CONJUGATES	08/146843	5510418	23-Apr-1996
Angiotech Pharmaceuticals (US) Inc.	USA	COLLAGEN-POLYMER CONJUGATES	08/177578	5376375	27-Dec-1994
Angiotech Pharmaceuticals (US) Inc.	USA	COLLAGEN-POLYMER CONJUGATES	08/236769	5475052	12-Dec-1995
Angiotech Pharmaceuticals (US) Inc.	USA	COLLAGEN-POLYMER CONJUGATES	08/287549	5550187	27-Aug-1996
Angiotech Pharmaceuticals (US) Inc.	USA	COLLAGEN-POLYMER CONJUGATES	08/292415	5523348	4-Jun-1996
Angiotech Pharmaceuticals (US) Inc.	USA	COLLAGEN-POLYMER CONJUGATES	08/368874	5446091	29-Aug-1995
Angiotech Pharmaceuticals (US) Inc.	USA	COLLAGEN-POLYMER CONJUGATES	08/427576	5543441	6-Aug-1996
Angiotech Pharmaceuticals (US) Inc.	USA	COLLAGEN-POLYMER CONJUGATES	08/433656	5470911	28-Nov-1995
Angiotech Pharmaceuticals (US) Inc.	USA	COLLAGEN-POLYMER CONJUGATES	08/434725	5476666	19-Dec-1995
Angiotech Pharmaceuticals (US) Inc.	USA	COLLAGEN-POLYMER CONJUGATES	08/434958	5510121	23-Apr-1996
Angiotech Pharmaceuticals (US) Inc.	USA	COLLAGEN-POLYMER CONJUGATES	08/440274	5527856	18-Jun-1996
Angiotech Pharmaceuticals (US) Inc.	USA	COLLAGEN-POLYMER CONJUGATES	08/478510	5550188	27-Aug-1996

PATENT SECURITY AGREEMENT

Owner	Country	Inv Title	App No.	Pat No.	Issue Dt.
Angiotech Pharmaceuticals (US) Inc.	Australia	COLLAGEN-SYNTHETIC POLYMER MATRICES PREPARED USING A MULTIPLE STEP REACTION	15075/95	698233	29-Oct-1998
Angiotech Pharmaceuticals (US) Inc.	USA	COMPOSITION AND METHOD FOR TREATMENT OF DERMAL INFLAMMATION	07/327488	4959205	25-Sep-1990
Angiotech Pharmaceuticals (US) Inc.	USA	COMPOSITIONS AND METHODS OF USING A TRANSIENT COLORANT	10/412710	7273896	25-Sep-2007
Angiotech Pharmaceuticals (US) Inc.	Canada	COMPOSITIONS CONTAINING THROMBIN AND MICROFIBRILLAR COLLAGEN	2295247		
Angiotech Pharmaceuticals (US) Inc.	European Patent Convention	COMPOSITIONS CONTAINING THROMBIN AND MICROFIBRILLAR COLLAGEN; AND METHODS FOR PREPARATION AND USE THEREOF	98930365.6		
Angiotech Pharmaceuticals (US) Inc.	Japan	COMPOSITIONS CONTAINING THROMBIN AND MICROFIBRILLAR COLLAGEN; AND METHODS FOR PREPARATION AND USE THEREOF	11-504791		
Angiotech Pharmaceuticals (US) Inc.	USA	COMPOSITIONS CONTAINING THROMBIN AND MICROFIBRILLAR COLLAGEN; AND METHODS FOR PREPARATION AND USE THEREOF	09/099126	6096309	1-Aug-2000
Angiotech Pharmaceuticals (US) Inc.	USA	COMPOSITIONS CONTAINING THROMBIN AND MICROFIBRILLAR COLLAGEN; AND METHODS FOR PREPARATION AND USE THEREOF	09/436903	6280727	28-Aug-2001
Angiotech Pharmaceuticals (US) Inc.	USA	DEVICE AND METHOD FOR MIXING AND DISPENSING FLUID COMPONENTS OF A MULTICOMPONENT COMPOSITION	10/578545		
Angiotech Pharmaceuticals (US) Inc.	Austria	DIFFERENTIALLY BIODEGRADABLE BIOMEDICAL IMPLANTS	95935719.5	0784490	18-Aug-2004
Angiotech Pharmaceuticals (US) Inc.	Canada	DIFFERENTIALLY BIODEGRADABLE BIOMEDICAL IMPLANTS	2201526		
Angiotech Pharmaceuticals (US) Inc.	European Patent Convention	DIFFERENTIALLY BIODEGRADABLE BIOMEDICAL IMPLANTS	95935719.5	0784490	18-Aug-2004
Angiotech Pharmaceuticals (US) Inc.	France	DIFFERENTIALLY BIODEGRADABLE BIOMEDICAL IMPLANTS	95935719.5	0784490	18-Aug-2004
Angiotech Pharmaceuticals (US) Inc.	Germany	DIFFERENTIALLY BIODEGRADABLE BIOMEDICAL IMPLANTS	95935719.5	0784490	18-Aug-2004
Angiotech Pharmaceuticals (US) Inc.	Japan	DIFFERENTIALLY BIODEGRADABLE BIOMEDICAL IMPLANTS	2005-376651		

PATENT SECURITY AGREEMENT

Owner	Country	Inv Title	App No.	Pat No.	Issue Dt.
Angiotech Pharmaceuticals (US) Inc.	Japan	DIFFERENTIALLY BIODEGRADABLE BIOMEDICAL IMPLANTS	8-512130		
Angiotech Pharmaceuticals (US) Inc.	United Kingdom	DIFFERENTIALLY BIODEGRADABLE BIOMEDICAL IMPLANTS	95935719.5	0784490	18-Aug-2004
Angiotech Pharmaceuticals (US) Inc.	USA	DIFFERENTIALLY BIODEGRADABLE BIOMEDICAL IMPLANTS	09/199139	6110484	29-Aug-2000
Angiotech Pharmaceuticals (US) Inc.	USA	DIFFERENTIALLY BIODEGRADABLE BIOMEDICAL IMPLANTS	09/596183	6277394	21-Aug-2001
Angiotech Pharmaceuticals (US) Inc.	USA	ECARIN PROTHROMBIN PROTEASE AND METHODS	09/608790	6413737	2-Jul-2002
Angiotech Pharmaceuticals (US) Inc.	Canada	GAMMA IRRADIATION OF COLLAGEN/MINERAL MIXTURES	616394	1320451	20-Jul-1993
Angiotech Pharmaceuticals (US) Inc.	USA	INJECTABLE CERAMIC COMPOSITIONS AND METHODS FOR THEIR PREPARATION AND USE	07/920412	5204382	20-Apr-1993
Angiotech Pharmaceuticals (US) Inc.	USA	INJECTABLE CERAMIC COMPOSITIONS AND METHODS FOR THEIR PREPARATION AND USE	08/101333	5352715	4-Oct-1994
Angiotech Pharmaceuticals (US) Inc.	Australia	INJECTABLE OR IMPLANTABLE BIOMATERIALS FOR FILLING OR BLOCKING LUMENS AND VOIDS OF THE BODY	13473/97	708320	11-Nov-1999
Angiotech Pharmaceuticals (US) Inc.	European Patent Convention	INJECTABLE OR IMPLANTABLE BIOMATERIALS FOR FILLING OR BLOCKING LUMENS AND VOIDS OF THE BODY	96945006.3	0876166	18-Aug-2004
Angiotech Pharmaceuticals (US) Inc.	France	INJECTABLE OR IMPLANTABLE BIOMATERIALS FOR FILLING OR BLOCKING LUMENS AND VOIDS OF THE BODY	96945006.3	0876166	18-Aug-2004
Angiotech Pharmaceuticals (US) Inc.	Germany	INJECTABLE OR IMPLANTABLE BIOMATERIALS FOR FILLING OR BLOCKING LUMENS AND VOIDS OF THE BODY	96945006.3	0876166	18-Aug-2004
Angiotech Pharmaceuticals (US) Inc.	Italy	INJECTABLE OR IMPLANTABLE BIOMATERIALS FOR FILLING OR BLOCKING LUMENS AND VOIDS OF THE BODY	96945006.3	0876166	18-Aug-2004
Angiotech Pharmaceuticals (US) Inc.	Japan	INJECTABLE OR IMPLANTABLE BIOMATERIALS FOR FILLING OR BLOCKING LUMENS AND VOIDS OF THE BODY	2005-211983		
Angiotech Pharmaceuticals (US) Inc.	Netherlands	INJECTABLE OR IMPLANTABLE BIOMATERIALS FOR FILLING OR BLOCKING LUMENS AND VOIDS OF THE BODY	96945006.3	0876166	18-Aug-2004

PATENT SECURITY AGREEMENT

Owner	Country	Inventor	App No.	Pat. No.	Issue Dt.
Angiotech Pharmaceuticals (US) Inc.	Spain	INJECTABLE OR IMPLANTABLE BIOMATERIALS FOR FILLING OR BLOCKING LUMENS AND VOIDS OF THE BODY	96945006.3	0876166	18-Aug-2004
Angiotech Pharmaceuticals (US) Inc.	United Kingdom	INJECTABLE OR IMPLANTABLE BIOMATERIALS FOR FILLING OR BLOCKING LUMENS AND VOIDS OF THE BODY	96945006.3	0876166	18-Aug-2004
Angiotech Pharmaceuticals (US) Inc.	USA	INJECTABLE OR IMPLANTABLE BIOMATERIALS FOR FILLING OR BLOCKING LUMENS AND VOIDS OF THE BODY	08/574050	5752974	19-May-1998
Angiotech Pharmaceuticals (US) Inc.	Japan	METHOD FOR IMPROVING IMPLANT FIXATION	1256922	2746290	13-Feb-1998
Angiotech Pharmaceuticals (US) Inc.	Canada	METHOD FOR STERILE SYRINGE PACKAGING AND HANDLING	2295733	2295733	25-Sep-2007
Angiotech Pharmaceuticals (US) Inc.	Canada	METHOD FOR STERILE SYRINGE PACKAGING AND HANDLING	2592477		
Angiotech Pharmaceuticals (US) Inc.	France	METHOD FOR STERILE SYRINGE PACKAGING AND HANDLING	98935516.9	1014866	14-Dec-2005
Angiotech Pharmaceuticals (US) Inc.	Germany	METHOD FOR STERILE SYRINGE PACKAGING AND HANDLING	98935516.9	1014866	14-Dec-2005
Angiotech Pharmaceuticals (US) Inc.	Italy	METHOD FOR STERILE SYRINGE PACKAGING AND HANDLING	98935516.9	1014866	14-Dec-2005
Angiotech Pharmaceuticals (US) Inc.	Japan	METHOD FOR STERILE SYRINGE PACKAGING AND HANDLING	2000-500844		
Angiotech Pharmaceuticals (US) Inc.	United Kingdom	METHOD FOR STERILE SYRINGE PACKAGING AND HANDLING	98935516.9	1014866	14-Dec-2005
Angiotech Pharmaceuticals (US) Inc.	USA	METHOD FOR STERILE SYRINGE PACKAGING AND HANDLING	08/886957	5997811	7-Dec-1999
Angiotech Pharmaceuticals (US) Inc.	USA	METHOD OF CONTROLLING STRUCTURE STABILITY OF COLLAGEN FIBERS PRODUCED FROM SOLUTIONS OR DISPERSIONS TREATED WITH SODIUM HYDROXIDE FOR INFECTIOUS AGENT DEACTIVATION	08/274673	5616689	1-Apr-1997
Angiotech Pharmaceuticals (US) Inc.	USA	METHODS AND MATERIALS FOR CROSSLINKED POLYMER COMPOSITIONS FOR CARTILAGE REPAIR	11/571048		

PATENT SECURITY AGREEMENT

Owner	Country	Inventor	App No.	Pat. No.	Issue Dt.
Angiotech Pharmaceuticals (US) Inc.	European Patent Convention	MIXING AND DISPENSING FLUID COMPONENTS OF A MULTICOMPONENT COMPOSITION	05814903.0		
Angiotech Pharmaceuticals (US) Inc.	USA	MIXING AND DISPENSING FLUID COMPONENTS OF A MULTICOMPONENT COMPOSITION	10/957493		
Angiotech Pharmaceuticals (US) Inc.	USA	MIXING AND DISPENSING FLUID COMPONENTS OF A MULTICOMPONENT COMPOSITION	12/194523		
Angiotech Pharmaceuticals (US) Inc.	Canada	MULTIFUNCTIONAL COMPOUNDS FOR FORMING CROSSLINKED BIOMATERIALS AND METHODS OF PREPARATION AND USE	2581093		
Angiotech Pharmaceuticals (US) Inc.	European Patent Convention	MULTIFUNCTIONAL COMPOUNDS FOR FORMING CROSSLINKED BIOMATERIALS AND METHODS OF PREPARATION AND USE	05810486.0		
Angiotech Pharmaceuticals (US) Inc.	USA	MULTIFUNCTIONAL COMPOUNDS FOR FORMING CROSSLINKED BIOMATERIALS AND METHODS OF PREPARATION AND USE	11/575484		
Angiotech Pharmaceuticals (US) Inc.	USA	PRION INACTIVATION IN CONNECTIVE TISSUE MATERIALS	08/431950	5756678	26-May-1998
Angiotech Pharmaceuticals (US) Inc.	USA	PROCESSES FOR PRODUCING COLLAGEN MATRIXES AND METHODS OF USING SAME	07/630299	5110604	5-May-1992
Angiotech Pharmaceuticals (US) Inc.	United Kingdom	PRODUCTION OF HUMAN RECOMBINANT COLLAGEN IN THE MILK OF TRANSGENIC ANIMALS	95108307.0	0699752	24-Sep-2003
Angiotech Pharmaceuticals (US) Inc.	USA	PRODUCTION OF HUMAN RECOMBINANT COLLAGEN IN THE MILK OF TRANSGENIC ANIMALS	08/278774	6653450	25-Nov-2003
Angiotech Pharmaceuticals (US) Inc.	Japan	USE OF HYDROPHOBIC CROSSLINKING AGENTS TO PREPARE CROSSLINKED BIOMATERIAL COMPOSITIONS	2007-328038		
Angiotech Pharmaceuticals (US) Inc.	Japan	USE OF HYDROPHOBIC CROSSLINKING AGENTS TO PREPARE CROSSLINKED BIOMATERIAL COMPOSITIONS	8-58138		
Angiotech Pharmaceuticals (US) Inc.	Japan	USE OF HYDROPHOBIC CROSSLINKING AGENTS TO PREPARE CROSSLINKED BIOMATERIAL COMPOSITIONS	2006-66762		

PATENT SECURITY AGREEMENT

Owner	Country	Invt Title	App No.	Pat No.	Issue Dt.
Angiotech Pharmaceuticals (US) Inc.	USA	USE OF HYDROPHOBIC CROSSLINKING AGENTS TO PREPARE CROSSLINKED BIOMATERIAL COMPOSITIONS	09/344230	6962979	8-Nov-2005
Angiotech Pharmaceuticals (US) Inc.	USA	USE OF HYDROPHOBIC CROSSLINKING AGENTS TO PREPARE CROSSLINKED BIOMATERIAL COMPOSITIONS	10/448246	7129209	31-Oct-2006
Angiotech Pharmaceuticals (US) Inc.	USA	USE OF HYDROPHOBIC CROSSLINKING AGENTS TO PREPARE CROSSLINKED BIOMATERIAL COMPOSITIONS	10/997246		
Angiotech Pharmaceuticals (US) Inc./Chiron Corporation	USA	SURGICAL ADHESIVE MATERIAL	07/855921	5290552	1-Mar-1994
Angiotech Pharmaceuticals (US) Inc./Genotypes, Inc.	USA	NOVEL METHODS FOR THE PRODUCTION OF FULL-LENGTH TRIPLE HELICAL COLLAGEN IN RECOMBINANT CELLS	09/585887	6413742	2-Jul-2002
Angiotech Pharmaceuticals (US) Inc./Genotypes, Inc.	USA	NOVEL METHODS FOR THE PRODUCTION OF GELATIN AND FULL-LENGTH TRIPLE HELICAL COLLAGEN IN RECOMBINANT CELLS	09/289578	6428978	6-Aug-2002
Angiotech Pharmaceuticals (US) Inc./Genotypes, Inc.	USA	PRODUCTION OF RECOMBINANT PROCOLLAGEN IN YEAST	09/120561	6472171	29-Oct-2002
Angiotech Pharmaceuticals (US) Inc./Pharming B.V.	Australia	PRODUCTION OF COLLAGEN IN THE MILK OF TRANSGENIC MAMMALS	3204795	708511	18-Nov-1997
Angiotech Pharmaceuticals (US) Inc./Pharming B.V.	Canada	PRODUCTION OF COLLAGEN IN THE MILK OF TRANSGENIC MAMMALS	2195970		
Angiotech Pharmaceuticals (US) Inc./Pharming B.V.	European Patent Convention	PRODUCTION OF COLLAGEN IN THE MILK OF TRANSGENIC MAMMALS	95928194.0	0772404	20-Aug-2008
Angiotech Pharmaceuticals (US) Inc./Pharming B.V.	Japan	PRODUCTION OF COLLAGEN IN THE MILK OF TRANSGENIC MAMMALS	8-505986		
Angiotech Pharmaceuticals (US) Inc./Pharming B.V.	New Zealand	PRODUCTION OF COLLAGEN IN THE MILK OF TRANSGENIC MAMMALS	291042	291042	9-Apr-1999
Angiotech Pharmaceuticals (US) Inc./Pharming B.V.	USA	PRODUCTION OF COLLAGEN IN THE MILK OF TRANSGENIC MAMMALS	08/482173	6713662	30-Mar-2004
Angiotech Pharmaceuticals (US) Inc./Pharming B.V.	USA	PRODUCTION OF COLLAGEN IN THE MILK OF TRANSGENIC MAMMALS	10/741236		
Angiotech Pharmaceuticals (US) Inc./Pharming B.V.	USA	PRODUCTION OF HUMAN RECOMBINANT COLLAGEN IN THE MILK OF TRANSGENIC ANIMALS	08/183648	5667839	16-Sep-1997

PATENT SECURITY AGREEMENT

Owner	Country	Inv Title	App No.	Pat No.	Issue Dt.
Angiotech Pharmaceuticals (US) Inc./Pharming B.V.	USA	PRODUCTION OF HUMAN RECOMBINANT COLLAGEN IN THE MILK OF TRANSGENIC ANIMALS	08/473465	5962648	5-Oct-1999
Angiotech Pharmaceuticals (US) Inc./Pharming B.V.	USA	PRODUCTION OF HUMAN RECOMBINANT COLLAGEN IN THE MILK OF TRANSGENIC ANIMALS	08/485194	5895833	20-Apr-1999
Angiotech Pharmaceuticals (US) Inc./Pharming B.V.	USA	PRODUCTION OF HUMAN RECOMBINANT COLLAGEN IN THE MILK OF TRANSGENIC ANIMALS	09/232740	6111165	29-Aug-2000
Angiotech Pharmaceuticals (US), Inc.	USA	COLLAGEN WOUND HEALING MATRICES AND PROCESS FOR THEIR PRODUCTION	07/630299	5110604	5-May-92
Manan Medical Products, Inc.	France	AUTOMATIC TISSUE SAMPLING APPARATUS	92307836.4	0536888	2-May-1997
Manan Medical Products, Inc.	Germany	AUTOMATIC TISSUE SAMPLING APPARATUS	92307836.4	0536888	2-May-1997
Manan Medical Products, Inc.	Italy	AUTOMATIC TISSUE SAMPLING APPARATUS	92307836.4	0536888	2-May-1997
Manan Medical Products, Inc.	Japan	AUTOMATIC TISSUE SAMPLING APPARATUS	253621/1992	3055049	14-Apr-2000
Manan Medical Products, Inc.	United Kingdom	AUTOMATIC TISSUE SAMPLING APPARATUS	92307836.4	0536888	2-May-1997
Manan Medical Products, Inc.	USA	AUTOMATIC TISSUE SAMPLING APPARATUS	07/753602	5284156	8-Feb-1994
Manan Medical Products, Inc.	USA	AUTOMATIC TISSUE SAMPLING APPARATUS (Embodiment II)	08/033808	5476101	19-Dec-1995
Manan Medical Products, Inc.	USA	BIOPSY DEVICE WITH REMOVABLE HANDLE	09/770987	6554778	29-Apr-2003
Manan Medical Products, Inc.	USA	BONE MARROW BIOPSY DEVICE	09/557815	6302852	16-Oct-2001
Manan Medical Products, Inc.	USA	BONE MARROW BIOPSY DEVICE	09/677819	6312394	6-Nov-2001
Manan Medical Products, Inc.	USA	BONE MARROW BIOPSY NEEDLE	09/137854	6063037	16-May-2000
Manan Medical Products, Inc.	USA	DRAINAGE CATHETER AND METHOD FOR FORMING SAME	09/557665	6673060	6-Jan-2004
Manan Medical Products, Inc.	USA	DRAINAGE CATHETER APPARATUS	08/564383	5730724	24-Mar-1998
Manan Medical Products, Inc.	France	FORWARD-FIRED AUTOMATIC TISSUE SAMPLING APPARATUS	95935069.5	0782410	12-Feb-2003

PATENT SECURITY AGREEMENT

Owner	Country	Inventor	App. No.	Pat. No.	Issue Dt.
Manan Medical Products, Inc.	Germany	FORWARD-FIRED AUTOMATIC TISSUE SAMPLING APPARATUS	95935069.5	0782410	12-Feb-2003
Manan Medical Products, Inc.	Italy	FORWARD-FIRED AUTOMATIC TISSUE SAMPLING APPARATUS	95935069.5	0782410	12-Feb-2003
Manan Medical Products, Inc.	Spain	FORWARD-FIRED AUTOMATIC TISSUE SAMPLING APPARATUS	95935069.5	0782410	12-Feb-2003
Manan Medical Products, Inc.	United Kingdom	FORWARD-FIRED AUTOMATIC TISSUE SAMPLING APPARATUS	95935069.5	0782410	12-Feb-2003
Manan Medical Products, Inc.	USA	FORWARD-FIRED AUTOMATIC TISSUE SAMPLING APPARATUS	08/311507	5507298	16-Apr-1996
Manan Medical Products, Inc.	France	FORWARD-FIRED AUTOMATIC TISSUE SAMPLING APPARATUS WITH SAFETY LOCK	05256500.9	1649814	13-Aug-2008
Manan Medical Products, Inc.	Germany	FORWARD-FIRED AUTOMATIC TISSUE SAMPLING APPARATUS WITH SAFETY LOCK	05256500.9	1649814	13-Aug-2008
Manan Medical Products, Inc.	United Kingdom	FORWARD-FIRED AUTOMATIC TISSUE SAMPLING APPARATUS WITH SAFETY LOCK	05256500.9	1649814	13-Aug-2008
Manan Medical Products, Inc.	USA	FORWARD-FIRED AUTOMATIC TISSUE SAMPLING APPARATUS WITH SAFETY LOCK	10/978120	7329227	12-Feb-2008
Manan Medical Products, Inc.	USA	INTEGRATED BIOPSY NEEDLE ASSEMBLY	10/356008	7063672	20-Jun-2006
Manan Medical Products, Inc.	USA	ISOTOPE SEEDING SYSTEM THAT RELEASES RADIOACTIVE SEEDS FOR TREATMENT OF CANCEROUS CELLS	09/047715	6095967	1-Aug-2000
Medical Device Technologies, Inc.	USA	AUTOMATED BIOPSY NEEDLE HANDLE	09/132941	6083176	4-Jul-2000
Medical Device Technologies, Inc.	Canada	BIOABSORBABLE MARKER HAVING EXTERNAL ANCHORING MEANS	2503742		
Medical Device Technologies, Inc.	European Patent Convention	BIOABSORBABLE MARKER HAVING EXTERNAL ANCHORING MEANS	03776401.6		
Medical Device Technologies, Inc.	USA	BIOABSORBABLE MARKER HAVING EXTERNAL ANCHORING MEANS	10/065704	6994712	7-Feb-2006
Medical Device Technologies, Inc.	Canada	BIOABSORBABLE SEALANT	2469001		
Medical Device Technologies, Inc.	Japan	BIOABSORBABLE SEALANT	2003-550651		
Medical Device Technologies, Inc.	USA	BIOABSORBABLE SEALANT	09/683282	6592608	15-Jul-2003
Medical Device Technologies, Inc.	European Patent Convention	BIOPSY INSTRUMENT WITH HANDLE AND NEEDLE SET	97916055.3		

PATENT SECURITY AGREEMENT

Owner	Country	Invt Title	App No.	Pat. No.	Issue Dt.
Medical Device Technologies, Inc.	Japan	BIOPSY INSTRUMENT WITH HANDLE AND NEEDLE SET	10-502921	3880628	17-Nov-2006
Medical Device Technologies, Inc.	USA	BIOPSY INSTRUMENT WITH HANDLE AND NEEDLE SET	08/669039	5752923	19-May-1998
Medical Device Technologies, Inc.	Austria	BIOPSY NEEDLE AND SURGICAL INSTRUMENT	99973727.3	1135065	12-Jun-2006
Medical Device Technologies, Inc.	Belgium	BIOPSY NEEDLE AND SURGICAL INSTRUMENT	99973727.3	1135065	12-Jun-2006
Medical Device Technologies, Inc.	Denmark	BIOPSY NEEDLE AND SURGICAL INSTRUMENT	99973727.3	1135065	12-Jun-2006
Medical Device Technologies, Inc.	Finland	BIOPSY NEEDLE AND SURGICAL INSTRUMENT	99973727.3	1135065	12-Jun-2006
Medical Device Technologies, Inc.	France	BIOPSY NEEDLE AND SURGICAL INSTRUMENT	99973727.3	1135065	12-Jun-2006
Medical Device Technologies, Inc.	Germany	BIOPSY NEEDLE AND SURGICAL INSTRUMENT	99973727.3	1135065	12-Jun-2006
Medical Device Technologies, Inc.	Ireland	BIOPSY NEEDLE AND SURGICAL INSTRUMENT	99973727.3	1135065	12-Jun-2006
Medical Device Technologies, Inc.	Italy	BIOPSY NEEDLE AND SURGICAL INSTRUMENT	99973727.3	1135065	12-Jun-2006
Medical Device Technologies, Inc.	Japan	BIOPSY NEEDLE AND SURGICAL INSTRUMENT	2000-608946		
Medical Device Technologies, Inc.	Netherlands	BIOPSY NEEDLE AND SURGICAL INSTRUMENT	99973727.3	1135065	12-Jun-2006
Medical Device Technologies, Inc.	Portugal	BIOPSY NEEDLE AND SURGICAL INSTRUMENT	99973727.3	1135065	12-Jun-2006
Medical Device Technologies, Inc.	Romania	BIOPSY NEEDLE AND SURGICAL INSTRUMENT	99973727.3	1135065	12-Jun-2006
Medical Device Technologies, Inc.	Spain	BIOPSY NEEDLE AND SURGICAL INSTRUMENT	99973727.3	1135065	12-Jun-2006
Medical Device Technologies, Inc.	Sweden	BIOPSY NEEDLE AND SURGICAL INSTRUMENT	99973727.3	1135065	12-Jun-2006
Medical Device Technologies, Inc.	Switzerland	BIOPSY NEEDLE AND SURGICAL INSTRUMENT	99973727.3	1135065	12-Jun-2006
Medical Device Technologies, Inc.	United Kingdom	BIOPSY NEEDLE AND SURGICAL INSTRUMENT	99973727.3	1135065	12-Jun-2006
Medical Device Technologies, Inc.	USA	BIOPSY NEEDLE AND SURGICAL INSTRUMENT	09/114509	6110129	29-Aug-2000
Medical Device Technologies, Inc.	USA	BIOPSY NEEDLE AND SURGICAL INSTRUMENT	09/572418	6328701	11-Dec-2001
Medical Device Technologies, Inc.	Canada	BIOPSY NEEDLE HANDLE	2331450		

Owner	Country	Inv Title	App No.	Pat No.	Issue Dt.
Medical Device Technologies, Inc.	European Patent Convention	BIOPSY NEEDLE HANDLE	99920424.1		
Medical Device Technologies, Inc.	Japan	BIOPSY NEEDLE HANDLE	2000-547904		
Medical Device Technologies, Inc.	USA	BIOPSY NEEDLE HANDLE	09/076181	6283925	4-Sep-2001
Medical Device Technologies, Inc.	USA	BIOPSY NEEDLE SET	29/056120	D403405	29-Dec-1998
Medical Device Technologies, Inc.	USA	COMBINED BIOPSY STYLET AND BIOPSY CANNULA	29/024405	D369858	14-May-1996
Medical Device Technologies, Inc.	USA	DISPOSABLE SOFT TISSUE BIOPSY APPARATUS	07/440647	5036860	6-Aug-1991
Medical Device Technologies, Inc.	Canada	DUAL ACTION ASPIRATION BIOPSY NEEDLE	2499993		
Medical Device Technologies, Inc.	European Patent Convention	DUAL ACTION BIOPSY NEEDLE	03749737.7		
Medical Device Technologies, Inc.	USA	DUAL ACTION BIOPSY NEEDLE	10/065155	6709408	23-Mar-2004
Medical Device Technologies, Inc.	USA	DUAL ACTION BIOPSY NEEDLE	10/708710	6872185	29-Mar-2005
Medical Device Technologies, Inc.	USA	DUAL ACTION BIOPSY NEEDLE	10/708711	6908440	21-Jun-2005
Medical Device Technologies, Inc.	Austria	LOCALISATION NEEDLE ASSEMBLY WITH REINFORCED NEEDLE ASSEMBLY	90301511.3	0385604	18-Oct-1995
Medical Device Technologies, Inc.	Belgium	LOCALISATION NEEDLE ASSEMBLY WITH REINFORCED NEEDLE ASSEMBLY	90301511.3	0385604	18-Oct-1995
Medical Device Technologies, Inc.	Denmark	LOCALISATION NEEDLE ASSEMBLY WITH REINFORCED NEEDLE ASSEMBLY	90301511.3	0385604	18-Oct-1995
Medical Device Technologies, Inc.	France	LOCALISATION NEEDLE ASSEMBLY WITH REINFORCED NEEDLE ASSEMBLY	90301511.3	0385604	18-Oct-1995
Medical Device Technologies, Inc.	Germany	LOCALISATION NEEDLE ASSEMBLY WITH REINFORCED NEEDLE ASSEMBLY	90301511.3	0385604	18-Oct-1995
Medical Device Technologies, Inc.	Japan	LOCALISATION NEEDLE ASSEMBLY WITH REINFORCED NEEDLE ASSEMBLY	2-21890	3080962	23-Jun-2001
Medical Device Technologies, Inc.	Luxembourg	LOCALISATION NEEDLE ASSEMBLY WITH REINFORCED NEEDLE ASSEMBLY	90301511.3	0385604	18-Oct-1995
Medical Device Technologies, Inc.	Netherlands	LOCALISATION NEEDLE ASSEMBLY WITH REINFORCED NEEDLE ASSEMBLY	90301511.3	0385604	18-Oct-1995

Owner	Country	Inv Title	App No	Pat No	Issue D.
Medical Device Technologies, Inc.	Spain	LOCALISATION NEEDLE ASSEMBLY WITH REINFORCED NEEDLE ASSEMBLY	90301511.3	0385604	18-Oct-1995
Medical Device Technologies, Inc.	Sweden	LOCALISATION NEEDLE ASSEMBLY WITH REINFORCED NEEDLE ASSEMBLY	90301511.3	0385604	18-Oct-1995
Medical Device Technologies, Inc.	Switzerland	LOCALISATION NEEDLE ASSEMBLY WITH REINFORCED NEEDLE ASSEMBLY	90301511.3	0385604	18-Oct-1995
Medical Device Technologies, Inc.	United Kingdom	LOCALISATION NEEDLE ASSEMBLY WITH REINFORCED NEEDLE ASSEMBLY	90301511.3	0385604	18-Oct-1995
Medical Device Technologies, Inc.	USA	LOCALISATION NEEDLE ASSEMBLY WITH REINFORCED NEEDLE ASSEMBLY	07/317607	4986279	22-Jan-1991
Medical Device Technologies, Inc.	Canada	LOCALIZATION NEEDLE ASSEMBLY	1328210	1328210	5-Apr-1994
Medical Device Technologies, Inc.	USA	METHOD FOR SCRAPING CELLULAR MATERIAL FROM TISSUE	10/708712	6890309	10-May-2005
Medical Device Technologies, Inc.	Canada	REUSABLE AUTOMATED BIOPSY NEEDLE HANDLE	2331444		
Medical Device Technologies, Inc.	European Patent Convention	REUSABLE AUTOMATED BIOPSY NEEDLE HANDLE	99922951.1		
Medical Device Technologies, Inc.	Japan	REUSABLE AUTOMATED BIOPSY NEEDLE HANDLE	2000-547918		
Medical Device Technologies, Inc.	USA	REUSABLE AUTOMATED BIOPSY NEEDLE HANDLE	09/170893	6106484	22-Aug-2000
Medical Device Technologies, Inc.	Canada	SEALANT PLUG DELIVERY METHODS	2507950		
Medical Device Technologies, Inc.	European Patent Convention	SEALANT PLUG DELIVERY METHODS	03783721.8		
Medical Device Technologies, Inc.	USA	SEALANT PLUG DELIVERY METHODS	10/248261	6790185	14-Sep-2004
Medical Device Technologies, Inc.	USA	SPACER CLIP FOR USE WITH BIOPSY NEEDLES	07/692007	5092870	3-Mar-1992
NeuColl, Inc.	USA	CALCIUM PHOSPHATE/APELOPEPTIDE COLLAGEN COMPOSITIONS FOR BONE REPAIR	08/099610	5425770	20-Jun-1995
NeuColl, Inc.	USA	DEVICES FOR TISSUE REPAIR AND METHODS FOR PREPARATION AND USE THEREOF	09/362124	6280474	28-Aug-2001
NeuColl, Inc.	USA	GAMMA IRRADIATION OF COLLAGEN/MINERAL MIXTURES	07/647758	5123925	23-Jun-1992
NeuColl, Inc.	USA	IMPLANT FIXATION	07/275215	5108436	28-Apr-1992

PATENT SECURITY AGREEMENT

Owner	Country	Inventor	App. No.	Pat. No.	Issue Dt.
NeuColl, Inc.	USA	METHOD FOR IMPROVING IMPLANT FIXATION	07/527765	5258029	2-Nov-1993
NeuColl, Inc.	USA	METHODS AND COMPOSITIONS FOR IMPROVED ARTICULAR SURGERY USING COLLAGEN	10/082443	7119062	10-Oct-2006
NeuColl, Inc.	USA	XENOGENEIC COLLAGEN/MINERAL PREPARATIONS IN BONE REPAIR	07/629074	5246457	21-Sep-1993
NeuColl, Inc./Innovasive Devices, Inc.	USA	DEVICES FOR TISSUE REPAIR AND METHODS FOR PREPARATION AND USE THEREOF	09/004550	6083522	4-Jul-2000
Quill Medical, Inc.	Australia	APPARATUS FOR FORMING BARBS ON A SUTURE	2004238371		
Quill Medical, Inc.	Canada	APPARATUS FOR FORMING BARBS ON A SUTURE	2525579		
Quill Medical, Inc.	European Patent Convention	APPARATUS FOR FORMING BARBS ON A SUTURE	04752088.7		
Quill Medical, Inc.	USA	APPARATUS FOR FORMING BARBS ON A SUTURE	10/437144		
Quill Medical, Inc.	USA	APPARATUS FOR FORMING BARBS ON A SUTURE	10/556419		
Quill Medical, Inc.	Australia	BARB CONFIGURATIONS FOR BARBED SUTURES	2003272764		
Quill Medical, Inc.	Austria	BARB CONFIGURATIONS FOR BARBED SUTURES	03754965.6	1555946	12-Sep-2007
Quill Medical, Inc.	Belgium	BARB CONFIGURATIONS FOR BARBED SUTURES	03754965.6	1555946	12-Sep-2007
Quill Medical, Inc.	Brazil	BARB CONFIGURATIONS FOR BARBED SUTURES	PI 0306509-0		
Quill Medical, Inc.	Canada	BARB CONFIGURATIONS FOR BARBED SUTURES	2500394		
Quill Medical, Inc.	China (Peoples Republic)	BARB CONFIGURATIONS FOR BARBED SUTURES	3825272.4		
Quill Medical, Inc.	Costa Rica	BARB CONFIGURATIONS FOR BARBED SUTURES	7774		
Quill Medical, Inc.	Denmark	BARB CONFIGURATIONS FOR BARBED SUTURES	03754965.6	1555946	12-Sep-2007
Quill Medical, Inc.	European Patent Convention	BARB CONFIGURATIONS FOR BARBED SUTURES	07017663.1		
Quill Medical, Inc.	Finland	BARB CONFIGURATIONS FOR BARBED SUTURES	03754965.6	1555946	12-Sep-2007
Quill Medical, Inc.	France	BARB CONFIGURATIONS FOR BARBED SUTURES	03754965.6	1555946	12-Sep-2007
Quill Medical, Inc.	Germany	BARB CONFIGURATIONS FOR BARBED SUTURES	03754965.6	1555946	12-Sep-2007
Quill Medical, Inc.	Hong Kong	BARB CONFIGURATIONS FOR BARBED SUTURES	06101370.2	HK1081419	12-Sep-2007

PATENT SECURITY AGREEMENT

Owner	Country	Inventor	App. No.	Pat. No.	Issue Dt.
Quill Medical, Inc.	Hong Kong	BARB CONFIGURATIONS FOR BARBED SUTURES	08106671.5		
Quill Medical, Inc.	India	BARB CONFIGURATIONS FOR BARBED SUTURES	1011/DELNP/2005		
Quill Medical, Inc.	India	BARB CONFIGURATIONS FOR BARBED SUTURES	10122/DELNP/2007		
Quill Medical, Inc.	Ireland	BARB CONFIGURATIONS FOR BARBED SUTURES	03754965.6	1555946	12-Sep-2007
Quill Medical, Inc.	Israel	BARB CONFIGURATIONS FOR BARBED SUTURES	167424		
Quill Medical, Inc.	Italy	BARB CONFIGURATIONS FOR BARBED SUTURES	03754965.6	1555946	12-Sep-2007
Quill Medical, Inc.	Japan	BARB CONFIGURATIONS FOR BARBED SUTURES	2004-541827		
Quill Medical, Inc.	Netherlands	BARB CONFIGURATIONS FOR BARBED SUTURES	03754965.6	1555946	12-Sep-2007
Quill Medical, Inc.	New Zealand	BARB CONFIGURATIONS FOR BARBED SUTURES	553411		
Quill Medical, Inc.	New Zealand	BARB CONFIGURATIONS FOR BARBED SUTURES	553412		
Quill Medical, Inc.	New Zealand	BARB CONFIGURATIONS FOR BARBED SUTURES	553413		
Quill Medical, Inc.	New Zealand	BARB CONFIGURATIONS FOR BARBED SUTURES	553414		
Quill Medical, Inc.	New Zealand	BARB CONFIGURATIONS FOR BARBED SUTURES	553415		
Quill Medical, Inc.	New Zealand	BARB CONFIGURATIONS FOR BARBED SUTURES	553416		
Quill Medical, Inc.	New Zealand	BARB CONFIGURATIONS FOR BARBED SUTURES	538748	538748	3-Apr-2008
Quill Medical, Inc.	Russian Federation	BARB CONFIGURATIONS FOR BARBED SUTURES	2005113296		
Quill Medical, Inc.	Singapore	BARB CONFIGURATIONS FOR BARBED SUTURES	200501942-7	110933	29-Jun-2007
Quill Medical, Inc.	Singapore	BARB CONFIGURATIONS FOR BARBED SUTURES	200702350-0		
Quill Medical, Inc.	South Korea	BARB CONFIGURATIONS FOR BARBED SUTURES	2005-7005523		
Quill Medical, Inc.	Spain	BARB CONFIGURATIONS FOR BARBED SUTURES	03754965.6	1555946	12-Sep-2007
Quill Medical, Inc.	Sweden	BARB CONFIGURATIONS FOR BARBED SUTURES	03754965.6	1555946	12-Sep-2007
Quill Medical, Inc.	Switzerland	BARB CONFIGURATIONS FOR BARBED SUTURES	03754965.6	1555946	12-Sep-2007
Quill Medical, Inc.	Turkey	BARB CONFIGURATIONS FOR BARBED SUTURES	03752630.8	1555946	12-Sep-2007
Quill Medical, Inc.	United Kingdom	BARB CONFIGURATIONS FOR BARBED SUTURES	03754965.6	1555946	12-Sep-2007

PATENT SECURITY AGREEMENT

Owner	Country	Inventor	App No	Pat. No.	Issue Dt.
Quill Medical, Inc.	USA	BARB CONFIGURATIONS FOR BARBED SUTURES	10/065279		
Quill Medical, Inc.	USA	BARBED BODILY TISSUE CONNECTOR	10/420119	7226468	5-Jun-2007
Quill Medical, Inc.	Australia	BARBED SUTURE IN COMBINATION WITH SURGICAL NEEDLE	2003279048		
Quill Medical, Inc.	Austria	BARBED SUTURE IN COMBINATION WITH SURGICAL NEEDLE	03770556.3	1559266	15-Aug-2007
Quill Medical, Inc.	Belgium	BARBED SUTURE IN COMBINATION WITH SURGICAL NEEDLE	03770556.3	1559266	15-Aug-2007
Quill Medical, Inc.	Brazil	BARBED SUTURE IN COMBINATION WITH SURGICAL NEEDLE	PI 0306510-3		
Quill Medical, Inc.	Canada	BARBED SUTURE IN COMBINATION WITH SURGICAL NEEDLE	2500404		
Quill Medical, Inc.	China (Peoples Republic)	BARBED SUTURE IN COMBINATION WITH SURGICAL NEEDLE	3825271.6		
Quill Medical, Inc.	Costa Rica	BARBED SUTURE IN COMBINATION WITH SURGICAL NEEDLE	7775		
Quill Medical, Inc.	Denmark	BARBED SUTURE IN COMBINATION WITH SURGICAL NEEDLE	03770556.3	1559266	15-Aug-2007
Quill Medical, Inc.	European Patent Convention	BARBED SUTURE IN COMBINATION WITH SURGICAL NEEDLE	07015906.6		
Quill Medical, Inc.	Finland	BARBED SUTURE IN COMBINATION WITH SURGICAL NEEDLE	03770556.3	1559266	15-Aug-2007
Quill Medical, Inc.	France	BARBED SUTURE IN COMBINATION WITH SURGICAL NEEDLE	03770556.3	1559266	15-Aug-2007
Quill Medical, Inc.	Germany	BARBED SUTURE IN COMBINATION WITH SURGICAL NEEDLE	03770556.3	1559266	15-Aug-2007
Quill Medical, Inc.	Hong Kong	BARBED SUTURE IN COMBINATION WITH SURGICAL NEEDLE	06101371.1	HK1081772	15-Aug-2007
Quill Medical, Inc.	Hong Kong	BARBED SUTURE IN COMBINATION WITH SURGICAL NEEDLE	08105319.5		
Quill Medical, Inc.	India	BARBED SUTURE IN COMBINATION WITH SURGICAL NEEDLE	1009/DELNP/2005		
Quill Medical, Inc.	India	BARBED SUTURE IN COMBINATION WITH SURGICAL NEEDLE	9901/DELNP/2007		

PATENT SECURITY AGREEMENT

Owner	Country	Inventor	App No.	Pat. No.	Issue Dt.
Quill Medical, Inc.	Ireland	BARBED SUTURE IN COMBINATION WITH SURGICAL NEEDLE	03770556.3	1559266	15-Aug-2007
Quill Medical, Inc.	Israel	BARBED SUTURE IN COMBINATION WITH SURGICAL NEEDLE	167394		
Quill Medical, Inc.	Italy	BARBED SUTURE IN COMBINATION WITH SURGICAL NEEDLE	03770556.3	1559266	15-Aug-2007
Quill Medical, Inc.	Japan	BARBED SUTURE IN COMBINATION WITH SURGICAL NEEDLE	2004-541829		
Quill Medical, Inc.	Mexico	BARBED SUTURE IN COMBINATION WITH SURGICAL NEEDLE	PA/a/2005/002877	257015	9-May-2008
Quill Medical, Inc.	Mexico	BARBED SUTURE IN COMBINATION WITH SURGICAL NEEDLE	MX/a/2008/002335		
Quill Medical, Inc.	Netherlands	BARBED SUTURE IN COMBINATION WITH SURGICAL NEEDLE	03770556.3	1559266	15-Aug-2007
Quill Medical, Inc.	New Zealand	BARBED SUTURE IN COMBINATION WITH SURGICAL NEEDLE	538747	538747	13-Dec-2007
Quill Medical, Inc.	Russian Federation	BARBED SUTURE IN COMBINATION WITH SURGICAL NEEDLE	2005113295		
Quill Medical, Inc.	Singapore	BARBED SUTURE IN COMBINATION WITH SURGICAL NEEDLE	200501961-7	110940	31-Jul-2007
Quill Medical, Inc.	Singapore	BARBED SUTURE IN COMBINATION WITH SURGICAL NEEDLE	200703688.2		
Quill Medical, Inc.	South Korea	BARBED SUTURE IN COMBINATION WITH SURGICAL NEEDLE	2005-7005522		
Quill Medical, Inc.	Spain	BARBED SUTURE IN COMBINATION WITH SURGICAL NEEDLE	03770556.3	1559266	15-Aug-2007
Quill Medical, Inc.	Sweden	BARBED SUTURE IN COMBINATION WITH SURGICAL NEEDLE	03770556.3	1559266	15-Aug-2007
Quill Medical, Inc.	Switzerland	BARBED SUTURE IN COMBINATION WITH SURGICAL NEEDLE	03770556.3	1559266	15-Aug-2007
Quill Medical, Inc.	Turkey	BARBED SUTURE IN COMBINATION WITH SURGICAL NEEDLE	03770556.3	1559266	15-Aug-2007
Quill Medical, Inc.	United Kingdom	BARBED SUTURE IN COMBINATION WITH SURGICAL NEEDLE	03770556.3	1559266	15-Aug-2007
Quill Medical, Inc.	USA	BARBED SUTURE IN COMBINATION WITH SURGICAL NEEDLE	10/065278		

PATENT SECURITY AGREEMENT

Owner	Country	Inventor	App. No.	Pat. No.	Issue Dt.
Quill Medical, Inc.	USA	BARBED SUTURE IN COMBINATION WITH SURGICAL NEEDLE	11/307900		
Quill Medical, Inc.	USA	BARBED SUTURE IN COMBINATION WITH SURGICAL NEEDLE	11/307901		
Quill Medical, Inc.	Australia	BARBED SUTURES	2003270916		
Quill Medical, Inc.	Austria	BARBED SUTURES	03752630.8	1560683	15-Aug-2007
Quill Medical, Inc.	Belgium	BARBED SUTURES	03752630.8	1560683	15-Aug-2007
Quill Medical, Inc.	Brazil	BARBED SUTURES	PI 0306508-1		
Quill Medical, Inc.	Canada	BARBED SUTURES	2500381		
Quill Medical, Inc.	China (Peoples Republic)	BARBED SUTURES	3825269.4		
Quill Medical, Inc.	Costa Rica	BARBED SUTURES	7772		
Quill Medical, Inc.	European Patent Convention	BARBED SUTURES	07015905.8		
Quill Medical, Inc.	France	BARBED SUTURES	03752630.8	1560683	15-Aug-2007
Quill Medical, Inc.	Germany	BARBED SUTURES	03752630.8	1560683	15-Aug-2007
Quill Medical, Inc.	Hong Kong	BARBED SUTURES	06101372	HK 1081484	15-Aug-2007
Quill Medical, Inc.	Hong Kong	BARBED SUTURES	08102179.1		
Quill Medical, Inc.	Hong Kong	BARBED SUTURES	08105320.2		
Quill Medical, Inc.	India	BARBED SUTURES	1013/DELNP/2005		
Quill Medical, Inc.	Ireland	BARBED SUTURES	03752630.8	1560683	15-Aug-2007
Quill Medical, Inc.	Israel	BARBED SUTURES	167580		
Quill Medical, Inc.	Italy	BARBED SUTURES	03752630.8	1560683	15-Aug-2007
Quill Medical, Inc.	Japan	BARBED SUTURES	2004-541835		
Quill Medical, Inc.	Mexico	BARBED SUTURES	PA/a/2005/002876	257014	9-May-2008
Quill Medical, Inc.	Mexico	BARBED SUTURES	MX/a/2008/002226		
Quill Medical, Inc.	Netherlands	BARBED SUTURES	03752630.8	1560683	15-Aug-2007
Quill Medical, Inc.	New	BARBED SUTURES	538771	538771	15-May-

PATENT SECURITY AGREEMENT

Owner	Country	Inv Title	App No.	Pat No.	Issue Dt.
	Zealand				2008
Quill Medical, Inc.	New Zealand	BARBED SUTURES	552640	552640	26-Sep-2008
Quill Medical, Inc.	New Zealand	BARBED SUTURES	552641	552641	11-Sep-2008
Quill Medical, Inc.	New Zealand	BARBED SUTURES	552642		
Quill Medical, Inc.	Russian Federation	BARBED SUTURES	2005113248		
Quill Medical, Inc.	Singapore	BARBED SUTURES	200702622-2		
Quill Medical, Inc.	Singapore	BARBED SUTURES	200702623-0		
Quill Medical, Inc.	Singapore	BARBED SUTURES	200702625-5		
Quill Medical, Inc.	Singapore	BARBED SUTURES	200702624-8		
Quill Medical, Inc.	South Korea	BARBED SUTURES	2005-7005524		
Quill Medical, Inc.	Spain	BARBED SUTURES	03752630.8	1560683	15-Aug-2007
Quill Medical, Inc.	Switzerland	BARBED SUTURES	03752630.8	1560683	15-Aug-2007
Quill Medical, Inc.	Turkey	BARBED SUTURES	03752630.8	1560683	15-Aug-2007
Quill Medical, Inc.	United Kingdom	BARBED SUTURES	03752630.8	1560683	15-Aug-2007
Quill Medical, Inc.	USA	BARBED SUTURES	11/968496		
Quill Medical, Inc.	USA	BARBED SUTURES	10/065280		
Quill Medical, Inc.	USA	BARBED TISSUE CONNECTOR	08/324529	6241747	5-Jun-2001
Quill Medical, Inc.	USA	BARBED TISSUE CONNECTOR	11/747085		
Quill Medical, Inc.	USA	BARBED TISSUE CONNECTOR	11/968494		
Quill Medical, Inc.	USA	COMPOSITE SELF-RETAINING SUTURES AND METHOD	12/340530		
Quill Medical, Inc.	Japan	INSERTING DEVICE FOR A BARBED TISSUE CONNECTOR	508682/96	3739791	11-Nov-2005
Quill Medical, Inc.	USA	INSERTING DEVICE FOR A BARBED TISSUE CONNECTOR	08/055870	5342376	30-Aug-1994
Quill Medical, Inc.	USA	LOOPED AND MULTIPLE STRAND SELF-RETAINING SUTURES	12/340581		
Quill Medical, Inc.	USA	LOOPED SELF-RETAINING SUTURES	12/340609		

Owner	Country	Title	App. No.	Pat. No.	Issue Dt.
Quill Medical, Inc.	European Patent Convention	MACHINE AND METHOD FOR PRODUCING A BARBED SUTURE	05025816.9	1656890	10-Dec-2008
Quill Medical, Inc.	USA	MATRIX MATERIAL	12/043391		
Quill Medical, Inc.	European Patent Convention	METHOD AND SYSTEM USING A LASER TO PRODUCE BARBED SUTURES	07016222.7		
Quill Medical, Inc.	Australia	METHOD OF FORMING BARBS ON A SUTURE AND APPARATUS FOR PERFORMING SAME	2002356136		
Quill Medical, Inc.	Austria	METHOD OF FORMING BARBS ON A SUTURE AND APPARATUS FOR PERFORMING SAME	02796449.3	1429664	28-Mar-2007
Quill Medical, Inc.	Belgium	METHOD OF FORMING BARBS ON A SUTURE AND APPARATUS FOR PERFORMING SAME	02796449.3	1429664	28-Mar-2007
Quill Medical, Inc.	Brazil	METHOD OF FORMING BARBS ON A SUTURE AND APPARATUS FOR PERFORMING SAME	PI 0212050-0		
Quill Medical, Inc.	Canada	METHOD OF FORMING BARBS ON A SUTURE AND APPARATUS FOR PERFORMING SAME	2457384	2457384	18-Nov-2008
Quill Medical, Inc.	Canada	METHOD OF FORMING BARBS ON A SUTURE AND APPARATUS FOR PERFORMING SAME	2632145		
Quill Medical, Inc.	China (Peoples Republic)	METHOD OF FORMING BARBS ON A SUTURE AND APPARATUS FOR PERFORMING SAME	2816778.3	ZL 02816778.3	27-Jun-2007
Quill Medical, Inc.	China (Peoples Republic)	METHOD OF FORMING BARBS ON A SUTURE AND APPARATUS FOR PERFORMING SAME	20071014109.4		
Quill Medical, Inc.	Costa Rica	METHOD OF FORMING BARBS ON A SUTURE AND APPARATUS FOR PERFORMING SAME	7260		
Quill Medical, Inc.	Denmark	METHOD OF FORMING BARBS ON A SUTURE AND APPARATUS FOR PERFORMING SAME	02796449.3	1429664	28-Mar-2007
Quill Medical, Inc.	European Patent Convention	METHOD OF FORMING BARBS ON A SUTURE AND APPARATUS FOR PERFORMING SAME	02796449.3	1429664	28-Mar-2007
Quill Medical, Inc.	European Patent Convention	METHOD OF FORMING BARBS ON A SUTURE AND APPARATUS FOR PERFORMING SAME	07006258.3		
Quill Medical, Inc.	Finland	METHOD OF FORMING BARBS ON A SUTURE AND APPARATUS FOR PERFORMING SAME	02796449.3	1429664	28-Mar-2007

Owner	Country	Invt. Title	App. No.	Pat. No.	Issue Dt.
Quill Medical, Inc.	France	METHOD OF FORMING BARBS ON A SUTURE AND APPARATUS FOR PERFORMING SAME	02796449.3	1429664	28-Mar-2007
Quill Medical, Inc.	Germany	METHOD OF FORMING BARBS ON A SUTURE AND APPARATUS FOR PERFORMING SAME	02796449.3	1429664	28-Mar-2007
Quill Medical, Inc.	Hong Kong	METHOD OF FORMING BARBS ON A SUTURE AND APPARATUS FOR PERFORMING SAME	08104172.4		
Quill Medical, Inc.	India	METHOD OF FORMING BARBS ON A SUTURE AND APPARATUS FOR PERFORMING SAME	00336/DELNP/2004		
Quill Medical, Inc.	Ireland	METHOD OF FORMING BARBS ON A SUTURE AND APPARATUS FOR PERFORMING SAME	02796449.3	1429664	28-Mar-2007
Quill Medical, Inc.	Israel	METHOD OF FORMING BARBS ON A SUTURE AND APPARATUS FOR PERFORMING SAME	160496		
Quill Medical, Inc.	Italy	METHOD OF FORMING BARBS ON A SUTURE AND APPARATUS FOR PERFORMING SAME	02796449.3	1429664	28-Mar-2007
Quill Medical, Inc.	Japan	METHOD OF FORMING BARBS ON A SUTURE AND APPARATUS FOR PERFORMING SAME	522377/2003		
Quill Medical, Inc.	Mexico	METHOD OF FORMING BARBS ON A SUTURE AND APPARATUS FOR PERFORMING SAME	PA/a/2004/001717	256030	11-Feb-2008
Quill Medical, Inc.	Mexico	METHOD OF FORMING BARBS ON A SUTURE AND APPARATUS FOR PERFORMING SAME	MX/a/2007/009022		
Quill Medical, Inc.	Netherlands	METHOD OF FORMING BARBS ON A SUTURE AND APPARATUS FOR PERFORMING SAME	02796449.3	1429664	28-Mar-2007
Quill Medical, Inc.	New Zealand	METHOD OF FORMING BARBS ON A SUTURE AND APPARATUS FOR PERFORMING SAME	531262	531262	6-Apr-2006
Quill Medical, Inc.	New Zealand	METHOD OF FORMING BARBS ON A SUTURE AND APPARATUS FOR PERFORMING SAME	543927	543927	10-Jan-2008
Quill Medical, Inc.	New Zealand	METHOD OF FORMING BARBS ON A SUTURE AND APPARATUS FOR PERFORMING SAME	560667		
Quill Medical, Inc.	Portugal	METHOD OF FORMING BARBS ON A SUTURE AND APPARATUS FOR PERFORMING SAME	02796449.3	1429664	28-Mar-2007
Quill Medical, Inc.	Russian Federation	METHOD OF FORMING BARBS ON A SUTURE AND APPARATUS FOR PERFORMING SAME	2004105594	2294162	27-Feb-2007
Quill Medical, Inc.	Russian Federation	METHOD OF FORMING BARBS ON A SUTURE AND APPARATUS FOR PERFORMING SAME	2006137125		
Quill Medical, Inc.	South Korea	METHOD OF FORMING BARBS ON A SUTURE AND APPARATUS FOR PERFORMING SAME	2004-7003142		

PATENT SECURITY AGREEMENT

Owner	Country	Invt Title	App No.	Pat No.	Issue Dt.
Quill Medical, Inc.	Spain	METHOD OF FORMING BARBS ON A SUTURE AND APPARATUS FOR PERFORMING SAME	02796449.3	1429664	28-Mar-2007
Quill Medical, Inc.	Sweden	METHOD OF FORMING BARBS ON A SUTURE AND APPARATUS FOR PERFORMING SAME	02796449.3	1429664	28-Mar-2007
Quill Medical, Inc.	Switzerland	METHOD OF FORMING BARBS ON A SUTURE AND APPARATUS FOR PERFORMING SAME	02796449.3	1429664	28-Mar-2007
Quill Medical, Inc.	United Kingdom	METHOD OF FORMING BARBS ON A SUTURE AND APPARATUS FOR PERFORMING SAME	02796449.3	1429664	28-Mar-2007
Quill Medical, Inc.	USA	METHOD OF FORMING BARBS ON A SUTURE AND APPARATUS FOR PERFORMING SAME	09/943733	6848152	1-Feb-2005
Quill Medical, Inc.	USA	METHOD OF FORMING BARBS ON A SUTURE AND APPARATUS FOR PERFORMING SAME	10/486123	7225512	5-Jun-2007
Quill Medical, Inc.	USA	METHOD OF FORMING BARBS ON A SUTURE AND APPARATUS FOR PERFORMING SAME	11/691845		
Quill Medical, Inc.	USA	ONE-WAY SUTURE	11/440621		
Quill Medical, Inc.	Australia	SURGICAL METHODS USING ONE-WAY SUTURE	199875900	743056	2-May-2002
Quill Medical, Inc.	Australia	SURGICAL METHODS USING ONE-WAY SUTURE	200400650	200400650	29-Feb-2008
Quill Medical, Inc.	Australia	SURGICAL METHODS USING ONE-WAY SUTURE	31406/02	769895	20-May-2004
Quill Medical, Inc.	Australia	SURGICAL METHODS USING ONE-WAY SUTURE	2008200738		
Quill Medical, Inc.	Austria	SURGICAL METHODS USING ONE-WAY SUTURE	98923664.1	0991359	7-Nov-2007
Quill Medical, Inc.	Canada	SURGICAL METHODS USING ONE-WAY SUTURE	2290533		
Quill Medical, Inc.	Denmark	SURGICAL METHODS USING ONE-WAY SUTURE	98923664.1	0991359	7-Nov-2007
Quill Medical, Inc.	Finland	SURGICAL METHODS USING ONE-WAY SUTURE	98923664.1	0991359	7-Nov-2007
Quill Medical, Inc.	France	SURGICAL METHODS USING ONE-WAY SUTURE	98923664.1	0991359	7-Nov-2007
Quill Medical, Inc.	Germany	SURGICAL METHODS USING ONE-WAY SUTURE	98923664.1	0991359	7-Nov-2007
Quill Medical, Inc.	Hong Kong	SURGICAL METHODS USING ONE-WAY SUTURE	06108688.4		
Quill Medical, Inc.	Ireland	SURGICAL METHODS USING ONE-WAY SUTURE	98923664.1	0991359	7-Nov-2007
Quill Medical, Inc.	Italy	SURGICAL METHODS USING ONE-WAY SUTURE	98923664.1	0991359	7-Nov-2007
Quill Medical, Inc.	Mexico	SURGICAL METHODS USING ONE-WAY SUTURE	MX/a/2007/007700	261675	27-Oct-2008

PATENT SECURITY AGREEMENT

Owner	Country	Inv Title	App No.	Pat No.	Issue Dt.
Quill Medical, Inc.	Mexico	SURGICAL METHODS USING ONE-WAY SUTURE	PA/a/2005/003459	249587	27-Sep-2007
Quill Medical, Inc.	Mexico	SURGICAL METHODS USING ONE-WAY SUTURE	PA/a/2005/010826	254790	15-Feb-2008
Quill Medical, Inc.	Mexico	SURGICAL METHODS USING ONE-WAY SUTURE	PA/a/1999/010692		
Quill Medical, Inc.	Netherlands	SURGICAL METHODS USING ONE-WAY SUTURE	98923664.1	0991359	7-Nov-2007
Quill Medical, Inc.	New Zealand	SURGICAL METHODS USING ONE-WAY SUTURE	501224	501224	10-Jun-2002
Quill Medical, Inc.	New Zealand	SURGICAL METHODS USING ONE-WAY SUTURE	515820	515820	9-Mar-2004
Quill Medical, Inc.	New Zealand	SURGICAL METHODS USING ONE-WAY SUTURE	526233	526233	7-Jul-2005
Quill Medical, Inc.	Sweden	SURGICAL METHODS USING ONE-WAY SUTURE	98923664.1	0991359	7-Nov-2007
Quill Medical, Inc.	Switzerland	SURGICAL METHODS USING ONE-WAY SUTURE	98923664.1	0991359	7-Nov-2007
Quill Medical, Inc.	United Kingdom	SURGICAL METHODS USING ONE-WAY SUTURE	98923664.1	0991359	7-Nov-2007
Quill Medical, Inc.	USA	SURGICAL METHODS USING ONE-WAY SUTURE	08/859887	5931855	3-Aug-1999
Quill Medical, Inc.	USA	SURGICAL METHODS USING ONE-WAY SUTURE	09/919750		
Quill Medical, Inc.	USA	SURGICAL METHODS USING ONE-WAY SUTURE	10/941347		
Quill Medical, Inc.	Brazil	SUTURE ANCHOR AND METHOD	PI 0305764-0		
Quill Medical, Inc.	Canada	SUTURE ANCHOR AND METHOD	2494905		
Quill Medical, Inc.	European Patent Convention	SUTURE ANCHOR AND METHOD	03785177.1		
Quill Medical, Inc.	USA	SUTURE ANCHOR AND METHOD	10/216516	6773450	10-Aug-2004
Quill Medical, Inc.	USA	SUTURE ANCHOR AND METHOD	10/914755	7371253	13-May-2008
Quill Medical, Inc.	USA	SUTURE ANCHOR AND METHOD	12/119749		
Quill Medical, Inc.	European Patent Convention	SUTURE AND NEEDLE/SUTURE COMBINATION	98923664.1	0991359	7-Nov-2007
Quill Medical, Inc.	Australia	SUTURE METHOD	2002345953	2002345953	24-Jan-2008
Quill Medical, Inc.	Australia	SUTURE METHOD	2003278981		

PATENT SECURITY AGREEMENT

Owner	Country	Invt. Title	App. No.	Pat. No.	Issue Dt.
Quill Medical, Inc.	Russian Federation	SUTURE METHOD	2005113280		
Quill Medical, Inc.	Russian Federation	SUTURE METHOD	2004102518	2318458	10-Mar-2008
Quill Medical, Inc.	USA	SUTURE METHOD	10/065256	7056331	6-Jun-2006
Quill Medical, Inc.	USA	SUTURE METHOD	09/896455	6599310	29-Jul-2003
Quill Medical, Inc.	USA	SUTURE METHOD	11/747707		
Quill Medical, Inc.	Australia	SUTURE METHODS AND DEVICES	2005244886		
Quill Medical, Inc.	Brazil	SUTURE METHODS AND DEVICES	PI 0510975-2		
Quill Medical, Inc.	Canada	SUTURE METHODS AND DEVICES	2566438		
Quill Medical, Inc.	China (Peoples Republic)	SUTURE METHODS AND DEVICES	20058002375.3		
Quill Medical, Inc.	Colombia	SUTURE METHODS AND DEVICES	06-124857		
Quill Medical, Inc.	Costa Rica	SUTURE METHODS AND DEVICES	8781		
Quill Medical, Inc.	European Patent Convention	SUTURE METHODS AND DEVICES	05750101.7		
Quill Medical, Inc.	Hong Kong	SUTURE METHODS AND DEVICES	07109271.4		
Quill Medical, Inc.	India	SUTURE METHODS AND DEVICES	6741/DELNP/2006		
Quill Medical, Inc.	Israel	SUTURE METHODS AND DEVICES	179153		
Quill Medical, Inc.	Japan	SUTURE METHODS AND DEVICES	2007-513452		
Quill Medical, Inc.	Mexico	SUTURE METHODS AND DEVICES	PA/a/2006/013177		
Quill Medical, Inc.	New Zealand	SUTURE METHODS AND DEVICES	551421		
Quill Medical, Inc.	Russian Federation	SUTURE METHODS AND DEVICES	2006144439		
Quill Medical, Inc.	Singapore	SUTURE METHODS AND DEVICES	200607803		
Quill Medical, Inc.	South Africa	SUTURE METHODS AND DEVICES	2006/09428	2006/9428	30-Apr-2008
Quill Medical, Inc.	South Korea	SUTURE METHODS AND DEVICES	2006-7023828		
Quill Medical, Inc.	USA	SUTURE METHODS AND DEVICES	10/908539		
Quill Medical, Inc.	USA	SUTURE NEEDLE COMBINATION	11/440631		
Surgical Specialties Corporation	USA	METHOD AND APPARATUS TO MARK AN INCISION	10/834508		
Surgical Specialties Corporation	USA	STROMAL PUNCTURE METHOD	07/787799	5199445	6-Apr-1993
Surgical Specialties Corporation	Australia	SURGICAL KNIFE BLADE WITH HOLLOW BEVEL	2004323587		

PATENT SECURITY AGREEMENT

Owner	Country	In Title	App. No.	Pat. No.	Issue Dt.
Surgical Specialties Corporation	Canada	SURGICAL KNIFE BLADE WITH HOLLOW BEVEL	2580724		
Surgical Specialties Corporation	European Patent Convention	SURGICAL KNIFE BLADE WITH HOLLOW BEVEL	04795084.5		
Surgical Specialties Corporation	USA	SURGICAL KNIFE BLADE WITH HOLLOW BEVEL	10/942437		
Angiotech Pharmaceuticals, Inc./The University of British Columbia	South Korea	A STENT FOR HOLDING OPEN THE LUMEN OF A BODY PASSAGEWAY AND A METHOD FOR MANUFACTURING THE SAME	96-700266	389223	16-Jun-2003
Angiotech Pharmaceuticals, Inc.	USA	ADHESIVE SUTURE SYSTEM AND METHOD OF USE	61/031284		
Angiotech Pharmaceuticals, Inc.	USA	ALTERNATIVE GEOMETRY SELF-RETAINING SUTURE SYSTEM	61/031259		
Angiotech Pharmaceuticals, Inc./The University of British Columbia	Australia	ANTI-ANGIOGENIC COMPOSITIONS AND METHODS OF USE	69911/98	728873	3-May-2001
Angiotech Pharmaceuticals, Inc./The University of British Columbia	Australia	ANTI-ANGIOGENIC COMPOSITIONS AND METHODS OF USE	71192/94	693797	5-Nov-1998
Angiotech Pharmaceuticals, Inc./The University of British Columbia	Australia	ANTI-ANGIOGENIC COMPOSITIONS AND METHODS OF USE	71746/00	771815	22-Jul-2004
Angiotech Pharmaceuticals, Inc./The University of British Columbia	Australia	ANTI-ANGIOGENIC COMPOSITIONS AND METHODS OF USE	2007254682		
Angiotech Pharmaceuticals, Inc./The University of British Columbia	Austria	ANTI-ANGIOGENIC COMPOSITIONS AND METHODS OF USE	01117863.9	1155689	20-Sep-2006
Angiotech Pharmaceuticals, Inc./The University of British Columbia	Austria	ANTI-ANGIOGENIC COMPOSITIONS AND METHODS OF USE	94920360.8	0706376	25-Jun-1997
Angiotech Pharmaceuticals, Inc./The University of British Columbia	Belgium	ANTI-ANGIOGENIC COMPOSITIONS AND METHODS OF USE	01117863.9	1155689	20-Sep-2006
Angiotech Pharmaceuticals, Inc./The University of British Columbia	Belgium	ANTI-ANGIOGENIC COMPOSITIONS AND METHODS OF USE	1117872	1155690	29-Sep-2004
Angiotech Pharmaceuticals, Inc./The University of British Columbia	Belgium	ANTI-ANGIOGENIC COMPOSITIONS AND METHODS OF USE	94920360.8	0706376	25-Jun-1997
Angiotech Pharmaceuticals, Inc./The University of British Columbia	Canada	ANTI-ANGIOGENIC COMPOSITIONS AND METHODS OF USE	2167268	2167268	28-Sep-1994
Angiotech Pharmaceuticals, Inc./The University of British Columbia	China (Peoples Republic)	ANTI-ANGIOGENIC COMPOSITIONS AND METHODS OF USE	94193379.2	94193379.2	18-Feb-2004

PATENT SECURITY AGREEMENT

Owner	Country	Inventor	App. No.	Pat. No.	Issue Dt.
Angiotech Pharmaceuticals, Inc./The University of British Columbia	China (Peoples Republic)	ANTI-ANGIOGENIC COMPOSITIONS AND METHODS OF USE	20051008227		
Angiotech Pharmaceuticals, Inc./The University of British Columbia	China (Peoples Republic)	ANTI-ANGIOGENIC COMPOSITIONS AND METHODS OF USE	200510082207		
Angiotech Pharmaceuticals, Inc./The University of British Columbia	China (Peoples Republic)	ANTI-ANGIOGENIC COMPOSITIONS AND METHODS OF USE	200610099889		
Angiotech Pharmaceuticals, Inc./The University of British Columbia	China (Peoples Republic)	ANTI-ANGIOGENIC COMPOSITIONS AND METHODS OF USE	200610099887		
Angiotech Pharmaceuticals, Inc./The University of British Columbia	China (Peoples Republic)	ANTI-ANGIOGENIC COMPOSITIONS AND METHODS OF USE	200610099887.X		
Angiotech Pharmaceuticals, Inc./The University of British Columbia	Denmark	ANTI-ANGIOGENIC COMPOSITIONS AND METHODS OF USE	01117863.9	1155689	20-Sep-2006
Angiotech Pharmaceuticals, Inc./The University of British Columbia	Denmark	ANTI-ANGIOGENIC COMPOSITIONS AND METHODS OF USE	94920360.8	0706376	25-Jun-1997
Angiotech Pharmaceuticals, Inc./The University of British Columbia	European Patent Convention	ANTI-ANGIOGENIC COMPOSITIONS AND METHODS OF USE	96119361.2		
Angiotech Pharmaceuticals, Inc./The University of British Columbia	European Patent Convention	ANTI-ANGIOGENIC COMPOSITIONS AND METHODS OF USE	08006468.6		
Angiotech Pharmaceuticals, Inc./The University of British Columbia	European Patent Convention	ANTI-ANGIOGENIC COMPOSITIONS AND METHODS OF USE	05020782.8		
Angiotech Pharmaceuticals, Inc./The University of British Columbia	European Patent Convention	ANTI-ANGIOGENIC COMPOSITIONS AND METHODS OF USE	05020783.6		
Angiotech Pharmaceuticals, Inc./The University of British Columbia	European Patent Convention	ANTI-ANGIOGENIC COMPOSITIONS AND METHODS OF USE	05020791.9		
Angiotech Pharmaceuticals, Inc./The University of British Columbia	European Patent Convention	ANTI-ANGIOGENIC COMPOSITIONS AND METHODS OF USE	05020792.7		

PATENT SECURITY AGREEMENT

Owner	Country	Inv Title	App. No.	Pat. No.	Issue Dt.
Angiotech Pharmaceuticals, Inc./The University of British Columbia	France	ANTI-ANGIOGENIC COMPOSITIONS AND METHODS OF USE	01117863.9	1155689	20-Sep-2006
Angiotech Pharmaceuticals, Inc./The University of British Columbia	France	ANTI-ANGIOGENIC COMPOSITIONS AND METHODS OF USE	1117872	1155690	29-Sep-2004
Angiotech Pharmaceuticals, Inc./The University of British Columbia	France	ANTI-ANGIOGENIC COMPOSITIONS AND METHODS OF USE	94920360.8	0706376	25-Jun-1997
Angiotech Pharmaceuticals, Inc./The University of British Columbia	Germany	ANTI-ANGIOGENIC COMPOSITIONS AND METHODS OF USE	01117863.9	1155689	20-Sep-2006
Angiotech Pharmaceuticals, Inc./The University of British Columbia	Germany	ANTI-ANGIOGENIC COMPOSITIONS AND METHODS OF USE	1117872	1155690	29-Sep-2004
Angiotech Pharmaceuticals, Inc./The University of British Columbia	Germany	ANTI-ANGIOGENIC COMPOSITIONS AND METHODS OF USE	94920360.8	0706376	25-Jun-1997
Angiotech Pharmaceuticals, Inc./The University of British Columbia	Greece	ANTI-ANGIOGENIC COMPOSITIONS AND METHODS OF USE	01117863.9	1155689	20-Sep-2006
Angiotech Pharmaceuticals, Inc./The University of British Columbia	Greece	ANTI-ANGIOGENIC COMPOSITIONS AND METHODS OF USE	94920360.8	0706376	25-Jun-1997
Angiotech Pharmaceuticals, Inc./The University of British Columbia	Hong Kong	ANTI-ANGIOGENIC COMPOSITIONS AND METHODS OF USE	02103990.2	1042054	14-Nov-2008
Angiotech Pharmaceuticals, Inc./The University of British Columbia	Hong Kong	ANTI-ANGIOGENIC COMPOSITIONS AND METHODS OF USE	06102632.4		
Angiotech Pharmaceuticals, Inc./The University of British Columbia	Hong Kong	ANTI-ANGIOGENIC COMPOSITIONS AND METHODS OF USE	06110003.8		
Angiotech Pharmaceuticals, Inc./The University of British Columbia	Hong Kong	ANTI-ANGIOGENIC COMPOSITIONS AND METHODS OF USE	06110523.9		
Angiotech Pharmaceuticals, Inc./The University of British Columbia	Hong Kong	ANTI-ANGIOGENIC COMPOSITIONS AND METHODS OF USE	06110532.8		
Angiotech Pharmaceuticals, Inc./The University of British Columbia	Hong Kong	ANTI-ANGIOGENIC COMPOSITIONS AND METHODS OF USE	08100051.8		
Angiotech Pharmaceuticals, Inc./The University of British Columbia	Hong Kong	ANTI-ANGIOGENIC COMPOSITIONS AND METHODS OF USE	08100052.7		
Angiotech Pharmaceuticals, Inc./The University of British Columbia	Hong Kong	ANTI-ANGIOGENIC COMPOSITIONS AND METHODS OF USE	08100053.6		
Angiotech Pharmaceuticals, Inc./The University of British Columbia	Ireland	ANTI-ANGIOGENIC COMPOSITIONS AND METHODS OF USE	01117863.9	1155689	20-Sep-2006
Angiotech Pharmaceuticals, Inc./The University of British Columbia	Ireland	ANTI-ANGIOGENIC COMPOSITIONS AND METHODS OF USE	1117872	1155690	29-Sep-2004

PATENT SECURITY AGREEMENT

Owner	Country	Inv. Title	App. No.	Pat. No.	Issue Dt.
Angiotech Pharmaceuticals, Inc./The University of British Columbia	Ireland	ANTI-ANGIOGENIC COMPOSITIONS AND METHODS OF USE	94920360.8	0706376	25-Jun-1997
Angiotech Pharmaceuticals, Inc./The University of British Columbia	Italy	ANTI-ANGIOGENIC COMPOSITIONS AND METHODS OF USE	01117863.9	1155689	20-Sep-2006
Angiotech Pharmaceuticals, Inc./The University of British Columbia	Italy	ANTI-ANGIOGENIC COMPOSITIONS AND METHODS OF USE	94920360.8	0706376	25-Jun-1997
Angiotech Pharmaceuticals, Inc./The University of British Columbia	Japan	ANTI-ANGIOGENIC COMPOSITIONS AND METHODS OF USE	7-504823	3423317	25-Apr-2003
Angiotech Pharmaceuticals, Inc./The University of British Columbia	Japan	ANTI-ANGIOGENIC COMPOSITIONS AND METHODS OF USE	2006-239650		
Angiotech Pharmaceuticals, Inc./The University of British Columbia	Japan	ANTI-ANGIOGENIC COMPOSITIONS AND METHODS OF USE	2002-66179		
Angiotech Pharmaceuticals, Inc./The University of British Columbia	Japan	ANTI-ANGIOGENIC COMPOSITIONS AND METHODS OF USE	2006-331088		
Angiotech Pharmaceuticals, Inc./The University of British Columbia	Luxembourg	ANTI-ANGIOGENIC COMPOSITIONS AND METHODS OF USE	01117863.9	1155689	20-Sep-2006
Angiotech Pharmaceuticals, Inc./The University of British Columbia	Luxembourg	ANTI-ANGIOGENIC COMPOSITIONS AND METHODS OF USE	94920360.8	0706376	25-Jun-1997
Angiotech Pharmaceuticals, Inc./The University of British Columbia	Monaco	ANTI-ANGIOGENIC COMPOSITIONS AND METHODS OF USE	01117863.9	1155689	20-Sep-2006
Angiotech Pharmaceuticals, Inc./The University of British Columbia	Monaco	ANTI-ANGIOGENIC COMPOSITIONS AND METHODS OF USE	94920360.8	0706376	25-Jun-1997
Angiotech Pharmaceuticals, Inc./The University of British Columbia	Netherlands	ANTI-ANGIOGENIC COMPOSITIONS AND METHODS OF USE	01117863.9	1155689	20-Sep-2006
Angiotech Pharmaceuticals, Inc./The University of British Columbia	Netherlands	ANTI-ANGIOGENIC COMPOSITIONS AND METHODS OF USE	1117872	1155690	29-Sep-2004
Angiotech Pharmaceuticals, Inc./The University of British Columbia	Netherlands	ANTI-ANGIOGENIC COMPOSITIONS AND METHODS OF USE	94920360.8	0706376	25-Jun-1997
Angiotech Pharmaceuticals, Inc./The University of British Columbia	New Zealand	ANTI-ANGIOGENIC COMPOSITIONS AND METHODS OF USE	268326	268326	27-Apr-1998
Angiotech Pharmaceuticals, Inc./The University of British Columbia	New Zealand	ANTI-ANGIOGENIC COMPOSITIONS AND METHODS OF USE	329193	329193	17-Dec-2001
Angiotech Pharmaceuticals, Inc./The University of British Columbia	New Zealand	ANTI-ANGIOGENIC COMPOSITIONS AND METHODS OF USE	511762	511762	5-Jan-2004
Angiotech Pharmaceuticals, Inc./The University of British Columbia	New Zealand	ANTI-ANGIOGENIC COMPOSITIONS AND METHODS OF USE	523799	523799	7-Jul-2005

PATENT SECURITY AGREEMENT

Owner	Country	Inventor	App No.	Pat. No.	Issue Dt.
Angiotech Pharmaceuticals, Inc./The University of British Columbia	New Zealand	ANTI-ANGIOGENIC COMPOSITIONS AND METHODS OF USE	533467	533467	8-Jun-2006
Angiotech Pharmaceuticals, Inc./The University of British Columbia	New Zealand	ANTI-ANGIOGENIC COMPOSITIONS AND METHODS OF USE	555408		
Angiotech Pharmaceuticals, Inc./The University of British Columbia	Norway	ANTI-ANGIOGENIC COMPOSITIONS AND METHODS OF USE	1996.0226	3242475	17-Sep-2007
Angiotech Pharmaceuticals, Inc./The University of British Columbia	Norway	ANTI-ANGIOGENIC COMPOSITIONS AND METHODS OF USE	2007/3066		
Angiotech Pharmaceuticals, Inc./The University of British Columbia	Portugal	ANTI-ANGIOGENIC COMPOSITIONS AND METHODS OF USE	01117863.9	1155689	20-Sep-2006
Angiotech Pharmaceuticals, Inc./The University of British Columbia	Portugal	ANTI-ANGIOGENIC COMPOSITIONS AND METHODS OF USE	94920360.8	0706376	25-Jun-1997
Angiotech Pharmaceuticals, Inc./The University of British Columbia	Russian Federation	ANTI-ANGIOGENIC COMPOSITIONS AND METHODS OF USE	96105391	2180844	27-Mar-2002
Angiotech Pharmaceuticals, Inc./The University of British Columbia	Russian Federation	ANTI-ANGIOGENIC COMPOSITIONS AND METHODS OF USE	2001132111	2304433	20-Aug-2007
Angiotech Pharmaceuticals, Inc./The University of British Columbia	Russian Federation	ANTI-ANGIOGENIC COMPOSITIONS AND METHODS OF USE	2007111679		
Angiotech Pharmaceuticals, Inc./The University of British Columbia	South Korea	ANTI-ANGIOGENIC COMPOSITIONS AND METHODS OF USE	10-2008-7007363		
Angiotech Pharmaceuticals, Inc./The University of British Columbia	Spain	ANTI-ANGIOGENIC COMPOSITIONS AND METHODS OF USE	01117863.9	1155689	20-Sep-2006
Angiotech Pharmaceuticals, Inc./The University of British Columbia	Spain	ANTI-ANGIOGENIC COMPOSITIONS AND METHODS OF USE	94920360.8	0706376	25-Jun-1997
Angiotech Pharmaceuticals, Inc./The University of British Columbia	Sweden	ANTI-ANGIOGENIC COMPOSITIONS AND METHODS OF USE	01117863.9	1155689	20-Sep-2006
Angiotech Pharmaceuticals, Inc./The University of British Columbia	Sweden	ANTI-ANGIOGENIC COMPOSITIONS AND METHODS OF USE	94920360.8	0706376	25-Jun-1997
Angiotech Pharmaceuticals, Inc./The University of British Columbia	Switzerland	ANTI-ANGIOGENIC COMPOSITIONS AND METHODS OF USE	01117863.9	1155689	20-Sep-2006
Angiotech Pharmaceuticals, Inc./The University of British Columbia	Switzerland	ANTI-ANGIOGENIC COMPOSITIONS AND METHODS OF USE	1117872	1155690	29-Sep-2004
Angiotech Pharmaceuticals, Inc./The University of British Columbia	Switzerland	ANTI-ANGIOGENIC COMPOSITIONS AND METHODS OF USE	94920360.8	0706376	25-Jun-1997
Angiotech Pharmaceuticals, Inc./The University of British Columbia	United Kingdom	ANTI-ANGIOGENIC COMPOSITIONS AND METHODS OF USE	01117863.9	1155689	20-Sep-2006

PATENT SECURITY AGREEMENT

Owner	Country	Invt. Title	App. No.	Pat. No.	Issue Dt.
Angiotech Pharmaceuticals, Inc./The University of British Columbia	United Kingdom	ANTI-ANGIOGENIC COMPOSITIONS AND METHODS OF USE	1117872	1155690	29-Sep-2004
Angiotech Pharmaceuticals, Inc./The University of British Columbia	United Kingdom	ANTI-ANGIOGENIC COMPOSITIONS AND METHODS OF USE	94920360.8	0706376	25-Jun-1997
Angiotech Pharmaceuticals, Inc.	USA	ANTI-ANGIOGENIC COMPOSITIONS AND METHODS OF USE	09/925220	6544544	8-Apr-2003
Angiotech Pharmaceuticals, Inc.	USA	ANTI-ANGIOGENIC COMPOSITIONS AND METHODS OF USE	08/472413	5886026	23-Mar-1999
Angiotech Pharmaceuticals, Inc.	USA	ANTI-ANGIOGENIC COMPOSITIONS AND METHODS OF USE	08/478203	5716981	10-Feb-1998
Angiotech Pharmaceuticals, Inc.	USA	ANTI-ANGIOGENIC COMPOSITIONS AND METHODS OF USE	08/478914	5994341	30-Nov-1999
Angiotech Pharmaceuticals, Inc.	USA	ANTI-ANGIOGENIC COMPOSITIONS AND METHODS OF USE	09/294458	6506411	14-Jan-2003
Angiotech Pharmaceuticals, Inc.	USA	ANTI-ANGIOGENIC COMPOSITIONS AND METHODS OF USE	10/112921	6846841	25-Jan-2005
Angiotech Pharmaceuticals, Inc.	USA	ANTI-ANGIOGENIC COMPOSITIONS AND METHODS OF USE	12/098173		
Angiotech Pharmaceuticals, Inc.	USA	ANTI-ANGIOGENIC COMPOSITIONS AND METHODS OF USE	11/332170		
Angiotech Pharmaceuticals, Inc.	USA	ANTI-ANGIOGENIC COMPOSITIONS AND METHODS OF USE	10/959349		
Angiotech Pharmaceuticals, Inc.	USA	ANTI-ANGIOGENIC COMPOSITIONS AND METHODS OF USE	10/959398		
Angiotech Pharmaceuticals, Inc.	USA	ANTI-ANGIOGENIC COMPOSITIONS AND METHODS OF USE	11/151399		
Angiotech Pharmaceuticals, Inc.	USA	ANTI-ANGIOGENIC COMPOSITIONS AND METHODS OF USE	11/435742		
Angiotech Pharmaceuticals, Inc.	USA	ANTI-ANGIOGENIC COMPOSITIONS AND METHODS OF USE	11/435854		
Angiotech Pharmaceuticals, Inc./The University of British Columbia	USA	ANTI-ANGIOGENIC COMPOSITIONS AND METHODS OF USE	11/830208		
Angiotech Pharmaceuticals, Inc./The University of British Columbia	USA	ANTI-ANGIOGENIC COMPOSITIONS AND METHODS OF USE	11/830240		
Angiotech Pharmaceuticals, Inc./The University of British Columbia	USA	ANTI-ANGIOGENIC COMPOSITIONS AND METHODS OF USE	11/830080		

PATENT SECURITY AGREEMENT

Owner	Country	Inventor	App. No.	Pat. No.	Issue Dt.
Angiotech Pharmaceuticals, Inc./The University of British Columbia	USA	ANTI-ANGIOGENIC COMPOSITIONS AND METHODS OF USE	11/830186		
Angiotech Pharmaceuticals, Inc./The University of British Columbia	European Patent Convention	ANTI-ANGIOGENIC COMPOSITIONS AND METHODS OF USE - METALLOPROTEINASE INHIBITORS	01117882.9	1159975	10-Sep-2008
Angiotech Pharmaceuticals, Inc./The University of British Columbia	France	ANTI-ANGIOGENIC COMPOSITIONS AND METHODS OF USE - METALLOPROTEINASE INHIBITORS	01117882.9	1159975	10-Sep-2008
Angiotech Pharmaceuticals, Inc./The University of British Columbia	Germany	ANTI-ANGIOGENIC COMPOSITIONS AND METHODS OF USE - METALLOPROTEINASE INHIBITORS	01117882.9	1159975	10-Sep-2008
Angiotech Pharmaceuticals, Inc./The University of British Columbia	Ireland	ANTI-ANGIOGENIC COMPOSITIONS AND METHODS OF USE - METALLOPROTEINASE INHIBITORS	01117882.9	1159975	10-Sep-2008
Angiotech Pharmaceuticals, Inc./The University of British Columbia	Switzerland	ANTI-ANGIOGENIC COMPOSITIONS AND METHODS OF USE - METALLOPROTEINASE INHIBITORS	01117882.9	1159975	10-Sep-2008
Angiotech Pharmaceuticals, Inc./The University of British Columbia	United Kingdom	ANTI-ANGIOGENIC COMPOSITIONS AND METHODS OF USE - METALLOPROTEINASE INHIBITORS	01117882.9	1159975	10-Sep-2008
Angiotech Pharmaceuticals, Inc./The University of British Columbia	European Patent Convention	ANTI-ANGIOGENIC COMPOSITIONS AND METHODS OF USE - METHOD B	01117863.9	1155689	20-Sep-2006
Angiotech Pharmaceuticals, Inc./The University of British Columbia	European Patent Convention	ANTI-ANGIOGENIC COMPOSITIONS AND METHODS OF USE - MITOXANTRONE	01117876.1	1155691	17-Sep-2008
Angiotech Pharmaceuticals, Inc./The University of British Columbia	France	ANTI-ANGIOGENIC COMPOSITIONS AND METHODS OF USE - MITOXANTRONE	01117876.1	1155691	17-Sep-2008
Angiotech Pharmaceuticals, Inc./The University of British Columbia	Germany	ANTI-ANGIOGENIC COMPOSITIONS AND METHODS OF USE - MITOXANTRONE	01117876.1	1155691	17-Sep-2008
Angiotech Pharmaceuticals, Inc./The University of British Columbia	Ireland	ANTI-ANGIOGENIC COMPOSITIONS AND METHODS OF USE - MITOXANTRONE	01117876.1	1155691	17-Sep-2008
Angiotech Pharmaceuticals, Inc./The University of British Columbia	Switzerland	ANTI-ANGIOGENIC COMPOSITIONS AND METHODS OF USE - MITOXANTRONE	01117876.1	1155691	17-Sep-2008
Angiotech Pharmaceuticals, Inc./The University of British Columbia	United Kingdom	ANTI-ANGIOGENIC COMPOSITIONS AND METHODS OF USE - MITOXANTRONE	01117876.1	1155691	17-Sep-2008

PATENT SECURITY AGREEMENT

Owner	Country	Inv. Title	App No.	Pat. No.	Issue Dt.
Angiotech Pharmaceuticals, Inc./The University of British Columbia	Austria	ANTI-ANGIOGENIC COMPOSITIONS CONTAINING TAXOL AND A NON-BIODEGRADABLE CARRIER AND THEIR USE	01117873.8	1159974	18-Jul-2007
Angiotech Pharmaceuticals, Inc./The University of British Columbia	Belgium	ANTI-ANGIOGENIC COMPOSITIONS CONTAINING TAXOL AND A NON-BIODEGRADABLE CARRIER AND THEIR USE	01117873.8	1159974	18-Jul-2007
Angiotech Pharmaceuticals, Inc./The University of British Columbia	Denmark	ANTI-ANGIOGENIC COMPOSITIONS CONTAINING TAXOL AND A NON-BIODEGRADABLE CARRIER AND THEIR USE	01117873.8	1159974	18-Jul-2007
Angiotech Pharmaceuticals, Inc./The University of British Columbia	France	ANTI-ANGIOGENIC COMPOSITIONS CONTAINING TAXOL AND A NON-BIODEGRADABLE CARRIER AND THEIR USE	01117873.8	1159974	18-Jul-2007
Angiotech Pharmaceuticals, Inc./The University of British Columbia	Germany	ANTI-ANGIOGENIC COMPOSITIONS CONTAINING TAXOL AND A NON-BIODEGRADABLE CARRIER AND THEIR USE	01117873.8	1159974	18-Jul-2007
Angiotech Pharmaceuticals, Inc./The University of British Columbia	Ireland	ANTI-ANGIOGENIC COMPOSITIONS CONTAINING TAXOL AND A NON-BIODEGRADABLE CARRIER AND THEIR USE	01117873.8	1159974	18-Jul-2007
Angiotech Pharmaceuticals, Inc./The University of British Columbia	Italy	ANTI-ANGIOGENIC COMPOSITIONS CONTAINING TAXOL AND A NON-BIODEGRADABLE CARRIER AND THEIR USE	01117873.8	1159974	18-Jul-2007
Angiotech Pharmaceuticals, Inc./The University of British Columbia	Luxembourg	ANTI-ANGIOGENIC COMPOSITIONS CONTAINING TAXOL AND A NON-BIODEGRADABLE CARRIER AND THEIR USE	01117873.8	1159974	18-Jul-2007
Angiotech Pharmaceuticals, Inc./The University of British Columbia	Netherlands	ANTI-ANGIOGENIC COMPOSITIONS CONTAINING TAXOL AND A NON-BIODEGRADABLE CARRIER AND THEIR USE	01117873.8	1159974	18-Jul-2007
Angiotech Pharmaceuticals, Inc./The University of British Columbia	Portugal	ANTI-ANGIOGENIC COMPOSITIONS CONTAINING TAXOL AND A NON-BIODEGRADABLE CARRIER AND THEIR USE	01117873.8	1159974	18-Jul-2007
Angiotech Pharmaceuticals, Inc./The University of British Columbia	Spain	ANTI-ANGIOGENIC COMPOSITIONS CONTAINING TAXOL AND A NON-BIODEGRADABLE CARRIER AND THEIR USE	01117873.8	1159974	18-Jul-2007
Angiotech Pharmaceuticals, Inc./The University of British Columbia	Sweden	ANTI-ANGIOGENIC COMPOSITIONS CONTAINING TAXOL AND A NON-BIODEGRADABLE CARRIER AND THEIR USE	01117873.8	1159974	18-Jul-2007

PATENT SECURITY AGREEMENT

Owner	Country	Title	App. No.	Pat. No.	Issue Dt.
Angiotech Pharmaceuticals, Inc./The University of British Columbia	Switzerland	ANTI-ANGIOGENIC COMPOSITIONS CONTAINING TAXOL AND A NON-BIODEGRADABLE CARRIER AND THEIR USE	01117873.8	1159974	18-Jul-2007
Angiotech Pharmaceuticals, Inc./The University of British Columbia	United Kingdom	ANTI-ANGIOGENIC COMPOSITIONS CONTAINING TAXOL AND A NON-BIODEGRADABLE CARRIER AND THEIR USE	01117873.8	1159974	18-Jul-2007
Angiotech Pharmaceuticals, Inc./The University of British Columbia	South Korea	ANTI-ANGIOGENIC COMPOSITIONS, A STENT COATED WITH THE ANTI-ANGIOGENIC COMPOSITIONS AND A METHOD FOR MANUFACTURING THE STENT	10-2002-7016338		
Angiotech Pharmaceuticals, Inc./The University of British Columbia	Canada	ANTI-ANGIOGENIC COMPOSITIONS, USES AND METHODS	2468375		
Angiotech Pharmaceuticals, Inc.	USA	ANTI-INFECTIVE CATHETERS	61/030850		
Angiotech Pharmaceuticals, Inc.	USA	ANTI-INFECTIVE CATHETERS	61/047033		
Angiotech Pharmaceuticals, Inc.	USA	APPARATUS AND METHOD FOR FORMING BARBED SUTURES	61/006777		
Angiotech Pharmaceuticals, Inc.	USA	APPARATUS AND METHOD FOR FORMING BARBED SUTURES	61/006773		
Angiotech Pharmaceuticals, Inc.	USA	APPARATUS AND METHOD FOR FORMING SELF-RETAINING SUTURES	12/363582		
Angiotech Pharmaceuticals, Inc.	USA	APPARATUS AND METHOD FOR FORMING SELF-RETAINING SUTURES	PCT/US2009/03269 3		
Angiotech Pharmaceuticals, Inc.	USA	BIOCOMPATIBLE CROSSLINKED HYDROGELS AND METHODS OF USING THE SAME	61/046920		
Angiotech Pharmaceuticals, Inc.	USA	BIOCOMPATIBLE CROSSLINKED HYDROGELS WITH PHARMACEUTICALS AND METHODS OF USING THE SAME	61/046954		
Angiotech Pharmaceuticals, Inc.	USA	COATINGS FOR MODIFYING MONOFILAMENT AND MULTI-FILAMENTS SELF-RETAINING SUTURES	12/263083		
Angiotech Pharmaceuticals, Inc.	USA	CODED HETEROFUNCTIONAL SUTURES AND METHODS	61/053912		
Angiotech Pharmaceuticals, Inc.	Canada	COMBINATION OF PACLITAXEL AND A POLYMER	2472373		

Owner	Country	Inventor	App. No.	Pat. No.	Issue Dt.
Angiotech Pharmaceuticals, Inc.	Patent Cooperation Treaty	COMBINING SYNTHETIC, NATURAL POLYMERS AND RECOMBINANT POLYMERS TO FORM MONOFILAMENT AND MULTIFILAMENT SELF-RETAINING SUTURES	PCT/US2008/08200 9		
Angiotech Pharmaceuticals, Inc.	Patent Cooperation Treaty	COMPOSITE DRUG DELIVERY SYSTEM	PCT/US2007/02005 9		
Angiotech Pharmaceuticals, Inc.	USA	COMPOSITE SELF-RETAINING SUTURES AND METHOD	61/015489		
Angiotech Pharmaceuticals, Inc.	Canada	COMPOSITIONS AND METHODS FOR TREATING INFLAMMATORY CONDITIONS UTILIZING PROTEIN OR POLYSACCHARIDE CONTAINING ANTI-MICROTUBULE AGENTS	2445763		
Angiotech Pharmaceuticals, Inc.	Japan	COMPOSITIONS AND METHODS FOR TREATING INFLAMMATORY CONDITIONS UTILIZING PROTEIN OR POLYSACCHARIDE CONTAINING ANTI-MICROTUBULE AGENTS	2002-584909		
Angiotech Pharmaceuticals, Inc./The University of British Columbia	Norway	COMPOSITIONS AND METHODS FOR TREATING OR PREVENTING DISEASE OF BODY PASSAGEWAYS	19985463	319946	3-Oct-2005
Angiotech Pharmaceuticals, Inc./The University of British Columbia	Australia	COMPOSITIONS AND METHODS FOR TREATING OR PREVENTING DISEASES OF BODY PASSAGEWAYS	2004202838	2004202838	11-Sep-2008
Angiotech Pharmaceuticals, Inc./The University of British Columbia	Australia	COMPOSITIONS AND METHODS FOR TREATING OR PREVENTING DISEASES OF BODY PASSAGEWAYS	27604/97	737078	22-Nov-2001
Angiotech Pharmaceuticals, Inc./The University of British Columbia	Australia	COMPOSITIONS AND METHODS FOR TREATING OR PREVENTING DISEASES OF BODY PASSAGEWAYS	51987/01	775787	20-Jan-2005
Angiotech Pharmaceuticals, Inc./The University of British Columbia	Austria	COMPOSITIONS AND METHODS FOR TREATING OR PREVENTING DISEASES OF BODY PASSAGEWAYS	97921563.9	0914102	24-Aug-2005
Angiotech Pharmaceuticals, Inc./The University of British Columbia	Canada	COMPOSITIONS AND METHODS FOR TREATING OR PREVENTING DISEASES OF BODY PASSAGEWAYS	2255891	2255891	4-Dec-2007

PATENT SECURITY AGREEMENT

Owner	Country	Invt Title	App No.	Pat No.	Issue Dt.
Angiotech Pharmaceuticals, Inc./The University of British Columbia	Hong Kong	COMPOSITIONS AND METHODS FOR TREATING OR PREVENTING DISEASES OF BODY PASSAGEWAYS	99105188.3	1020007	13-Jan-2006
Angiotech Pharmaceuticals, Inc./The University of British Columbia	Mexico	COMPOSITIONS AND METHODS FOR TREATING OR PREVENTING DISEASES OF BODY PASSAGEWAYS	1998/009793	226325	15-Feb-2005
Angiotech Pharmaceuticals, Inc./The University of British Columbia	New Zealand	COMPOSITIONS AND METHODS FOR TREATING OR PREVENTING DISEASES OF BODY PASSAGEWAYS	548940	548940	14-Aug-2008
Angiotech Pharmaceuticals, Inc./The University of British Columbia	New Zealand	COMPOSITIONS AND METHODS FOR TREATING OR PREVENTING DISEASES OF BODY PASSAGEWAYS	505584	505584	5-Aug-2002
Angiotech Pharmaceuticals, Inc./The University of British Columbia	New Zealand	COMPOSITIONS AND METHODS FOR TREATING OR PREVENTING DISEASES OF BODY PASSAGEWAYS	517544	517544	9-Feb-2004
Angiotech Pharmaceuticals, Inc./The University of British Columbia	New Zealand	COMPOSITIONS AND METHODS FOR TREATING OR PREVENTING DISEASES OF BODY PASSAGEWAYS	527950	527950	11-Aug-2005
Angiotech Pharmaceuticals, Inc./The University of British Columbia	New Zealand	COMPOSITIONS AND METHODS FOR TREATING OR PREVENTING DISEASES OF BODY PASSAGEWAYS	538543	538543	8-Feb-2007
Angiotech Pharmaceuticals, Inc./The University of British Columbia	Portugal	COMPOSITIONS AND METHODS FOR TREATING OR PREVENTING DISEASES OF BODY PASSAGEWAYS	97921563.9	914102	24-Aug-05
Angiotech Pharmaceuticals, Inc./The University of British Columbia	USA	COMPOSITIONS AND METHODS FOR TREATING OR PREVENTING DISEASES OF BODY PASSAGEWAYS	09/933652	6759431	6-Jul-2004
Angiotech Pharmaceuticals, Inc.	France	COMPOSITIONS AND METHODS FOR TREATING OR PREVENTING INFLAMMATORY DISEASES	97945697.7	0941089	16-May-2001
Angiotech Pharmaceuticals, Inc.	Hong Kong	COMPOSITIONS AND METHODS FOR TREATING OR PREVENTING INFLAMMATORY DISEASES	101207.7	1022270	10-May-2002
Angiotech Pharmaceuticals, Inc.	Hong Kong	COMPOSITIONS AND METHODS FOR TREATING OR PREVENTING INFLAMMATORY DISEASES	01104006.3		
Angiotech Pharmaceuticals, Inc.	Ireland	COMPOSITIONS AND METHODS FOR TREATING OR PREVENTING INFLAMMATORY DISEASES	97945697.7	0941089	16-May-2001
Angiotech Pharmaceuticals, Inc.	Japan	COMPOSITIONS AND METHODS FOR TREATING OR PREVENTING INFLAMMATORY DISEASES	2001-401899		

PATENT SECURITY AGREEMENT

Owner	Country	Inv Title	App No.	Pat No.	Issue Dt.
Angiotech Pharmaceuticals, Inc.	Mexico	COMPOSITIONS AND METHODS FOR TREATING OR PREVENTING INFLAMMATORY DISEASES	2003/010102	251239	6-Nov-2007
Angiotech Pharmaceuticals, Inc.	Mexico	COMPOSITIONS AND METHODS FOR TREATING OR PREVENTING INFLAMMATORY DISEASES	MX/a/2007/011808		
Angiotech Pharmaceuticals, Inc.	Monaco	COMPOSITIONS AND METHODS FOR TREATING OR PREVENTING INFLAMMATORY DISEASES	97945697.7	0941089	16-May-2001
Angiotech Pharmaceuticals, Inc.	New Zealand	COMPOSITIONS AND METHODS FOR TREATING OR PREVENTING INFLAMMATORY DISEASES	512097	512097	8-Sep-2005
Angiotech Pharmaceuticals, Inc.	New Zealand	COMPOSITIONS AND METHODS FOR TREATING OR PREVENTING INFLAMMATORY DISEASES	538260	538260	10-Jan-2008
Angiotech Pharmaceuticals, Inc.	New Zealand	COMPOSITIONS AND METHODS FOR TREATING OR PREVENTING INFLAMMATORY DISEASES	547206	547206	3-Apr-2008
Angiotech Pharmaceuticals, Inc.	New Zealand	COMPOSITIONS AND METHODS FOR TREATING OR PREVENTING INFLAMMATORY DISEASES	552215	552215	14-Aug-2008
Angiotech Pharmaceuticals, Inc.	Norway	COMPOSITIONS AND METHODS FOR TREATING OR PREVENTING INFLAMMATORY DISEASES	2006 3667		
Angiotech Pharmaceuticals, Inc.	Portugal	COMPOSITIONS AND METHODS FOR TREATING OR PREVENTING INFLAMMATORY DISEASES	97945697.7	0941089	16-May-2001
Angiotech Pharmaceuticals, Inc.	Russian Federation	COMPOSITIONS AND METHODS FOR TREATING OR PREVENTING INFLAMMATORY DISEASES	99114020	2242974	27-Dec-2004
Angiotech Pharmaceuticals, Inc.	Russian Federation	COMPOSITIONS AND METHODS FOR TREATING OR PREVENTING INFLAMMATORY DISEASES	2004126705		
Angiotech Pharmaceuticals, Inc.	Sweden	COMPOSITIONS AND METHODS FOR TREATING OR PREVENTING INFLAMMATORY DISEASES	97945697.7	0941089	16-May-2001
Angiotech Pharmaceuticals, Inc.	Taiwan	COMPOSITIONS AND METHODS FOR TREATING OR PREVENTING INFLAMMATORY DISEASES	86118104	N190397	21-Nov-2003
Angiotech Pharmaceuticals, Inc.	Vanuatu	COMPOSITIONS AND METHODS FOR TREATING OR PREVENTING INFLAMMATORY DISEASES	941089	22016	18-Mar-2002
Angiotech Pharmaceuticals, Inc.	Patent Cooperation Treaty	IN VIVO INFLATABLE STRUCTURES, FOR EXAMPLE TO EXPAND STENTS	PCT/US2008/08270 0		
Angiotech Pharmaceuticals, Inc.	USA	LOOPED AND MULTIPLE STRAND SELF-RETAINING SUTURES	61/015561		
Angiotech Pharmaceuticals, Inc.	USA	LOOPED SELF-RETAINING SUTURES	61/015558		
Angiotech Pharmaceuticals, Inc.	Patent Cooperation Treaty	MEDICAL IMPLANTS WITH A COMBINATION OF COMPOUNDS	PCT/CA2007/00226 7		

PATENT SECURITY AGREEMENT

Owner	Country	Inventor	App. No.	Pat. No.	Issue Dt.
Angiotech Pharmaceuticals, Inc.	USA	METHOD AND APPARATUS FOR ELEVATING RETAINERS ON SELF-RETAINING SUTURES	61/030423		
Angiotech Pharmaceuticals, Inc./The University of British Columbia	Hong Kong	METHOD OF MANUFACTURING A STENT COMPRISING AN ANTI-ANGIOGENIC COMPOSITION	06110187.6		
Angiotech Pharmaceuticals, Inc.	USA	METHOD OF MANUFACTURING AND TESTING MONOFILAMENT AND MULTI-FILAMENTS SELF-RETAINING SUTURES	12/262953		
Angiotech Pharmaceuticals, Inc.	Canada	MICELLAR DRUG DELIVERY VEHICLES AND PRECURSORS THEREOF AND USES THEREOF	2440935		
Angiotech Pharmaceuticals, Inc.	USA	MINIMALLY-INVASIVE MASTOPLASTY PROCEDURE USING MULTIPLE BARBED SUTURES AND APPARATUS	11/829535		
Angiotech Pharmaceuticals, Inc.	USA	RECOMBINANT EXPRESSED BIOABSORBABLE POLYHYDROXYALKONATE MONOFILAMENT AND MULTI-FILAMENTS SELF-RETAINING SUTURES	12/263119		
Angiotech Pharmaceuticals, Inc.	USA	SELF-RETAINERS WITH SUPPORTING STRUCTURES ON A SUTURE	61/031274		
Angiotech Pharmaceuticals, Inc.	USA	SELF-RETAINING SUTURE WITH ADHERENT RETAINER SURFACES AND METHODS	61/043535		
Angiotech Pharmaceuticals, Inc.	USA	SELF-RETAINING SUTURE WITH VARIABLE DIMENSION FILAMENT AND METHOD	61/031579		
Angiotech Pharmaceuticals, Inc.	Patent Cooperation Treaty	SELF-RETAINING SUTURES INCLUDING TISSUE RETAINERS HAVING IMPROVED STRENGTH	PCT/US2008/07781 3		
Angiotech Pharmaceuticals, Inc.	USA	SELF-RETAINING SUTURES WITH BI-DIRECTIONAL RETAINERS AND UNI-DIRECTIONAL RETAINERS	61/045075		
Angiotech Pharmaceuticals, Inc.	USA	SELF-RETAINING SUTURES WITH HEAT-CONTACT MEDIATED RETAINERS	61/015143		
Angiotech Pharmaceuticals, Inc.	USA	SELF-RETAINING SUTURES WITH PREFORMED RETAINERS	61/030396		
Angiotech Pharmaceuticals, Inc.	USA	SELF-RETAINING SUTURES WITH RETAINERS FORMED FROM MOLTEN MATERIAL	61/015156		
Angiotech Pharmaceuticals, Inc.	USA	SELF-RETAINING SUTURES WITH RETAINERS LIFTED USING ELECTROSTATIC FORCE	61/030391		

PATENT SECURITY AGREEMENT

Owner	Country	Inv Title	App No	Pat No	Issue Dt.
Angiotech Pharmaceuticals, Inc.	Patent Cooperation Treaty	SELF-RETAINING SYSTEMS FOR SURGICAL PROCEDURES	PCT/US2008/06012 7		
Angiotech Pharmaceuticals, Inc.	USA	SELF-RETAINING SYSTEMS FOR SURGICAL PROCEDURES	12/101885		
Angiotech Pharmaceuticals, Inc.	USA	SELF-RETAINING SYSTEMS FOR SURGICAL PROCEDURES	12/062214		
Angiotech Pharmaceuticals, Inc.	USA	SELF-RETAINING SYSTEMS FOR SURGICAL PROCEDURES	12/062256		
Angiotech Pharmaceuticals, Inc.	USA	SHAPE-MEMORY SELF-RETAINING SUTURE, METHODS OF MANUFACTURE, AND METHODS OF USE	61/047682		
Angiotech Pharmaceuticals, Inc.	USA	SHEATH FOR INTRAVASCULAR INFLATABLE STRUCTURES, FOR EXAMPLE TO EXPAND STENTS	12/266053		
Angiotech Pharmaceuticals, Inc./The University of British Columbia	Australia	STENT GRAFTS WITH BIOACTIVE COATINGS	18524/00	760901	4-Sep-2003
Angiotech Pharmaceuticals, Inc./The University of British Columbia	Austria	STENT GRAFTS WITH BIOACTIVE COATINGS	99962015.6	1140243	9-Apr-2003
Angiotech Pharmaceuticals, Inc./The University of British Columbia	Belgium	STENT GRAFTS WITH BIOACTIVE COATINGS	99962015.6	1140243	9-Apr-2003
Angiotech Pharmaceuticals, Inc./The University of British Columbia	China (Peoples Republic)	STENT GRAFTS WITH BIOACTIVE COATINGS	99815277.3	ZL 99815277.3	2-Apr-2008
Angiotech Pharmaceuticals, Inc./The University of British Columbia	Denmark	STENT GRAFTS WITH BIOACTIVE COATINGS	99962015.6	1140243	9-Apr-2003
Angiotech Pharmaceuticals, Inc./The University of British Columbia	Finland	STENT GRAFTS WITH BIOACTIVE COATINGS	99962015.6	1140243	9-Apr-2003
Angiotech Pharmaceuticals, Inc./The University of British Columbia	France	STENT GRAFTS WITH BIOACTIVE COATINGS	99962015.6	1140243	9-Apr-2003
Angiotech Pharmaceuticals, Inc./The University of British Columbia	Germany	STENT GRAFTS WITH BIOACTIVE COATINGS	99962015.6	1140243	9-Apr-2003
Angiotech Pharmaceuticals, Inc./The University of British Columbia	Greece	STENT GRAFTS WITH BIOACTIVE COATINGS	99962015.6	1140243	9-Apr-2003
Angiotech Pharmaceuticals, Inc./The University of British Columbia	Ireland	STENT GRAFTS WITH BIOACTIVE COATINGS	99962015.6	1140243	9-Apr-2003

PATENT SECURITY AGREEMENT

Owner	Country	Inv Title	App. No.	Pat. No.	Issue Dt.
Angiotech Pharmaceuticals, Inc./The University of British Columbia	Israel	STENT GRAFTS WITH BIOACTIVE COATINGS	143922	143922	13-Jun-2006
Angiotech Pharmaceuticals, Inc./The University of British Columbia	Israel	STENT GRAFTS WITH BIOACTIVE COATINGS	173240	173240	6-Sep-2008
Angiotech Pharmaceuticals, Inc./The University of British Columbia	Italy	STENT GRAFTS WITH BIOACTIVE COATINGS	99962015.6	1140243	9-Apr-2003
Angiotech Pharmaceuticals, Inc./The University of British Columbia	Mexico	STENT GRAFTS WITH BIOACTIVE COATINGS	2001/006747	231269	10-Oct-2005
Angiotech Pharmaceuticals, Inc./The University of British Columbia	Mexico	STENT GRAFTS WITH BIOACTIVE COATINGS	2005/010898	251926	28-Nov-2007
Angiotech Pharmaceuticals, Inc./The University of British Columbia	Netherlands	STENT GRAFTS WITH BIOACTIVE COATINGS	99962015.6	1140243	9-Apr-2003
Angiotech Pharmaceuticals, Inc./The University of British Columbia	New Zealand	STENT GRAFTS WITH BIOACTIVE COATINGS	512307	512307	9-Feb-2004
Angiotech Pharmaceuticals, Inc./The University of British Columbia	Norway	STENT GRAFTS WITH BIOACTIVE COATINGS	2001 3278	322549	23-Oct-2006
Angiotech Pharmaceuticals, Inc./The University of British Columbia	Portugal	STENT GRAFTS WITH BIOACTIVE COATINGS	99962015.6	1140243	9-Apr-2003
Angiotech Pharmaceuticals, Inc./The University of British Columbia	Russian Federation	STENT GRAFTS WITH BIOACTIVE COATINGS	2001121316	2242251	20-Dec-2004
Angiotech Pharmaceuticals, Inc./The University of British Columbia	South Korea	STENT GRAFTS WITH BIOACTIVE COATINGS	01-7008432	783299	10-Dec-2007
Angiotech Pharmaceuticals, Inc./The University of British Columbia	Spain	STENT GRAFTS WITH BIOACTIVE COATINGS	99962015.6	1140243	9-Apr-2003
Angiotech Pharmaceuticals, Inc./The University of British Columbia	Sweden	STENT GRAFTS WITH BIOACTIVE COATINGS	99962015.6	1140243	9-Apr-2003
Angiotech Pharmaceuticals, Inc./The University of British Columbia	Switzerland	STENT GRAFTS WITH BIOACTIVE COATINGS	99962015.6	1140243	9-Apr-2003
Angiotech Pharmaceuticals, Inc./The University of British Columbia	United Kingdom	STENT GRAFTS WITH BIOACTIVE COATINGS	99962015.6	1140243	9-Apr-2003
Angiotech Pharmaceuticals, Inc.	Patent Cooperation Treaty	SUTURE PACKAGING	PCT/US2008/06492 1		
Angiotech Pharmaceuticals, Inc.	Patent Cooperation Treaty	SUTURE PACKAGING AND METHODS RELATED THERETO	PCT/US2008/07584 9		

Owner	Country	Inventor	App. No.	Pat. No.	Issue Dt.
Angiotech Pharmaceuticals, Inc.	European Patent Convention	SUTURES AND ANTI-SCARRING AGENTS	07717157.7		
Angiotech Pharmaceuticals, Inc.	Patent Cooperation Treaty	SUTURES AND ANTI-SCARRING AGENTS	PCT/US2007/00271 4		
Angiotech Pharmaceuticals, Inc.	USA	SUTURES AND ANTI-SCARRING AGENTS	12/162572		
Angiotech Pharmaceuticals, Inc.	Canada	SUTURES AND FIBROSING AGENTS	2632871		
Angiotech Pharmaceuticals, Inc.	USA	SUTURES AND FIBROSING AGENTS	11/669097		
Angiotech Pharmaceuticals, Inc.	USA	TISSUE REACTIVE SUTURE SYSTEM AND METHOD OF USE	61/031624		
Angiotech Pharmaceuticals, Inc.	Patent Cooperation Treaty	SELF-RETAINING SUTURES WITH HEAT-CONTACT MEDIATED RETAINERS	PCT/US2008/087788		
Angiotech Pharmaceuticals, Inc.	USA	SELF-RETAINING SUTURES WITH RETAINERS FORMED FROM MOLTEN MATERIAL	12/340444		

Material Exclusive Patent Licenses

1. License Agreement between Angiotech Pharmaceuticals, Inc. and The University of British Columbia, dated November 5, 1997 (as amended)
2. License Agreement between Public Health Service (through the Office of Technology Transfer, National Institutes of Health) and Angiotech Pharmaceuticals, Inc., dated November 19, 1997 (as amended)