

PATENT ASSIGNMENT

Electronic Version v1.1
 Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	RELEASE BY SECURED PARTY
CONVEYING PARTY DATA	
Name	Execution Date
Deutsche Bank National Trust Company	04/12/2013
RECEIVING PARTY DATA	
Name:	Angiotech Pharmaceuticals, Inc.
Street Address:	355 Burrard Street, Suite 1100
City:	Vancouver, BC
State/Country:	CANADA
Postal Code:	V6C 2G8
Name:	American Medical Instruments Holdings, Inc.
Street Address:	355 Burrard Street, Suite 1100
Internal Address:	c/o Angiotech Pharmaceuticals, Inc.
City:	Vancouver, BC
State/Country:	CANADA
Postal Code:	V6C 2G8
Name:	Angiotech America, Inc.
Street Address:	355 Burrard Street, Suite 1100
Internal Address:	c/o Angiotech Pharmaceuticals, Inc.
City:	Vancouver, BC
State/Country:	CANADA
Postal Code:	V6C 2G8
Name:	Angiotech Biocoatings Corp.
Street Address:	355 Burrard Street, Suite 1100
Internal Address:	c/o Angiotech Pharmaceuticals, Inc.
City:	Vancouver, BC
State/Country:	CANADA
Postal Code:	V6C 2G8

PATENT

Name:	Angiotech Pharmaceuticals (US), Inc.
Street Address:	355 Burrard Street, Suite 1100
Internal Address:	c/o Angiotech Pharmaceuticals, Inc.
City:	Vancouver, BC
State/Country:	CANADA
Postal Code:	V6C 2G8

Name:	B.G. Sulzle, Inc.
Street Address:	355 Burrard Street, Suite 1100
Internal Address:	c/o Angiotech Pharmaceuticals, Inc.
City:	Vancouver, BC
State/Country:	CANADA
Postal Code:	V6C 2G8

Name:	Manan Medical Products, Inc.
Street Address:	355 Burrard Street, Suite 1100
Internal Address:	c/o Angiotech Pharmaceuticals, Inc.
City:	Vancouver, BC
State/Country:	CANADA
Postal Code:	V6C 2G8

Name:	Medical Device Technologies, Inc.
Street Address:	355 Burrard Street, Suite 1100
Internal Address:	c/o Angiotech Pharmaceuticals, Inc.
City:	Vancouver, BC
State/Country:	CANADA
Postal Code:	V6C 2G8

Name:	Quill Medical, Inc.
Street Address:	355 Burrard Street, Suite 1100
Internal Address:	c/o Angiotech Pharmaceuticals, Inc.
City:	Vancouver, BC
State/Country:	CANADA
Postal Code:	V6C 2G8

Name:	Surgical Specialties Corporation
Street Address:	355 Burrard Street, Suite 1100
Internal Address:	c/o Angiotech Pharmaceuticals, Inc.
City:	Vancouver, BC

State/Country:	CANADA
Postal Code:	V6C 2G8

Name:	Angiotech International Holdings Corp.
Street Address:	355 Burrard Street, Suite 1100
Internal Address:	c/o Angiotech Pharmaceuticals, Inc.
City:	Vancouver, BC
State/Country:	CANADA
Postal Code:	V6C 2G8

PROPERTY NUMBERS Total: 110

Property Type	Number
Patent Number:	7820193
Patent Number:	8221794
Patent Number:	6506411
Patent Number:	6544544
Patent Number:	5994341
Patent Number:	5716981
Patent Number:	5886026
Application Number:	12162572
Application Number:	12790609
PCT Number:	US2011032837
Application Number:	12765574
Patent Number:	6428978
Patent Number:	6413742
Patent Number:	6413737
Patent Number:	6111165
Patent Number:	5895833
Patent Number:	5962648
Patent Number:	5667839
Patent Number:	6653450
Patent Number:	6472171
Patent Number:	7490738
Patent Number:	7641075
Patent Number:	7273896
Patent Number:	5470911

Patent Number:	5476666
Patent Number:	5527856
Patent Number:	5550188
Patent Number:	5413791
Patent Number:	5523348
Patent Number:	5446091
Patent Number:	5543441
Patent Number:	5510121
Patent Number:	5550187
Patent Number:	5510418
Patent Number:	5475052
Patent Number:	7151135
Patent Number:	5807581
Patent Number:	5580923
Patent Number:	5616689
Patent Number:	6962979
Patent Number:	7129209
Patent Number:	5752974
Patent Number:	5756678
Patent Number:	6280727
Patent Number:	6096309
Patent Number:	6123687
Patent Number:	5997811
Patent Number:	5693341
Patent Number:	6482179
Application Number:	11575484
Application Number:	12910637
Patent Number:	6110484
Patent Number:	6277394
Patent Number:	5204382
Patent Number:	5352715
Application Number:	12428411
Patent Number:	5476101
Patent Number:	5507298
Patent Number:	7329227

	5730724
Patent Number:	6063037
Patent Number:	6095967
Patent Number:	6302852
Patent Number:	6312394
Patent Number:	6554778
Patent Number:	6673060
Patent Number:	7063672
Patent Number:	5425770
Patent Number:	6280474
Patent Number:	6083522
Patent Number:	7119062
Patent Number:	8080027
Application Number:	61646344
Application Number:	13047440
Patent Number:	6534693
Patent Number:	5752923
Patent Number:	6283925
Patent Number:	6106484
Patent Number:	6083176
Patent Number:	6110129
Patent Number:	6328701
Patent Number:	D403405
Patent Number:	6872185
Patent Number:	6908440
Patent Number:	6890309
Patent Number:	6709408
Patent Number:	6592608
Patent Number:	6994712
Patent Number:	6790185
Patent Number:	5630842
Patent Number:	5290918
Patent Number:	5506127
Patent Number:	6503527
Patent Number:	6086547

	5800412
Patent Number:	5997517
Patent Number:	6306176
Patent Number:	6110483
Patent Number:	6106473
Patent Number:	6610016
Patent Number:	7229413
Patent Number:	6368611
Patent Number:	6358557
Patent Number:	8101200
Application Number:	12828512
Patent Number:	7771468
Application Number:	12162556
Application Number:	12520814
Application Number:	13127220
Patent Number:	D654588

CORRESPONDENCE DATA

Fax Number: 3102037199
Correspondence will be sent via US Mail when the fax attempt is unsuccessful.
Phone: 310 277-1010
Email: rroy@irell.com, mcohen@irell.com
Correspondent Name: Ronnie Roy
Address Line 1: 1800 Avenue of the Stars, Suite 900
Address Line 4: Los Angeles, CALIFORNIA 90067

ATTORNEY DOCKET NUMBER:	161986-0005
NAME OF SUBMITTER:	Ronnie Roy
Signature:	/Ronnie Roy/
Date:	04/15/2013

Total Attachments: 28
source=Patent Release (US) (Second Lien)#page1.tif
source=Patent Release (US) (Second Lien)#page2.tif
source=Patent Release (US) (Second Lien)#page3.tif
source=Patent Release (US) (Second Lien)#page4.tif
source=Patent Release (US) (Second Lien)#page5.tif
source=Patent Release (US) (Second Lien)#page6.tif
source=Patent Release (US) (Second Lien)#page7.tif
source=Patent Release (US) (Second Lien)#page8.tif

source=Patent Release (US) (Second Lien)#page9.tif
source=Patent Release (US) (Second Lien)#page10.tif
source=Patent Release (US) (Second Lien)#page11.tif
source=Patent Release (US) (Second Lien)#page12.tif
source=Patent Release (US) (Second Lien)#page13.tif
source=Patent Release (US) (Second Lien)#page14.tif
source=Patent Release (US) (Second Lien)#page15.tif
source=Patent Release (US) (Second Lien)#page16.tif
source=Patent Release (US) (Second Lien)#page17.tif
source=Patent Release (US) (Second Lien)#page18.tif
source=Patent Release (US) (Second Lien)#page19.tif
source=Patent Release (US) (Second Lien)#page20.tif
source=Patent Release (US) (Second Lien)#page21.tif
source=Patent Release (US) (Second Lien)#page22.tif
source=Patent Release (US) (Second Lien)#page23.tif
source=Patent Release (US) (Second Lien)#page24.tif
source=Patent Release (US) (Second Lien)#page25.tif
source=Patent Release (US) (Second Lien)#page26.tif
source=Patent Release (US) (Second Lien)#page27.tif
source=Patent Release (US) (Second Lien)#page28.tif

RELEASE OF SECURITY INTERESTS – PATENTS

This RELEASE OF SECURITY INTERESTS – PATENTS (the "Release") is made and effective as of the date indicated below and is granted by Deutsche Bank National Trust Company, as the Agent ("Releasor"), in favor of the Releasees listed on Schedule I hereto (each a "Releasee" and collectively, the "Releasees").

WHEREAS, each Releasee entered into that certain Amended and Restated Second Lien Security Agreement, dated as of August 13, 2012 (as amended, restated, supplemented, modified, or otherwise changed from time to time) (the "Security Agreement"), in favor of Deutsche Bank National Trust Company, in its capacity as collateral agent and trustee for the FRN Noteholders and 9% Noteholders (together with its successors, "Agent"); and that certain Amended and Restated Patent Security Agreement, dated as of August 13, 2012 (the "Patent Security Agreement") in favor of Releasor, pursuant to which each Releasee granted to Releasor a continuing security interest in all of each Releasee's right, title and interest in, to and under the Collateral, including the Patent Collateral (as defined in the Patent Security Agreement);

WHEREAS, each Releasee has requested that Releasor release and discharge fully its security interests in and to the all of the Patent Collateral, including all registrations and applications therefor and all rights associated therewith; and

WHEREAS, Releasor is willing to release and discharge fully its security interests in and to the Patent Collateral.

NOW, THEREFORE, in consideration of and in exchange for good and valuable consideration, Releasor hereby agrees as follows:

1. Defined Terms. All capitalized terms used but not otherwise defined herein have the meanings give to them in the Patent Security Agreement.

2. Release of Patent Collateral. Releasor hereby, without any representation and warranty and without any recourse to Releasor, releases, relinquishes and discharges its security interests in the Patent Collateral including the items listed on Schedule II hereto.

3. Further Assurances. Releasor agrees that, following the date hereof and at Releasees' request, cost and expense, it will promptly execute and file, or cause to be filed, such further or other documents or instruments as are necessary or desirable to better evidence or otherwise further effect the foregoing release of its security interests in the Patent Collateral or any of them.

4. Miscellaneous

(a) Governing Law. The validity of this Release, the construction, interpretation, and enforcement hereof, and the rights of the parties hereto with respect to all matters arising hereunder or related hereto shall be determined under, governed by, and construed in accordance with the State of New York.

(b) Counterparts. This Release may be executed in any number of counterparts and by different parties hereto in separate counterparts, each of which shall be deemed to be an original, but all of which taken together shall constitute one and the same agreement. Delivery of an executed counterpart of this Release by telefacsimile or other electronic method of transmission shall be equally as effective as delivery of an original executed counterpart of this Release. Any party delivering an executed counterpart of this Release by telefacsimile or other electronic method of transmission also shall deliver an original executed counterpart of this Release but the failure to deliver an original executed counterpart shall not affect the validity, enforceability, and binding effect of this Release.

(c) Severability. Any provision of this Release which is prohibited or unenforceable shall be ineffective to the extent of such prohibition or unenforceability without invalidating the remaining provisions hereof in that jurisdiction or affecting the validity or enforceability of such provision in any other jurisdiction.


(d) Headings. Headings used in this Release are for convenience only and shall not be used in connection with the interpretation of any provision hereof.

[Remainder of page intentionally left blank.]

IN WITNESS WHEREOF, Releasor has caused this Release to be duly executed
by its officer thereunto duly authorized as of the 2nd day of April 2013

DEUTSCHE BANK NATIONAL TRUST COMPANY

By: 
Name: Dennis B. Gillespie
Title: Director

By: 
Name: Victoria Y. Douyon
Title: Vice President

[signature page to Release of Security Interests – Patents (US)]

SCHEDULE I

Releasees:

Name of Releasee	Jurisdiction of Incorporation
Angiotech Pharmaceuticals, Inc.	British Columbia
American Medical Instruments Holdings, Inc.	Delaware
Angiotech America, Inc.	Illinois
Angiotech Biocoatings Corp.	New York
Angiotech Pharmaceuticals (US), Inc.	Washington
B.G. Sulzle, Inc.	Delaware
Manan Medical Products, Inc.	Delaware
Medical Device Technologies, Inc.	Delaware
Quill Medical, Inc.	Delaware
Surgical Specialties Corporation	Delaware
Angiotech International Holdings Corp.	Nova Scotia

SCHEDULE II

Owner Name	Country	App Title	Status	App No	Pat No	Issue Dt
Angiotech Pharmaceuticals, Inc./University of B.C.	Australia	ANTI-ANGIOGENIC COMPOSITIONS AND METHODS OF USE	Granted	71192/94	693797	05-Nov-98
Angiotech Pharmaceuticals, Inc./University of B.C.	Australia	ANTI-ANGIOGENIC COMPOSITIONS AND METHODS OF USE	Granted	69911/98	728873	03-May-01
Angiotech Pharmaceuticals, Inc./University of B.C.	Australia	ANTI-ANGIOGENIC COMPOSITIONS AND METHODS OF USE	Granted	2007254682	2007254682	15-Sep-11
Angiotech Pharmaceuticals, Inc./University of B.C.	Australia	ANTI-ANGIOGENIC COMPOSITIONS AND METHODS OF USE	Pending	2011218716		
Angiotech Pharmaceuticals, Inc./University of B.C.	Austria	ANTI-ANGIOGENIC COMPOSITIONS AND METHODS OF USE	Granted	94920360.8	0706376	25-Jun-97
Angiotech Pharmaceuticals, Inc./University of B.C.	Belgium	ANTI-ANGIOGENIC COMPOSITIONS AND METHODS OF USE	Granted	94920360.8	0706376	25-Jun-97
Angiotech Pharmaceuticals, Inc./University of B.C.	Belgium	ANTI-ANGIOGENIC COMPOSITIONS AND METHODS OF USE	Granted	96119361.2	0797988	14-Jan-09
Angiotech Pharmaceuticals, Inc./University of B.C.	Canada	ANTI-ANGIOGENIC COMPOSITIONS AND METHODS OF USE	Granted	2167268	2167268	28-Sep-94
Angiotech Pharmaceuticals, Inc.	Canada	COMBINATION OF PACLITAXEL AND A POLYMER	Granted	2472373	2472373	13-Oct-09
Angiotech Pharmaceuticals, Inc./University of B.C.	China (People's Republic)	ANTI-ANGIOGENIC COMPOSITIONS AND METHODS OF USE	Granted	94193379.2	94193379.2	18-Feb-04
Angiotech Pharmaceuticals, Inc./University of B.C.	China (People's Republic)	ANTI-ANGIOGENIC COMPOSITIONS AND METHODS OF USE	Granted	200510082207.9	200510082207.9	18-Aug-10
Angiotech Pharmaceuticals,	Denmark	ANTI-ANGIOGENIC COMPOSITIONS AND METHODS	Granted	94920360.8	0706376	25-Jun-97

Owner Name	Country	AppTitle	Status	App No	Pat No	Issue Dt
Inc./University of B.C.		OF USE				
Angiotech Pharmaceuticals, Inc./University of B.C.	Denmark	ANTI-ANGIOGENIC COMPOSITIONS AND METHODS OF USE	Granted	96119361.2	0797988	14-Jan-09
Angiotech Pharmaceuticals, Inc./University of B.C.	European Patent Convention	ANTI-ANGIOGENIC COMPOSITIONS AND METHODS OF USE	Granted	05020791.9	1632259	21-Dec-11
Angiotech Pharmaceuticals, Inc./University of B.C.	European Patent Convention	ANTI-ANGIOGENIC COMPOSITIONS AND METHODS OF USE	Published	10153077.2		
Angiotech Pharmaceuticals, Inc./University of B.C.	France	ANTI-ANGIOGENIC COMPOSITIONS AND METHODS OF USE	Granted	94920360.8	0706376	25-Jun-97
Angiotech Pharmaceuticals, Inc./University of B.C.	France	ANTI-ANGIOGENIC COMPOSITIONS AND METHODS OF USE	Granted	96119361.2	0797988	14-Jan-09
Angiotech Pharmaceuticals, Inc./University of B.C.	Germany	ANTI-ANGIOGENIC COMPOSITIONS AND METHODS OF USE	Granted	94920360.8	0706376	25-Jun-97
Angiotech Pharmaceuticals, Inc./University of B.C.	Germany	ANTI-ANGIOGENIC COMPOSITIONS AND METHODS OF USE	Granted	96119361.2	0797988	14-Jan-09
Angiotech Pharmaceuticals, Inc./University of B.C.	Greece	ANTI-ANGIOGENIC COMPOSITIONS AND METHODS OF USE	Granted	94920360.8	0706376	25-Jun-97
Angiotech Pharmaceuticals, Inc./University of B.C.	Greece	ANTI-ANGIOGENIC COMPOSITIONS AND METHODS OF USE	Granted	96119361.2	0797988	14-Jan-09
Angiotech Pharmaceuticals, Inc./University of B.C.	Hong Kong	ANTI-ANGIOGENIC COMPOSITIONS AND METHODS OF USE	Granted	06102632.4	1079715	29-Oct-10
Angiotech Pharmaceuticals, Inc./University of B.C.	Hong Kong	ANTI-ANGIOGENIC COMPOSITIONS AND METHODS OF USE	Published	08100053.6		
Angiotech Pharmaceuticals, Inc./University of B.C.	Ireland	ANTI-ANGIOGENIC COMPOSITIONS AND METHODS OF USE	Granted	94920360.8	0706376	25-Jun-97

Owner Name	Country	AppTitle	Status	App No	Pat No	Issue Dt
Angiotech Pharmaceuticals, Inc./University of B.C.	Ireland	ANTI-ANGIOGENIC COMPOSITIONS AND METHODS OF USE	Granted	96119361.2	0797988	14-Jan-09
Angiotech Pharmaceuticals, Inc./University of B.C.	Italy	ANTI-ANGIOGENIC COMPOSITIONS AND METHODS OF USE	Granted	94920360.8	0706376	25-Jun-97
Angiotech Pharmaceuticals, Inc./University of B.C.	Italy	ANTI-ANGIOGENIC COMPOSITIONS AND METHODS OF USE	Granted	96119361.2	0797988	14-Jan-09
Angiotech Pharmaceuticals, Inc./University of B.C.	Japan	ANTI-ANGIOGENIC COMPOSITIONS AND METHODS OF USE	Granted	2002-66179	4476536	19-Mar-10
Angiotech Pharmaceuticals, Inc./University of B.C.	Japan	ANTI-ANGIOGENIC COMPOSITIONS AND METHODS OF USE	Granted	2006-239650	4920353	10-Feb-12
Angiotech Pharmaceuticals, Inc./University of B.C.	Japan	ANTI-ANGIOGENIC COMPOSITIONS AND METHODS OF USE	Granted	2006-331088	4597115	01-Oct-10
Angiotech Pharmaceuticals, Inc./University of B.C.	Korea, Republic of	A STENT FOR HOLDING OPEN THE LUMEN OF A BODY PASSAGEWAY AND A METHOD FOR MANUFACTURING THE SAME	Granted	10-1996-700266	389223	16-Jun-03
Angiotech Pharmaceuticals, Inc./University of B.C.	Korea, Republic of	ANTI-ANGIOGENIC COMPOSITIONS, A STENT COATED WITH THE ANTI-ANGIOGENIC COMPOSITIONS AND A METHOD FOR MANUFACTURING THE STENT	Granted	10-2002-7016338	10-0934111	18-Dec-09
Angiotech Pharmaceuticals, Inc./University of B.C.	Korea, Republic of	ANTI-ANGIOGENIC COMPOSITION, A STENT COATED WITH THE ANTI-ANGIOGENIC COMPOSITIONS AND A METHOD FOR MANUFACTURING THE STENT	Pending	10-2011-7007294		
Angiotech Pharmaceuticals, Inc./University of B.C.	Luxembourg	ANTI-ANGIOGENIC COMPOSITIONS AND METHODS OF USE	Granted	94920360.8	0706376	25-Jun-97

Owner Name	Country	AppTitle	Status	App No	Pat No	Issue Dt
Angiotech Pharmaceuticals, Inc./University of B.C.	Luxembourg	ANTI-ANGIOGENIC COMPOSITIONS AND METHODS OF USE	Granted	96119361.2	0797988	14-Jan-09
Angiotech Pharmaceuticals, Inc./University of B.C.	Monaco	ANTI-ANGIOGENIC COMPOSITIONS AND METHODS OF USE	Granted	94920360.8	0706376	25-Jun-97
Angiotech Pharmaceuticals, Inc./University of B.C.	Monaco	ANTI-ANGIOGENIC COMPOSITIONS AND METHODS OF USE	Granted	96119361.2	0797988	14-Jan-09
Angiotech Pharmaceuticals, Inc./University of B.C.	Netherlands	ANTI-ANGIOGENIC COMPOSITIONS AND METHODS OF USE	Granted	94920360.8	0706376	25-Jun-97
Angiotech Pharmaceuticals, Inc./University of B.C.	Netherlands	ANTI-ANGIOGENIC COMPOSITIONS AND METHODS OF USE	Granted	96119361.2	0797988	14-Jan-09
Angiotech Pharmaceuticals, Inc./University of B.C.	New Zealand	ANTI-ANGIOGENIC COMPOSITIONS AND METHODS OF USE	Granted	268326	268326	27-Apr-98
Angiotech Pharmaceuticals, Inc./University of B.C.	New Zealand	ANTI-ANGIOGENIC COMPOSITIONS AND METHODS OF USE	Granted	329193	329193	17-Dec-01
Angiotech Pharmaceuticals, Inc./University of B.C.	New Zealand	ANTI-ANGIOGENIC COMPOSITIONS AND METHODS OF USE	Granted	511762	511762	05-Jan-04
Angiotech Pharmaceuticals, Inc./University of B.C.	New Zealand	ANTI-ANGIOGENIC COMPOSITIONS AND METHODS OF USE	Granted	523799	523799	07-Jul-05
Angiotech Pharmaceuticals, Inc./University of B.C.	New Zealand	ANTI-ANGIOGENIC COMPOSITIONS AND METHODS OF USE	Granted	533467	533467	08-Jun-06
Angiotech Pharmaceuticals, Inc./University of B.C.	Norway	ANTI-ANGIOGENIC COMPOSITIONS AND METHODS OF USE	Granted	1996.0226	324275	17-Sep-07
Angiotech Pharmaceuticals, Inc./University of B.C.	Portugal	ANTI-ANGIOGENIC COMPOSITIONS AND METHODS OF USE	Granted	94920360.8	0706376	25-Jun-97
Angiotech Pharmaceuticals,	Portugal	ANTI-ANGIOGENIC COMPOSITIONS AND METHODS	Granted	96119361.2	0797988	14-Jan-09

Owner Name	Country	AppTitle	Status	App No	Pat No	Issue Dt
Inc./University of B.C.		OF USE				
Angiotech Pharmaceuticals, Inc./University of B.C.	Russian Federation	ANTI-ANGIOGENIC COMPOSITIONS AND METHODS OF USE	Granted	96105391	2180844	27-Mar-02
Angiotech Pharmaceuticals, Inc./University of B.C.	Russian Federation	ANTI-ANGIOGENIC COMPOSITIONS AND METHODS OF USE	Granted	2001132111	2304433	20-Aug-07
Angiotech Pharmaceuticals, Inc./University of B.C.	Spain	ANTI-ANGIOGENIC COMPOSITIONS AND METHODS OF USE	Granted	94920360.8	0706376	25-Jun-97
Angiotech Pharmaceuticals, Inc./University of B.C.	Spain	ANTI-ANGIOGENIC COMPOSITIONS AND METHODS OF USE	Granted	96119361.2	0797988	14-Jan-09
Angiotech Pharmaceuticals, Inc./University of B.C.	Sweden	ANTI-ANGIOGENIC COMPOSITIONS AND METHODS OF USE	Granted	94920360.8	0706376	25-Jun-97
Angiotech Pharmaceuticals, Inc./University of B.C.	Sweden	ANTI-ANGIOGENIC COMPOSITIONS AND METHODS OF USE	Granted	96119361.2	0797988	14-Jan-09
Angiotech Pharmaceuticals, Inc./University of B.C.	Switzerland	ANTI-ANGIOGENIC COMPOSITIONS AND METHODS OF USE	Granted	94920360.8	0706376	25-Jun-97
Angiotech Pharmaceuticals, Inc./University of B.C.	Switzerland	ANTI-ANGIOGENIC COMPOSITIONS AND METHODS OF USE	Granted	96119361.2	0797988	14-Jan-09
Angiotech Pharmaceuticals, Inc./University of B.C.	United Kingdom	ANTI-ANGIOGENIC COMPOSITIONS AND METHODS OF USE	Granted	94920360.8	0706376	25-Jun-97
Angiotech Pharmaceuticals, Inc./University of B.C.	United Kingdom	ANTI-ANGIOGENIC COMPOSITIONS AND METHODS OF USE	Granted	96119361.2	0797988	14-Jan-09
Angiotech Pharmaceuticals, Inc.	United States of America	ANTI-ANGIOGENIC COMPOSITIONS AND METHODS OF USE	Granted	10/959349	7820193	26-Oct-10
Angiotech Pharmaceuticals, Inc.	United States of America	ANTI-ANGIOGENIC COMPOSITIONS AND METHODS OF USE	Granted	12/716854	8221794	17-Jul-12

Owner Name	Country	AppTitle	Status	App No	Pat No	Issue Dt
Angiotech Pharmaceuticals, Inc.	United States of America	ANTI-ANGIOGENIC COMPOSITIONS AND METHODS OF USE	Mailed			
Angiotech Pharmaceuticals, Inc.	United States of America	ANTI-ANGIOGENIC COMPOSITIONS AND METHODS OF USE	Granted	09/294458	6506411	14-Jan-03
Angiotech Pharmaceuticals, Inc.	United States of America	ANTI-ANGIOGENIC COMPOSITIONS AND METHODS OF USE	Granted	09/925220	6544544	08-Apr-03
Angiotech Pharmaceuticals, Inc.	United States of America	ANTI-ANGIOGENIC COMPOSITIONS AND METHODS FOR THE TREATMENT OF ARTHRITIS	Granted	08/478914	5994341	30-Nov-99
Angiotech Pharmaceuticals, Inc.	United States of America	ANTI-ANGIOGENIC COMPOSITIONS AND METHODS OF USE	Granted	08/478203	5716981	10-Feb-98
Angiotech Pharmaceuticals, Inc.	United States of America	ANTI-ANGIOGENIC COMPOSITIONS AND METHODS OF USE	Granted	08/472413	5886026	23-Mar-99
Angiotech Pharmaceuticals, Inc.	New Zealand	COMPOSITIONS AND METHODS FOR TREATING OR PREVENTING INFLAMMATORY DISEASES	Granted	538260	538260	10-Jan-08
Angiotech Pharmaceuticals, Inc.	New Zealand	COMPOSITIONS AND METHODS FOR TREATING OR PREVENTING INFLAMMATORY DISEASES	Granted	547206	547206	03-Apr-08
Angiotech Pharmaceuticals, Inc.	New Zealand	COMPOSITIONS AND METHODS FOR TREATING OR PREVENTING INFLAMMATORY DISEASES	Granted	552215	552215	14-Aug-08
Angiotech Pharmaceuticals, Inc.	Russian Federation	COMPOSITIONS AND METHODS FOR TREATING OR PREVENTING INFLAMMATORY DISEASES	Granted	99114020	2242974	27-Dec-04
Angiotech Pharmaceuticals, Inc.	Taiwan	COMPOSITIONS AND METHODS FOR TREATING OR PREVENTING INFLAMMATORY DISEASES	Granted	86118104	N190397	21-Nov-03
Angiotech Pharmaceuticals, Inc.	United States of America	SUTURES AND ANTI-SCARRING AGENTS	Published	12/162572		

Owner Name	Country	AppTitle	Status	App No	Pat No	Issue Dt
Angiotech Pharmaceuticals, Inc.	Australia	BIOPSY DEVICE NEEDLE SET	Pending	2010253929		
Angiotech Pharmaceuticals, Inc.	Brazil	BIOPSY DEVICE NEEDLE SET	Pending			
Angiotech Pharmaceuticals, Inc.	China (People's Republic)	BIOPSY DEVICE NEEDLE SET	Pending	201080030146.0		
Angiotech Pharmaceuticals, Inc.	Costa Rica	BIOPSY DEVICE NEEDLE SET	Pending			
Angiotech Pharmaceuticals, Inc.	European Patent Convention	BIOPSY DEVICE NEEDLE SET	Published	10781364.4		
Angiotech Pharmaceuticals, Inc.	India	BIOPSY DEVICE NEEDLE SET	Pending	9696/CHENP/2011		
Angiotech Pharmaceuticals, Inc.	Japan	BIOPSY DEVICE NEEDLE SET	Pending	2012-513348		
Angiotech Pharmaceuticals, Inc.	Korea, Republic of	BIOPSY DEVICE NEEDLE SET	Pending	10-2011-7031261		
Angiotech Pharmaceuticals, Inc.	Mexico	BIOPSY DEVICE NEEDLE SET	Pending	MX/a/2011/012580		
Angiotech Pharmaceuticals, Inc.	Singapore	BIOPSY DEVICE NEEDLE SET	Pending	201108744-2		
Angiotech Pharmaceuticals, Inc.	United States of America	BIOPSY DEVICE NEEDLE SET	Published	12/790609		
Medical Device Technologies, Inc.	Patent Cooperation Treaty	SNARE	Published	PCT/US2011/032837		
Medical Device Technologies, Inc.	United States of America	SNARE	Published	12/765574		
Medical Device Technologies, Inc.	European Community	SNARE	Granted	001770876	001770876-001/0003	23-Dec-10
Medical Device Technologies, Inc.	United States of America	SNARE	Granted	29/360266	D654588	21-Feb-12
Angiotech Pharmaceuticals (US), Inc.	United States of America	METHODS FOR THE PRODUCTION OF GELATIN AND FULL-LENGTH TRIPLE HELICAL COLLAGEN IN RECOMBINANT CELLS	Granted	09/289578	6428978	06-Aug-02

Owner Name	Country	AppTitle	Status	App No	Pat No	Issue Dt
Angiotech Pharmaceuticals (US), Inc.	United States of America	RECOMBINANT GELATIN AND FULL-LENGTH TRIPLE HELICAL COLLAGEN	Granted	09/585887	6413742	02-Jul-02
Angiotech Pharmaceuticals (US), Inc.	United States of America	ECARIN PROTHROMBIN PROTEASE AND METHODS	Granted	09/608790	6413737	02-Jul-02
Angiotech Pharmaceuticals (US), Inc.	United States of America	PRODUCTION OF HUMAN RECOMBINANT COLLAGEN IN THE MILK OF TRANSGENIC ANIMALS	Granted	09/232740	6111165	29-Aug-00
Angiotech Pharmaceuticals (US), Inc.	United States of America	PRODUCTION OF HUMAN RECOMBINANT COLLAGEN IN THE MILK OF TRANSGENIC ANIMALS	Granted	08/485194	5895833	20-Apr-99
Angiotech Pharmaceuticals (US), Inc.	United States of America	PRODUCTION OF HUMAN RECOMBINANT COLLAGEN IN THE MILK OF TRANSGENIC ANIMALS	Granted	08/473465	5962648	05-Oct-99
Angiotech Pharmaceuticals (US), Inc.	United States of America	PRODUCTION OF HUMAN RECOMBINANT COLLAGEN IN THE MILK OF TRANSGENIC ANIMALS	Granted	08/183648	5667839	16-Sep-97
Angiotech Pharmaceuticals (US), Inc.	United States of America	MUTATED RECOMBINANT COLLAGENS	Granted	08/278774	6653450	25-Nov-03
Angiotech Pharmaceuticals (US), Inc.	United States of America	EXPRESSION OF PROCOLLAGEN IN YEAST	Granted	09/120561	6472171	29-Oct-02
Angiotech Pharmaceuticals (US), Inc.	European Patent Convention	MIXING AND DISPENSING FLUID COMPONENTS OF A MULTICOMPONENT COMPOSITION	Published	05814903.0		
Angiotech Pharmaceuticals (US), Inc.	United States of America	MIXING AND DISPENSING FLUID COMPONENTS OF A MULTICOMPONENT COMPOSITION	Granted	10/957493	7490738	17-Feb-09
Angiotech Pharmaceuticals (US), Inc.	United States of America	MIXING AND DISPENSING FLUID COMPONENTS OF A MULTICOMPONENT COMPOSITION	Granted	12/194523	7641075	05-Jan-10
Angiotech Pharmaceuticals (US), Inc.	United States of America	COMPOSITIONS AND METHODS OF USING A TRANSIENT COLORANT	Granted	10/412710	7273896	25-Sep-07

Owner Name	Country	AppTitle	Status	App No	Pat No	Issue Dt
Angiotech Pharmaceuticals (US), Inc.	Australia	COLLAGEN-SYNTHETIC POLYMER MATRICES PREPARED USING A MULTIPLE STEP REACTION	Granted	15075/95	698233	29-Oct-98
Angiotech Pharmaceuticals (US), Inc.	France	COLLAGEN-SYNTHETIC POLYMER MATRICES PREPARED USING A MULTIPLE STEP REACTION	Granted	95103895.9	0680990	18-Oct-00
Angiotech Pharmaceuticals (US), Inc.	Germany	COLLAGEN-SYNTHETIC POLYMER MATRICES PREPARED USING A MULTIPLE STEP REACTION	Granted	95103895.9	0680990	18-Oct-00
Angiotech Pharmaceuticals (US), Inc.	Japan	COLLAGEN-POLYMER CONJUGATES	Published	2005209324		
Angiotech BioMaterials Corp.	Japan	COLLAGEN-SYNTHETIC POLYMER MATRICES PREPARED USING A MULTIPLE STEP REACTION	Granted	200679819	4213723	07-Nov-08
Angiotech Pharmaceuticals (US), Inc.	United Kingdom	COLLAGEN-SYNTHETIC POLYMER MATRICES PREPARED USING A MULTIPLE STEP REACTION	Granted	95103895.9	0680990	18-Oct-00
Angiotech Pharmaceuticals (US), Inc.	United States of America	GLYCOSAMINOGLYCAN-SYNTHETIC POLYMER CONJUGATES	Granted	08/433656	5470911	28-Nov-95
Angiotech Pharmaceuticals (US), Inc.	United States of America	GLYCOSAMINOGLYCAN-SYNTHETIC POLYMER CONJUGATES	Granted	08/434725	5476666	19-Dec-95
Angiotech Pharmaceuticals (US), Inc.	United States of America	METHOD OF PREPARING CROSSLINKED BIOMATERIAL COMPOSITIONS FOR USE IN TISSUE AUGMENTATION	Granted	08/440274	5527856	18-Jun-96
Angiotech Pharmaceuticals (US), Inc.	United States of America	POLYMER CONJUGATES OPHTHALMIC DEVICES COMPRISING COLLAGEN-POLYMER CONJUGATES	Granted	08/478510	5550188	27-Aug-96
Angiotech Pharmaceuticals (US), Inc.	United States of America	COLLAGEN-POLYMER CONJUGATES	Granted	08/198128	5413791	09-May-95
Angiotech Pharmaceuticals (US), Inc.	United States of America	METHOD OF PREPARING COLLAGEN-POLYMER CONJUGATES	Granted	08/292415	5523348	04-Jun-96

Owner Name	Country	AppTitle	Status	App No	Pat No	Issue Dt
Angiotech Pharmaceuticals (US), Inc.	United States of America	COLLAGEN-POLYMER CONJUGATES CONTAINING AN ETHER LINKAGE	Granted	08/368874	5446091	29-Aug-95
Angiotech Pharmaceuticals (US), Inc.	United States of America	IMPLANTS COATED WITH COLLAGEN-POLYMER CONJUGATES	Granted	08/427576	5543441	06-Aug-96
Angiotech Pharmaceuticals (US), Inc.	United States of America	GLYCOSAMINOGLYCAN-SYNTHETIC POLYMER CONJUGATES	Granted	08/434958	5510121	23-Apr-96
Angiotech Pharmaceuticals (US), Inc.	United States of America	METHOD OF PREPARING CROSSLINKED BIOMATERIAL COMPOSITIONS FOR USE IN TISSUE AUGMENTATION	Granted	08/287549	5550187	27-Aug-96
Angiotech Pharmaceuticals (US), Inc.	United States of America	GLYCOSAMINOGLYCAN-SYNTHETIC POLYMER CONJUGATES	Granted	08/146843	5510418	23-Apr-96
Angiotech Pharmaceuticals (US), Inc.	United States of America	COLLAGEN-SYNTHETIC POLYMER MATRICES PREPARED USING A MULTIPLE STEP REACTION	Granted	08/236769	5475052	12-Dec-95
Angiotech Pharmaceuticals (US), Inc.	United States of America	CROSSLINKED POLYMER COMPOSITIONS	Granted	11/078254	7151135	19-Dec-06
Angiotech Pharmaceuticals (US), Inc.	Australia	COLLAGEN-BASED INJECTABLE DRUG DELIVERY SYSTEM AND ITS USE	Granted	10295/95	701743	20-May-99
Angiotech Pharmaceuticals (US), Inc.	Canada	COLLAGEN-BASED INJECTABLE DRUG DELIVERY SYSTEM AND ITS USE	Granted	2140053	2140053	04-Apr-00
Angiotech Pharmaceuticals (US), Inc.	France	COLLAGEN-BASED INJECTABLE DRUG DELIVERY SYSTEM AND ITS USE	Granted	95101589.0	0671165	11-Apr-01
Angiotech Pharmaceuticals (US), Inc.	Germany	COLLAGEN-BASED INJECTABLE DRUG DELIVERY SYSTEM AND ITS USE	Granted	95101589.0	0671165	11-Apr-01
Angiotech Pharmaceuticals (US), Inc.	United Kingdom	COLLAGEN-BASED INJECTABLE DRUG DELIVERY SYSTEM AND ITS USE	Granted	95101589.0	0671165	11-Apr-01

Owner Name	Country	AppTitle	Status	App No	Pat No	Issue Dt
Angiotech Pharmaceuticals (US), Inc.	United States of America	COLLAGEN-BASED INJECTABLE DRUG DELIVERY SYSTEM AND ITS USE	Granted	08/537073	5807581	15-Sep-98
Angiotech Pharmaceuticals (US), Inc.	Canada	ANTI-ADHESION FILMS AND COMPOSITIONS FOR MEDICAL USE	Granted	2165740	2165740	03-Aug-04
Angiotech Pharmaceuticals (US), Inc.	France	ANTI-ADHESION FILMS AND COMPOSITIONS FOR MEDICAL USE	Granted	96102339.7	0732110	24-Oct-01
Angiotech Pharmaceuticals (US), Inc.	Germany	ANTI-ADHESION FILMS AND COMPOSITIONS FOR MEDICAL USE	Granted	96102339.7	0732110	24-Oct-01
Angiotech Pharmaceuticals (US), Inc.	Japan	ANTI-ADHESION FILMS AND COMPOSITIONS FOR MEDICAL USE	Granted	8-58139	4027445	19-Oct-07
Angiotech Pharmaceuticals (US), Inc.	United Kingdom	ANTI-ADHESION FILMS AND COMPOSITIONS FOR MEDICAL USE	Granted	96102339.7	0732110	24-Oct-01
Angiotech Pharmaceuticals (US), Inc.	United States of America	ANTI-ADHESION FILMS AND COMPOSITIONS FOR MEDICAL USE	Granted	08/403360	5580923	03-Dec-96
Angiotech Pharmaceuticals (US), Inc.	United States of America	METHOD OF CONTROLLING STRUCTURE STABILITY OF COLLAGEN FIBERS PRODUCED FROM SOLUTIONS OR DISPERSIONS TREATED WITH SODIUM HYDROXIDE FOR INFECTIOUS AGENT DEACTIVATION	Granted	08/274673	5616689	01-Apr-97
Angiotech Pharmaceuticals (US), Inc.	United States of America	CROSSLINKABLE BIOMATERIAL COMPOSITIONS CONTAINING HYDROPHOBIC AND HYDROPHILIC CROSSLINKING	Granted	09/344230	6962979	08-Nov-05
Angiotech Pharmaceuticals (US), Inc.	United States of America	USE OF HYDROPHOBIC CROSSLINKING AGENTS TO PREPARE CROSSLINKED BIOMATERIAL COMPOSITIONS	Granted	10/448246	7129209	31-Oct-06

Owner Name	Country	AppTitle	Status	App No	Pat No	Issue Dt
Angiotech Pharmaceuticals (US), Inc.	Australia	INJECTABLE OR IMPLANTABLE BIOMATERIALS FOR FILLING OR BLOCKING LUMENS AND VOIDS OF THE BODY	Granted	13473/97	708320	11-Nov-99
Angiotech Pharmaceuticals (US), Inc.	United States of America	INJECTABLE OR IMPLANTABLE BIOMATERIALS FOR FILLING OR BLOCKING LUMENS AND VOIDS OF THE BODY	Granted	08/574050	5752974	19-May-98
Angiotech Pharmaceuticals (US), Inc.	United States of America	PRION INACTIVATION IN CONNECTIVE TISSUE MATERIALS	Granted	08/431950	5756678	26-May-98
Angiotech Pharmaceuticals (US), Inc.	Canada	COMPOSITIONS CONTAINING THROMBIN AND MICROFIBRILLAR COLLAGEN	Granted	2295247	2295247	26-May-09
Angiotech Pharmaceuticals (US), Inc.	European Patent Convention	COMPOSITIONS CONTAINING THROMBIN AND MICROFIBRILLAR COLLAGEN	Published	98930365.6		
Angiotech Pharmaceuticals (US), Inc.	United States of America	COMPOSITIONS CONTAINING THROMBIN AND MICROFIBRILLAR COLLAGEN, AND METHODS FOR PREPARATION AND USE THEREOF	Granted	09/436903	6280727	28-Aug-01
Angiotech Pharmaceuticals (US), Inc.	United States of America	COMPOSITIONS CONTAINING THROMBIN AND MICROFIBRILLAR NANOMETER COLLAGEN, AND METHODS FOR PREPARATION AND USE THEREOF	Granted	09/099126	6096309	01-Aug-00
Angiotech Pharmaceuticals (US), Inc.	Canada	CELL SEPARATION DEVICE AND METERING SYRINGE	Granted	2321763	2321763	08-Jan-08
Angiotech Pharmaceuticals (US), Inc.	Japan	CELL SEPARATION DEVICE AND METERING SYRINGE	Granted	2000-533161	4132007	06-Jun-08
Angiotech Pharmaceuticals (US), Inc.	United States of America	CELL SEPARATION DEVICE AND METERING SYRINGE	Granted	09/032347	6123687	26-Sep-00
Angiotech Pharmaceuticals (US), Inc.	Canada	METHOD FOR STERILE SYRINGE PACKAGING AND HANDLING	Granted	2295733	2295733	25-Sep-07

Owner Name	Country	AppTitle	Status	App No	Pat No	Issue Dt
Angiotech Pharmaceuticals (US), Inc.	France	METHOD FOR STERILE SYRINGE PACKAGING AND HANDLING	Granted	98935516.9	1014866	14-Dec-05
Angiotech Pharmaceuticals (US), Inc.	Germany	METHOD FOR STERILE SYRINGE PACKAGING AND HANDLING	Granted	98935516.9	1014866	14-Dec-05
Angiotech Pharmaceuticals (US), Inc.	Italy	METHOD FOR STERILE SYRINGE PACKAGING AND HANDLING	Granted	98935516.9	1014866	14-Dec-05
Angiotech Pharmaceuticals (US), Inc.	United Kingdom	METHOD FOR STERILE SYRINGE PACKAGING AND HANDLING	Granted	98935516.9	1014866	14-Dec-05
Angiotech Pharmaceuticals (US), Inc.	United States of America	METHOD FOR STERILE SYRINGE PACKAGING AND HANDLING	Granted	08/886957	5997811	07-Dec-99
Angiotech Pharmaceuticals (US), Inc.	United States of America	AFFINITY BOUND COLLAGEN MATRCIES FOR THE DELIVERY OF BIOLOGICALLY ACTIVE AGENTS	Granted	08/405320	5693341	02-Dec-97
Angiotech Pharmaceuticals (US), Inc.	United States of America	APPARATUSES, METHODS AND COMPOSITIONS FOR CLOSING TISSUE PUNCTURE OPENINGS	Granted	09/578814	6482179	19-Nov-02
Angiotech Pharmaceuticals (US), Inc.	Canada	MULTIFUNCTIONAL COMPOUNDS FOR FORMING CROSSLINKED BIOMATERIALS AND METHODS OF PREPARATION AND USE	Pending	2581093		
Angiotech Pharmaceuticals (US), Inc.	European Patent Convention	MULTIFUNCTIONAL COMPOUNDS FOR FORMING CROSSLINKED BIOMATERIALS AND METHODS OF PREPARATION AND USE	Published	05810486.0		
Angiotech Pharmaceuticals (US), Inc.	United States of America	MULTIFUNCTIONAL COMPOUNDS FOR FORMING CROSSLINKED BIOMATERIALS AND METHODS OF PREPARATION AND USE	Allowed	11/575484		
Angiotech Pharmaceuticals (US), Inc.	United States of America	METHODS AND CROSSLINKED POLYMER COMPOSITIONS FOR CARTILAGE REPAIR	Published	12/910637		
Angiotech Pharmaceuticals (US), Inc.	Austria	DIFFERENTIALLY BIODEGRADABLE BIOMEDICAL IMPLANTS	Granted	95935719.5	0784490	18-Aug-04

Owner Name	Country	AppTitle	Status	App No	Pat No	Issue Dt
Angiotech Pharmaceuticals (US), Inc.	Canada	DIFFERENTIALLY BIODEGRADABLE BIOMEDICAL IMPLANTS	Granted	2201526	2201526	09-Dec-08
Angiotech Pharmaceuticals (US), Inc.	France	DIFFERENTIALLY BIODEGRADABLE BIOMEDICAL IMPLANTS	Granted	95935719.5	0784490	18-Aug-04
Angiotech Pharmaceuticals (US), Inc.	Germany	DIFFERENTIALLY BIODEGRADABLE BIOMEDICAL IMPLANTS	Granted	95935719.5	0784490	18-Aug-04
Angiotech Pharmaceuticals (US), Inc.	Japan	DIFFERENTIALLY BIODEGRADABLE BIOMEDICAL IMPLANTS	Published	2005-376651		
Angiotech Pharmaceuticals (US), Inc.	United Kingdom	DIFFERENTIALLY BIODEGRADABLE BIOMEDICAL IMPLANTS	Granted	95935719.5	0784490	18-Aug-04
Angiotech Pharmaceuticals (US), Inc.	United States of America	DIFFERENTIALLY BIODEGRADABLE BIOMEDICAL IMPLANTS	Granted	09/199139	6110484	29-Aug-00
Angiotech Pharmaceuticals (US), Inc.	United States of America	DIFFERENTIALLY BIODEGRADABLE BIOMEDICAL IMPLANTS	Granted	09/596183	6277394	21-Aug-01
Angiotech Pharmaceuticals (US), Inc.	United States of America	INJECTABLE CERAMIC COMPOSITIONS AND METHODS FOR THEIR PREPARATION AND USE	Granted	07/920412	5204382	20-Apr-93
Angiotech Pharmaceuticals (US), Inc.	United States of America	INJECTABLE CERAMIC COMPOSITIONS AND METHODS FOR THEIR PREPARATION AND USE	Granted	08/101333	5352715	04-Oct-94
Angiotech Pharmaceuticals, Inc.	Australia	BIOCOMPATIBLE CROSSLINKED HYDROGELS, DRUG-LOADED HYDROGELS AND METHODS OF USING THE SAME	Pending	2009240662		
Angiotech Pharmaceuticals, Inc.	Canada	BIOCOMPATIBLE CROSSLINKED HYDROGELS, DRUG-LOADED HYDROGELS AND METHODS OF USING THE SAME	Pending	2722092		

Owner Name	Country	AppTitle	Status	App No	Pat No	Issue Dt
Angiotech Pharmaceuticals, Inc.	European Patent Convention	BIOCOMPATIBLE CROSSLINKED HYDROGELS, DRUG-LOADED HYDROGELS AND METHODS OF USING THE SAME	Published	09734757.9		
Angiotech Pharmaceuticals, Inc.	United States of America	BIOCOMPATIBLE CROSS-LINKED HYDROGELS, DRUG-LOADED HYDROGELS AND METHODS OF USING THE SAME	Published	12/428411		
Manan Medical Products, Inc.	United States of America	AUTOMATIC TISSUE SAMPLING APPARATUS (Embodiment II)	Granted	08/033808	5476101	19-Dec-95
Manan Medical Products, Inc.	United States of America	FORWARD-FIRED AUTOMATIC TISSUE SAMPLING APPARATUS	Granted	08/311507	5507298	16-Apr-96
Manan Medical Products, Inc.	United States of America	FORWARD-FIRED AUTOMATIC TISSUE SAMPLING APPARATUS WITH SAFETY LOCK	Granted	10/978120	7329227	12-Feb-08
Manan Medical Products, Inc.	United States of America	DRAINAGE CATHETER APPARATUS	Granted	08/564383	5730724	24-Mar-98
Manan Medical Products, Inc.	United States of America	BONE MARROW BIOPSY NEEDLE	Granted	09/137854	6063037	16-May-00
Manan Medical Products, Inc.	United States of America	ISOTOPE SEEDING SYSTEM THAT RELEASES RADIOACTIVE SEEDS FOR TREATMENT OF CANCEROUS CELLS	Granted	09/047715	6095967	01-Aug-00
Manan Medical Products, Inc.	United States of America	BONE MARROW BIOPSY DEVICE	Granted	09/557815	6302852	16-Oct-01
Manan Medical Products, Inc.	United States of America	BONE MARROW BIOPSY DEVICE	Granted	09/677819	6312394	06-Nov-01
Manan Medical Products, Inc.	United States of America	BIOPSY DEVICE WITH REMOVABLE HANDLE	Granted	09/770987	6554778	29-Apr-03
Manan Medical Products, Inc.	United States of America	DRAINAGE CATHETER AND METHOD FOR FORMING SAME	Granted	09/557665	6673060	06-Jan-04
Manan Medical Products, Inc.	United States of America	INTEGRATED BIOPSY NEEDLE ASSEMBLY	Granted	10/356008	7063672	20-Jun-06

Owner Name	Country	AppTitle	Status	App No	Pat No	Issue Dt
Angiotech Pharmaceuticals, Inc.	United States of America	CALCIUM PHOSPHATE/ATELOPEPTIDE COLLAGEN COMPOSITIONS FOR BONE REPAIR	Granted	08/099610	5425770	20-Jun-95
Angiotech Pharmaceuticals, Inc.	United States of America	DEVICES FOR TISSUE REPAIR AND METHODS FOR PREPARATION AND USE THEREOF	Granted	09/362124	6280474	28-Aug-01
Angiotech Pharmaceuticals, Inc.	United States of America	DEVICES FOR TISSUE REPAIR AND METHODS FOR PREPARATION AND USE THEREOF	Granted	09/004550	6083522	04-Jul-00
Angiotech Pharmaceuticals, Inc.	United States of America	METHODS AND COMPOSITIONS FOR IMPROVED ARTICULAR SURGERY USING COLLAGEN	Granted	10/082443	7119062	10-Oct-06
Surgical Specialties Corporation	Australia	SURGICAL KNIFE BLADE WITH HOLLOW BEVEL	Granted	2004323587	2004323587	28-Oct-10
Surgical Specialties Corporation	Canada	SURGICAL KNIFE BLADE WITH HOLLOW BEVEL	Pending	2580724		
Surgical Specialties Corporation	Czech Republic	SURGICAL KNIFE BLADE WITH HOLLOW BEVEL	Granted	04795084.5	1809219	25-Mar-09
Surgical Specialties Corporation	France	SURGICAL KNIFE BLADE WITH HOLLOW BEVEL	Granted	04795084.5	1809219	25-Mar-09
Surgical Specialties Corporation	Germany	SURGICAL KNIFE BLADE WITH HOLLOW BEVEL	Granted	04795084.5	1809219	25-Mar-09
Surgical Specialties Corporation	Ireland	SURGICAL KNIFE BLADE WITH HOLLOW BEVEL	Granted	04795084.5	1809219	25-Mar-09
Surgical Specialties Corporation	Netherlands	SURGICAL KNIFE BLADE WITH HOLLOW BEVEL	Granted	04795084.5	1809219	25-Mar-09
Surgical Specialties Corporation	United Kingdom	SURGICAL KNIFE BLADE WITH HOLLOW BEVEL	Granted	04795084.5	1809219	25-Mar-09
Surgical Specialties Corporation	United States of America	SURGICAL KNIFE BLADE WITH HOLLOW BEVEL	Granted	10/942437	8080027	20-Dec-11
Surgical Specialties Corporation	United States of America	SURGICAL KNIFE	Pending	61/646344		

Owner Name	Country	AppTitle	Status	App No	Pat No	Issue Dt
Angiotech Pharmaceuticals, Inc.	Korea, Republic of	MEANS AND METHOD FOR THE PREVENTION OF SCAR TISSUE FORMATION	Granted	10-2005-7021050	10-0783837	03-Dec-07
Angiotech Pharmaceuticals, Inc.	United States of America	DEVICES AND METHODS FOR REDUCING SCAR FORMATION	Published	13/047440		
Angiotech Pharmaceuticals, Inc.	United States of America	SURGICALLY IMPLANTED DEVICES HAVING REDUCED SCAR TISSUE FORMATION	Granted	09/772693	6534693	18-Mar-03
Medical Device Technologies, Inc.	European Patent Convention	BIOPSY INSTRUMENT WITH HANDLE AND NEEDLE SET	Published	97916055.3		
Medical Device Technologies, Inc.	Japan	BIOPSY INSTRUMENT WITH HANDLE AND NEEDLE SET	Granted	10-502921	3880628	17-Nov-06
Medical Device Technologies, Inc.	United States of America	BIOPSY INSTRUMENT WITH HANDLE AND NEEDLE SET	Granted	08/669039	5752923	19-May-98
Medical Device Technologies, Inc.	Belgium	BIOPSY NEEDLE HANDLE	Granted	99920424.1	1077633	08-Apr-09
Medical Device Technologies, Inc.	Canada	BIOPSY NEEDLE HANDLE	Granted	2331450	2331450	17-Feb-09
Medical Device Technologies, Inc.	Canada	REUSABLE AUTOMATED BIOPSY NEEDLE HANDLE	Granted	2331444	2331444	06-Jan-09
Medical Device Technologies, Inc.	Denmark	BIOPSY NEEDLE HANDLE	Granted	99920424.1	1077633	08-Apr-09
Medical Device Technologies, Inc.	Finland	BIOPSY NEEDLE HANDLE	Granted	99920424.1	1077633	08-Apr-09
Medical Device Technologies, Inc.	France	BIOPSY NEEDLE HANDLE	Granted	99920424.1	1077633	08-Apr-09
Medical Device Technologies, Inc.	Germany	BIOPSY NEEDLE HANDLE	Granted	99920424.1	1077633	08-Apr-09
Medical Device Technologies, Inc.	Ireland	BIOPSY NEEDLE HANDLE	Granted	99920424.1	1077633	08-Apr-09
Medical Device Technologies, Inc.	Italy	BIOPSY NEEDLE HANDLE	Granted	99920424.1	1077633	08-Apr-09
Medical Device Technologies, Inc.	Netherlands	BIOPSY NEEDLE HANDLE	Granted	99920424.1	1077633	08-Apr-09

Owner Name	Country	AppTitle	Status	App No	Pat No	Issue Dt
Medical Device Technologies, Inc.	Sweden	BIOPSY NEEDLE HANDLE	Granted	99920424.1	1077633	08-Apr-09
Medical Device Technologies, Inc.	Switzerland	BIOPSY NEEDLE HANDLE	Granted	99920424.1	1077633	08-Apr-09
Medical Device Technologies, Inc.	United Kingdom	BIOPSY NEEDLE HANDLE	Granted	99920424.1	1077633	08-Apr-09
Medical Device Technologies, Inc.	United States of America	BIOPSY NEEDLE HANDLE	Granted	09/076181	6283925	04-Sep-01
Medical Device Technologies, Inc.	United States of America	REUSABLE AUTOMATED BIOPSY NEEDLE HANDLE	Granted	09/170893	6106484	22-Aug-00
Medical Device Technologies, Inc.	United States of America	AUTOMATED BIOPSY NEEDLE HANDLE	Granted	09/132941	6083176	04-Jul-00
Medical Device Technologies, Inc.	Belgium	BIOPSY NEEDLE AND SURGICAL INSTRUMENT	Granted	99973727.3	1135065	12-Jun-06
Medical Device Technologies, Inc.	Denmark	BIOPSY NEEDLE AND SURGICAL INSTRUMENT	Granted	99973727.3	1135065	12-Jun-06
Medical Device Technologies, Inc.	Finland	BIOPSY NEEDLE AND SURGICAL INSTRUMENT	Granted	99973727.3	1135065	12-Jun-06
Medical Device Technologies, Inc.	France	BIOPSY NEEDLE AND SURGICAL INSTRUMENT	Granted	99973727.3	1135065	12-Jun-06
Medical Device Technologies, Inc.	Germany	BIOPSY NEEDLE AND SURGICAL INSTRUMENT	Granted	99973727.3	1135065	12-Jun-06
Medical Device Technologies, Inc.	Ireland	BIOPSY NEEDLE AND SURGICAL INSTRUMENT	Granted	99973727.3	1135065	12-Jun-06
Medical Device Technologies, Inc.	Italy	BIOPSY NEEDLE AND SURGICAL INSTRUMENT	Granted	99973727.3	1135065	12-Jun-06
Medical Device Technologies, Inc.	Netherlands	BIOPSY NEEDLE AND SURGICAL INSTRUMENT	Granted	99973727.3	1135065	12-Jun-06
Medical Device Technologies, Inc.	Portugal	BIOPSY NEEDLE AND SURGICAL INSTRUMENT	Granted	99973727.3	1135065	12-Jun-06
Medical Device Technologies, Inc.	Spain	BIOPSY NEEDLE AND SURGICAL INSTRUMENT	Granted	99973727.3	1135065	12-Jun-06
Medical Device Technologies, Inc.	Sweden	BIOPSY NEEDLE AND SURGICAL INSTRUMENT	Granted	99973727.3	1135065	12-Jun-06

Owner Name	Country	AppTitle	Status	App No	Pat No	Issue Dt
Medical Device Technologies, Inc.	Switzerland	BIOPSY NEEDLE AND SURGICAL INSTRUMENT	Granted	99973727.3	1135065	12-Jun-06
Medical Device Technologies, Inc.	United Kingdom	BIOPSY NEEDLE AND SURGICAL INSTRUMENT	Granted	99973727.3	1135065	12-Jun-06
Medical Device Technologies, Inc.	United States of America	BIOPSY NEEDLE AND SURGICAL INSTRUMENT	Granted	09/114509	6110129	29-Aug-00
Medical Device Technologies, Inc.	United States of America	BIOPSY NEEDLE AND SURGICAL INSTRUMENT	Granted	09/572418	6328701	11-Dec-01
Medical Device Technologies, Inc.	United States of America	BIOPSY NEEDLE SET	Granted	29/056120	D403405	29-Dec-98
Medical Device Technologies, Inc.	Canada	DUAL ACTION ASPIRATION BIOPSY NEEDLE	Pending	2499993		
Medical Device Technologies, Inc.	European Patent Convention	DUAL ACTION BIOPSY NEEDLE	Pending	03749737.7		
Medical Device Technologies, Inc.	United States of America	DUAL ACTION BIOPSY NEEDLE	Granted	10/708710	6872185	29-Mar-05
Medical Device Technologies, Inc.	United States of America	DUAL ACTION BIOPSY NEEDLE	Granted	10/708711	6908440	21-Jun-05
Medical Device Technologies, Inc.	United States of America	METHOD FOR SCRAPING CELLULAR MATERIAL FROM TISSUE	Granted	10/708712	6890309	10-May-05
Medical Device Technologies, Inc.	United States of America	DUAL ACTION BIOPSY NEEDLE	Granted	10/065155	6709408	23-Mar-04
Medical Device Technologies, Inc.	Canada	BIOABSORBABLE SEALANT	Granted	2469001	2469001	17-Jun-08
Medical Device Technologies, Inc.	Japan	BIOABSORBABLE SEALANT	Granted	2003-550651	4471342	12-Mar-10
Medical Device Technologies, Inc.	United States of America	BIOABSORBABLE SEALANT	Granted	09/683282	6592608	15-Jul-03
Medical Device Technologies, Inc.	Canada	BIOABSORBABLE MARKER HAVING EXTERNAL ANCHORING MEANS	Pending	2503742		
Medical Device Technologies, Inc.	United States of America	BIOABSORBABLE MARKER HAVING EXTERNAL ANCHORING MEANS	Granted	10/065704	6994712	07-Feb-06

Owner Name	Country	AppTitle	Status	App No	Pat No	Issue Dt
Medical Device Technologies, Inc.	Canada	SEALANT PLUG DELIVERY METHODS	Pending	2507950		
Medical Device Technologies, Inc.	Canada	SEALANT PLUG DELIVERY METHODS	Mailed			
Medical Device Technologies, Inc.	European Patent Convention	SEALANT PLUG DELIVERY METHODS	Pending	03783721.8		
Medical Device Technologies, Inc.	United States of America	SEALANT PLUG DELIVERY METHODS	Granted	10/248261	6790185	14-Sep-04
Angiotech Pharmaceuticals, Inc.	United States of America	BIOCOMPATIBLE SURGICAL IMPLANT	Granted	08/186590	5630842	20-May-97
Angiotech Pharmaceuticals, Inc.	United States of America	PROCESS FOR THE OBTENTION OF A BIOLOGICAL ADHESIVE MADE OF CONCENTRATED COAGULATION FACTORS BY ACIDIC PRECIPITATION	Granted	08/021212	5290918	01-Mar-94
Angiotech Pharmaceuticals, Inc.	United States of America	THERAPEUTIC GRADE THROMBIN PRODUCED BY CHROMATOGRAPHY	Granted	08/309583	5506127	09-Apr-96
Angiotech Pharmaceuticals, Inc.	United States of America	FIBRIN SEALANTS OR ADHESIVES COMPRISING HYALURONIC ACID DERIVATIVE MATERIAL	Granted	09/554745	6503527	07-Jan-03
Angiotech BioCoatings Corp.	France	WIRE FOR MEDICAL USE	Granted	96938559.0	0874647	04-Nov-98
Angiotech BioCoatings Corp.	Germany	WIRE FOR MEDICAL USE	Granted	96938559.0	0874647	04-Nov-98
Angiotech BioCoatings Corp.	Italy	WIRE FOR MEDICAL USE	Granted	96938559.0	0874647	04-Nov-98
Angiotech BioCoatings Corp.	Spain	WIRE FOR MEDICAL USE	Granted	96938559.0	0874647	04-Nov-98
Angiotech BioCoatings Corp.	United Kingdom	WIRE FOR MEDICAL USE	Granted	96938559.0	0874647	04-Nov-98
Angiotech BioCoatings Corp.	United States of America	WIRE FOR MEDICAL USE COATED WITH POLYETHER SULFONE AND A COPOLYMER	Granted	09/068862	6086547	11-Jul-00
Angiotech BioCoatings Corp.	United States of America	HYDROPHILIC COATINGS WITH HYDRATING AGENTS	Granted	08/728805	5800412	01-Sep-98

Owner Name	Country	AppTitle	Status	App No	Pat No	Issue Dt
Angiotech BioCoatings Corp.	France	BONDING LAYERS FOR MEDICAL DEVICE SURFACE COATINGS	Granted	98903753.6	0971753	19-Oct-05
Angiotech BioCoatings Corp.	Germany	BONDING LAYERS FOR MEDICAL DEVICE SURFACE COATINGS	Granted	98903753.6	0971753	19-Oct-05
Angiotech BioCoatings Corp.	Ireland	BONDING LAYERS FOR MEDICAL DEVICE SURFACE COATINGS	Granted	98903753.6	0971753	19-Oct-05
Angiotech BioCoatings Corp.	Italy	BONDING LAYERS FOR MEDICAL DEVICE SURFACE COATINGS	Granted	98903753.6	0971753	19-Oct-05
Angiotech BioCoatings Corp.	Netherlands	BONDING LAYERS FOR MEDICAL DEVICE SURFACE COATINGS	Granted	98903753.6	0971753	19-Oct-05
Angiotech BioCoatings Corp.	United Kingdom	BONDING LAYERS FOR MEDICAL DEVICE SURFACE COATINGS	Granted	98903753.6	0971753	19-Oct-05
Angiotech BioCoatings Corp.	United States of America	BONDING LAYERS FOR MEDICAL DEVICE SURFACE COATINGS	Granted	08/791440	5997517	07-Dec-99
Angiotech BioCoatings Corp.	United States of America	BONDING LAYERS FOR MEDICAL DEVICE SURFACE COATINGS	Granted	09/400867	6306176	23-Oct-01
Angiotech BioCoatings Corp.	France	ADHERENT, FLEXIBLE HYDROGEL AND MEDICATED COATINGS	Granted	98931477.8	1003571	15-Jun-05
Angiotech BioCoatings Corp.	Germany	ADHERENT, FLEXIBLE HYDROGEL AND MEDICATED COATINGS	Granted	98931477.8	1003571	15-Jun-05
Angiotech BioCoatings Corp.	Italy	ADHERENT, FLEXIBLE HYDROGEL AND MEDICATED COATINGS	Granted	98931477.8	1003571	15-Jun-05
Angiotech BioCoatings Corp.	United Kingdom	ADHERENT, FLEXIBLE HYDROGEL AND MEDICATED COATINGS	Granted	98931477.8	1003571	15-Jun-05
Angiotech BioCoatings Corp.	United States of America	ADHERENT, FLEXIBLE HYDROGEL AND MEDICATED COATINGS	Granted	08/880512	6110483	29-Aug-00
Angiotech BioCoatings Corp.	France	ECHOGENIC COATINGS CONTAINING GASEOUS SPACES FOR ULTRASONOGRAPHY	Granted	97946248.8	0941128	13-Oct-04
Angiotech BioCoatings Corp.	Germany	ECHOGENIC COATINGS CONTAINING GASEOUS SPACES FOR ULTRASONOGRAPHY	Granted	97946248.8	0941128	06-Nov-97

Owner Name	Country	AppTitle	Status	App No	Pat No	Issue Dt
Angiotech BioCoatings Corp.	Ireland	ECHOGENIC COATINGS CONTAINING GASEOUS SPACES FOR ULTRASONOGRAPHY	Granted	97946248.8	0941128	13-Oct-04
Angiotech BioCoatings Corp.	Israel	ECHOGENIC COATINGS CONTAINING GASEOUS SPACES FOR ULTRASONOGRAPHY	Granted	129518	129518	29-Jun-04
Angiotech BioCoatings Corp.	Netherlands	ECHOGENIC COATINGS CONTAINING GASEOUS SPACES FOR ULTRASONOGRAPHY	Granted	97946248.8	0941128	06-Nov-97
Angiotech BioCoatings Corp.	Switzerland	ECHOGENIC COATINGS CONTAINING GASEOUS SPACES FOR ULTRASONOGRAPHY	Granted	97946248.8	0941128	13-Oct-04
Angiotech BioCoatings Corp.	United Kingdom	ECHOGENIC COATINGS CONTAINING GASEOUS SPACES FOR ULTRASONOGRAPHY	Granted	97946248.8	0941128	13-Oct-04
Angiotech BioCoatings Corp.	Canada	ECHOGENIC COATINGS WITH OVERCOAT	Pending	2536947		
Angiotech BioCoatings Corp.	United States of America	ECHOGENIC COATINGS	Granted	08/965393	6106473	22-Aug-00
Angiotech BioCoatings Corp.	United States of America	ECHOGENIC COATINGS	Granted	09/366193	6610016	26-Aug-03
Angiotech BioCoatings Corp.	United States of America	ECHOGENIC COATINGS WITH OVERCOAT	Granted	10/647119	7229413	12-Jun-07
Angiotech BioCoatings Corp.	France	ANTI-INFECTIVE COVERING FOR PERCUTANEOUS AND VASCULAR ACCESS DEVICES AND COATING METHOD	Granted	00952528.8	1211935	28-Dec-05
Angiotech BioCoatings Corp.	Germany	ANTI-INFECTIVE COVERING FOR PERCUTANEOUS AND VASCULAR ACCESS DEVICES AND COATING METHOD	Granted	00952528.8	1211935	28-Dec-05

Owner Name	Country	AppTitle	Status	App No	Pat No	Issue Dt
Angiotech BioCoatings Corp.	United Kingdom	ANTI-INFECTIVE COVERING FOR PERCUTANEOUS AND VASCULAR ACCESS DEVICES AND COATING METHOD	Granted	00952528.8	1211935	28-Dec-05
Angiotech BioCoatings Corp.	United States of America	ANTI-INFECTIVE COVERING FOR PERCUTANEOUS AND VASCULAR ACCESS DEVICES AND COATING METHOD	Granted	09/386187	6368611	09-Apr-02
Angiotech BioCoatings Corp.	United States of America	GRAFT POLYMERIZATION OF SUBSTRATE SURFACES	Granted	09/394577	6358557	19-Mar-02
Angiotech BioCoatings Corp.	United States of America	TARGETED THERAPEUTIC AGENT RELEASE DEVICES AND METHODS OF MAKING AND USING THE SAME	Granted	09/834307	8101200	24-Jan-12
Angiotech BioCoatings Corp.	Canada	MEDICATED STENT HAVING MULTI-LAYER POLYMER COATING	Granted	2538669	2538669	30-Nov-10
Angiotech BioCoatings Corp.	European Patent Convention	MEDICATED STENT HAVING MULTI-LAYER POLYMER COATING	Published	04784270.3		
Angiotech BioCoatings Corp.	United States of America	MEDICATED STENT HAVING MULTI-LAYER POLYMER COATING	Allowed	12/828512		
Angiotech BioCoatings Corp.	United States of America	MEDICATED STENT HAVING MULTI-LAYER POLYMER COATING	Granted	10/662877	7771468	10-Aug-10
Angiotech BioCoatings Corp.	Canada	ANTIMICROBIAL NEEDLE COATING FOR EXTENDED INFUSION	Pending	2586927		
Angiotech BioCoatings Corp.	European Patent Convention	ANTIMICROBIAL NEEDLE COATING FOR EXTENDED INFUSION	Published	05851448.0		
Angiotech BioCoatings Corp.	Hong Kong	ANTIMICROBIAL NEEDLE COATING FOR EXTENDED INFUSION	Published	08100559.5		
Angiotech BioCoatings Corp.	European Patent Convention	LUBRICIOUS COATINGS	Published	07762677.8		
Angiotech BioCoatings Corp.	United States of America	LUBRICIOUS COATINGS	Published	12/162556		
Angiotech BioCoatings Corp.	United States of America	COATED MEDICAL DEVICES WITH ADHESION PROMOTERS	Published	12/520814		

Owner Name	Country	App Title	Status	App No	Pat No	Issue Dt
Angiotech Pharmaceuticals, Inc.	United States of America	LENGTH OF SELF-RETAINING SUTURE AND METHOD AND DEVICE FOR USING THE SAME	Published	13/127220		