PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
Stylesheet Version v1.2

EPAS ID: PAT3232656

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
INNERCOOL THERAPIES, INC.	03/08/2006

RECEIVING PARTY DATA

Name:	INNERCOOL THERAPIES, INC.
Street Address:	6740 TOP GUN STREET
City:	SAN DIEGO
State/Country:	CALIFORNIA
Postal Code:	92121

PROPERTY NUMBERS Total: 1

Property Type	Number
Patent Number:	8343202

CORRESPONDENCE DATA

Fax Number:

Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent using a fax number, if provided; if that is unsuccessful, it will be sent via US Mail.

Phone: 6193388075
Email: NOELLE@ROGITZ.COM
Correspondent Name: ROGITZ & ASSOCIATES
Address Line 1: 750 B STREET
Address Line 2: SUITE 3120
Address Line 4: SAN DIEGO, CALIFORNIA 92101

NAME OF SUBMITTER:	JOHN L. ROGITZ
SIGNATURE:	/John L. Rogitz/
DATE SIGNED:	02/19/2015

Total Attachments: 20
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Form PTO-1595 (Rev. 07/05)
OMB No. 0651-0027 (exp. 6/30/2006)

09-04-2007

U.S. DEPARTMENT OF COMMERCE
United States Patent and Trademark Office

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:ET

To the Director of the U.S. Patent , documents or the new address(es) below.

1. Name of conveying party(ies)

Innercool Therapies, Inc., a California Corporation

Additional name(s) of conveying party(ies) attached? ☐ Yes ☑ No

2. Name and address of receiving party(ies)

Name: Innercool Therapies, Inc., a Delaware Corporation

Internal Address:

Street Address: 6740 Top Gun Street

City: San Diego

State: CA

Country: USA Zip: 92121

Additional name(s) & address(es) attached? ☐ Yes ☑ No

3. Nature of conveyance/Execution Date(s):

Execution Date(s) March 8, 2006

☑ Assignment ☐ Merger
☐ Security Agreement ☐ Change of Name
☐ Joint Research Agreement
☐ Government Interest Assignment
☐ Executive Order 9424, Confirmatory License
☐ Other

4. Application or patent number(s): ☐ This document is being filed together with a new application.

A. Patent Application No.(s)

See attached list

B. Patent No.(s)

See attached list

Additional numbers attached? ☑ Yes ☐ No

5. Name and address to whom correspondence concerning document should be mailed:

Name: Mark D. Wieczorek

Internal Address: Meyer & Williams

Street Address: 251 North Avenue West, 2nd Fl.

City: Westfield

State: NJ Zip: 07090

Phone Number: (619) 818-4615

Fax Number: (908) 518-7795

Email Address:

6. Total number of applications and patents involved: 155

7. Total fee (37 CFR 1.21(h) & 3.41) $ 8,200

☐ Authorized to be charged by credit card
☑ Authorized to be charged to deposit account
☐ Enclosed
☐ None required (government interest not affecting title)

8. Payment Information

a. Credit Card Last 4 Numbers
Expiration Date

b. Deposit Account Number 50-1047

Authorized User Name Mark D. Wieczorek

9. Signature:

Signature

Aug 24, 2007
Date

Mark D. Wieczorek
Name of Person Signing

Total number of pages including cover sheet, attachments, and documents: 25

Documents to be recorded (including cover sheet) should be faxed to (571) 273-0140, or mailed to:
Mail Stop Assignment Recordation Services, Director of the USPTO, P.O.Box 1450, Alexandria, V.A. 22313-1450

08/31/2007 RJamil 00000046 50-1047
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	Serial #	Patent or Publication
1.	09/012,287	6,051,019
2.	09/306,866	6,235,048
3.	09/650,940	6,482,226
4.	09/834,054	6,558,412
5.	10/158,406	6,755,850
6.	10/324,476	20030078641
7.	10/382,223	20030144714
8.	11/159,656	20050240250
9.	09/028,567	6,042,559
10.	09/047,012	5,957,963
11.	09/052,545	6,231,595
12.	09/306,865	6,149,677
13.	09/785,243	6,818,011
14.	09/103,342	6,096,068
15.	09/566,531	n/a
16.	09/836,585	6,676,688
17.	09/834,068	6,692,486
18.	10/749,140	20040230264
19.	09/215,038	6,261,312
20.	09/757,124	6,540,771
21.	09/758,742	6,533,804
22.	10/096,294	6,648,908
23.	10/095,753	6,695,873
24.	10/096,240	6,676,689
25.	10/714,070	20040106969
26.	09/215,039	6,251,129
27.	09/714,748	6,468,296
28.	09/714,893	6,478,811
29.	09/211,076	n/a
30.	09/215,041	6,254,626
31.	09/805,014	n/a
32.	09/215,040	6,251,130
33.	09/621,051	6,582,455
34.	10/072,265	20020091429
35.	09/755,219	n/a
36.	09/755,834	6,478,812
37.	09/755,919	6,475,231
38.	09/328,854	6,364,899
39.	09/834,068	20020068964
40.	60/247,203	n/a
41.	09/292,532	n/a
42.	09/754,452	6,576,002

	Serial #	Patent or Publication
43.	09/871,145	6,599,312
44.	10/103,648	n/a
45.	10/322,337	6,740,109
46.	09/246,788	6,491,716
47.	10/210,819	6,679,907
48.	09/731,175	6,719,723
49.	10/176,885	6,979,345
50.	09/326,000	n/a
51.	09/232,177	6,245,095
52.	09/800,159	n/a
53.	09/264,541	6,238,428
54.	09/291,824	6,224,624
55.	09/815,215	6,551,349
56.	09/262,805	6,312,452
57.	09/797,028	n/a
58.	09/908,642	6,905,509
59.	10/218,432	20020193854
60.	10/406,616	n/a
61.	09/414,184	6,325,818
62.	09/885,655	6,676,690
63.	10/716,801	20040102827
64.	09/607,799	6,464,716
65.	10/161,107	6,702,842
66.	10/763,542	20040153133
67.	10/796,906	20040230265
68.	09/373,112	6,843,800
69.	09/907,782	20010041923
70.	10/160,611	20020151946
71.	10/219,735	20020193855
72.	11/340,377	
73.	09/519,022	6,379,378
74.	09/915,482	20020016621
75.	10/005,056	6,576,001
76.	09/379,295	n/a
77.	09/903,845	20020007203
78.	09/516,319	n/a
79.	10/039,466	20020091378
80.	09/586,000	6,383,210
81.	10/082,984	6,660,026
82.	10/729,526	20040116987
83.	09/570,075	6,471,717
84.	10/251,124	6,887,252

Serial #	Patent or Publication
85. 09/539,932	6,491,039
86. 10/008,999	6,786,218
87. 09/775,708	6,450,987
88. 10/244,352	6,595,967
89. 09/658,950	n/a
90. 60/195,609	n/a
91. 60/273,095	n/a
92. 60/211,406	n/a
93. 60/246,620	n/a
94. 60/273,436	n/a
95. 60/273,728	n/a
96. 09/827,010	6,648,906
97. 10/716,206	6,918,924
98. 09/881,175	6,726,708
99. 10/832,031	20040199229
100. 60/273,726	n/a
101. 60/273,452	n/a
102. 60/270,525	n/a
103. 60/272,550	n/a
104. 09/787,599	6,602,276
105. 10/608,978	20040087934
106. 60/281,771	n/a
107. 09/932,402	6,685,732
108. 10/753,913	20040147914
109. 60/311,589	n/a
110. 10/216,487	6,830,581
111. 11/003,220	20050096715
112. 10/925,043	20050131502
113. 60/312,409	n/a
114. 60/316,057	n/a
115. 60/316,922	n/a
116. 60/322,945	n/a
117. 60/328,259	n/a
118. 60/328,320	n/a
119. 10/007,545	6,719,779
120 10/703,882	7,004,960
121. 10/005,416	6,585,752
122. 10/411,001	20030187489
123. 60/336,783	n/a
124. 10/086,565	6,905,494
125. 11/151,488	20050228368
126. 10/117,733	6,702,841

Serial #	Patent or Publication
127. 10/795,733	20040172109
128. 10/110,360	7,001,378
129. 10/892,590	20040267250
130. 10/200,028	n/a
131. 10/856,549	20040220559
132. 10/216,405	6,869,440
133. 11/085,700	20050171586
134. 10/219,874	6,974,463
135. 11/299,708	
136. 60/449,809	n/a
137. 60/449,765	n/a
138. 60/449,815	n/a
139. 60/449,803	n/a
140. 60/449,764	n/a
141. 60/449,816	n/a
142. 60/451,095	n/a
143. 60/456,137	n/a
144. 60/504,145	n/a
145. 60/523,432	n/a
146. 60/527,109	n/a
147. 10/767,782	20040267339
148. 10/785,389	20040210285
149. 10/785,394	20040199230
150. 60/604,832	
151. 11/213,634	
152. 10/934,096	20050076924
153. 10/992,924	20050155427
154. 11/006,229	20050120734
155. 60/740,460	

PATENT ASSIGNMENT

WHEREAS, Innercool Therapies, Inc., a California corporation ("Assignor"), having had a place of business at 3931 Sorrento Valley Road, San Diego, California 92121, is the sole owner of all right, title and interest for the United States, its territorial possessions and in all foreign countries in and to, any and all inventions and improvements which are claimed and/or disclosed in each of the United States patents and patent applications listed on Exhibit A attached hereto (the "Listed Patents and Patent Applications"); and in any and all patent applications and rights to file patent applications, in the U.S. or a foreign country, that claim or may claim priority to one or more of the Listed Patents and Patent Applications); and in any and all Letters Patent presently obtained or to be obtained for each said invention claimed and/or described in any of the Listed Patents and Patent Applications or any continuation, division, continuation-in-part, extension or substitute thereof, and any reissue, reexamination or extension of said Listed Patents and Patent Applications or Letters Patent; and all rights in and to any and all causes of action heretofore or hereafter accrued or accruing for infringement or threatened or alleged infringement of any of the Listed Patents or patents arising from any of the Listed Patents or Patent Applications; and any and all associated rights under all International Conventions for the Protection of Industrial Property, by virtue of assignment from all of the inventors of each such case, whether or not such assignment has been recorded with the United States Patent and Trademark Office (each of the above rights, titles and interests being individually referred to as a "Patent Right" and collectively as the "Patent Rights"); and

WHEREAS, Innercool Therapies, Inc., a Delaware corporation, currently having a place of business at 3611 Valley Centre Drive, Suite 525, San Diego, California 92130 and expected to have a place of business at 3931 Sorrento Valley Road, San Diego, California 92121, together with any successors, legal representatives or assigns ("Assignee"), wishes to acquire the entire right, title and interest in the Patent Rights;

NOW, THEREFORE, for good and valuable consideration, the receipt of which is hereby acknowledged, the Assignor, by these presents does sell, assign and transfer to the Assignee the entire right, title and interest in and to the Patent Rights to the full end of the term for which the Patent Rights are granted;

The Assignor covenants that it has the full right to convey the entire interest herein assigned, and that it has not executed, and will not execute, any agreement in conflict with this Patent Assignment; and

The Assignor further covenants and agrees that it will cooperate in any legal proceeding, cause to be executed all lawful papers, cause to be executed all reissue applications, cause to be made all rightful oaths and generally aid Assignee to enforce the Patent Rights.

IN TESTIMONY WHEREOF, the undersigned, intending to be legally bound, have duly executed this Assignment effective as of March 8, 2006.

INNERCOOL THERAPIES, INC.
(Assignor, a California Corporation)

Name: Michael Magers
Title: President

ad-305244

State of California)
) ss.
County of San Diego)

On March 8 2006 before me, Melanie A. Lowe, Notary Public, personally appeared Michael Marks, personally known to me or proved to me on the basis of satisfactory evidence to be the person whose name is subscribed to the within instrument and acknowledged to me that he/she executed the same in his/her authorized capacity, and that by his/her signature on the instrument the person, or the entity upon behalf of which the person acted, executed the instrument.

WITNESS my hand and official seal. (SEAL)

Signature: Melanie A Lowe
Notary Public

MELANIE A. LOWE
Commission # 1509377
Notary Public - California
San Diego County
My Comm. Expires Aug 23, 2008

08-305344

Exhibit A
(Patent Applications and Patents)

Innercool Therapies Patents

Docket	Patent or Publication	Serial #	Title	Jurisdiction	Status
005001	6,051,019	09/012,287	Selective Organ Hypothermia Method and Apparatus	USA	Issued
005002	6,235,048	09/306,865	Selective Organ Hypothermia Method and Apparatus	USA	Issued
005003	6,462,226	09/650,940	Selective Organ Hypothermia Method and Apparatus	USA	Issued
005004	6,558,412 20010016764	09/834,054	Selective Organ Hypothermia Method and Apparatus	USA	Issued
005005	6,755,850	10/158,406	Selective Organ Hypothermia Method and Apparatus	USA	Issued
005006	20030078641	10/324,476	Selective Organ Hypothermia Method and Apparatus	USA	Abandoned
005007	20030144714	10/382,223	Selective Organ Hypothermia Method and Apparatus	USA	Published
005008	20050240250	11/159,656	Selective Organ Hypothermia Method and Apparatus	USA	Published
005AU01	739,996	24625/99	Selective Organ Hypothermia Method and Apparatus	Australia	Issued - Dropped
005AU02	769,280	32997/02	Selective Organ Hypothermia Method and Apparatus	Australia	Issued - Dropped
005AU03		201679/04	Selective Organ Hypothermia Method and Apparatus	Australia	Pending
005CA1	2,318,084	2318084	Selective Organ Hypothermia Method and Apparatus	Canada	Issued
005CA2		2470150	Selective Organ Hypothermia Method and Apparatus	Canada	Dropped
005EP1		99904172.6	Selective Organ Hypothermia Method and Apparatus	Europe	Pending
005JP1	3,548,530	2000-528218	Selective Organ Hypothermia Method and Apparatus	Japan	Issued
005WO1	WO 99/37226	US99/01275	Selective Organ Hypothermia Method and Apparatus	WIPO	National Phase
006001	6,042,559	09/028,567	Selective Organ Hypothermia Method and Apparatus	USA	Published
007001	5,957,963	09/047,012	Selective Organ Hypothermia Method and Apparatus	USA	Issued
008001	6,231,595	09/052,545	Circulating Fluid Hypothermia Method and Apparatus	USA	- Issued
008002	6,149,677	09/308,865	Circulating Fluid Hypothermia Method and Apparatus	USA	Issued
008003	6,818,011 20010007951	09/785,243	Circulating Fluid Hypothermia Method and Apparatus	USA	Issued
009001	6,096,068	09/103,342	Selective Organ Hypothermia Method and Apparatus	USA	Issued
009002	n/a	09/566,531	Selective Organ Hypothermia Method and Apparatus	USA	Abandoned
009003	6,676,688 20010021866	09/836,585	Selective Organ Hypothermia Mthod and Appratuss	USA	Issued
009004	6,692,488 20020007179	09/834,068	Method and Apparatus for Cell Necrosis	USA	Issued
009005	20040230264	10/749,140	Method of Making Sleective Organ Cooling Catheter	USA	Allowed
009AU1	734,506	31978/99	Selective Organ Cooling Apparatus and Method	Australia	Issued

Innercool Therapies Patents

Docket #	Patent or Publication	Serial #	Title	Jurisdiction	Status
009AU2	758,431	38892/01	Selective Organ Cooling Apparatus and Method	Australia	Issued - Dropped
009AU3	748,965	38891/01	Selective Organ Cooling Apparatus and Method	Australia	Issued - Dropped
009CA1	2,310,223	2,310,223	Selective Organ Cooling Apparatus and Method	Canada	Issued
009CA2		2,452,435	Selective Organ Cooling Apparatus and Method	Canada	Abandoned
009CA3		2,452,429	Selective Organ Cooling Apparatus and Method	Canada	Abandoned
009EP1		99914042.9	Selective Organ Cooling Apparatus and Method	Europe	Pending
009JP1	3,535,830	2000-537504	Selective Organ Cooling Apparatus and Method	Japan	Pending
009WO1	WO 99/48449	US99/06265	Selective Organ Cooling Apparatus and Method	WIPO	National Phase
010US1	6,261,312	09/215,038	Inflatable Catheter for Selective Organ Heating and Cooling and Method of Using Same	USA	Issued
010US2	6,540,771	09/757,124	Inflatable Catheter for Selective Organ Heating and Cooling and Method of Using the Same	USA	Issued
010US3	6,533,804	09/758,742	Inflatable Catheter for Selective Organ Heating and Cooling and Method of Using the Same	USA	Issued
010US4	6,648,908 20020103519	10/096,294	Inflatable Catheter for Selective Organ Heating and Cooling and Method of Using the Same	USA	Issued
010US5	6,695,873 20020095200	10/095,753	Inflatable Catheter for Selective Organ Heating and Cooling and Method of Using the Same	USA	Issued
010US6	6,676,689 20020091430	10/096,240	Inflatable Catheter for Selective Organ Heating and Cooling and Method of Using the Same	USA	Issued
010US7	20040106969	10/714,070	Inflatable Catheter for Selective Organ Heating and Cooling and Method of Using the Same	USA	Published
010AU1	756,941	46852/99	Selective Organ Cooling Apparatus and Method	Australia	Issued
010AU2		204199/03	Selective Organ Cooling Apparatus and Method	Australia	Allowed
010AU3		229706/05	Selective Organ Cooling Apparatus and Method	Australia	Pending
010CA1	2,335,997	2335997	Selective Organ Cooling Apparatus and Method	Canada	Issued
010CA2		2,419,467	Selective Organ Cooling Apparatus and Method	Canada	Pending
010EP1		99930285.4	Selective Organ Cooling Apparatus and Method	Europe	Pending
010JP1	3,479,706	2000-555656	Selective Organ Cooling Apparatus and Method	Japan	Issued
010JP2		2003-002495	Selective Organ Cooling Apparatus and Method	Japan	Pending
010WO1	WO 99/66970	US99/13516	Selective Organ Cooling Apparatus and Method	WIPO	National Phase

Innercool Therapies Patents

Docket #	Patent or Publication #	Serial #	Title	Jurisdiction	Status
035001	6,251,129	09/215,039	Selective Organ Hypothermia Method and Apparatus	USA	Issued
035002	6,468,296	09/714,749	Selective Organ Hypothermia Method and Apparatus	USA	Issued
035003	6,478,811	09/714,893	Selective Organ Hypothermia Method and Apparatus	USA	Issued
035004	n/a	09/211,076	Selective Organ Hypothermia Method and Apparatus	USA	Abandoned
035005	6,254,626	09/215,041	Selective Organ Hypothermia Method and Apparatus	USA	Issued - Dropped
013001	n/a	09/805,014	Articulation Device for Selective Organ Cooling Apparatus	USA	Abandoned
013002	6,251,130	09/215,040	Selective Organ Hypothermia Method and Apparatus	USA	Issued
014002	6,582,455	09/621,051	Selective Organ Hypothermia Method and Apparatus	USA	Issued
014003	20020091429	10/072,265	Selective Organ Hypothermia Method and Apparatus	USA	Abandoned
014004	n/a	09/755,219	Method and Device for Applications of Selective Organ Cooling	USA	Abandoned
014005	6,478,812	09/755,634	Method and Device for Applications of Selective Organ Cooling	USA	Issued
014006	6,475,231	09/755,919	Method and Device for Applications of Selective Organ Cooling	USA	Issued
015001	6,364,899	09/328,854	Heat Pipe Nerve Cooler	USA	Issued - Dropped
015002	20020068964	09/834,058	Method and Apparatus for Cell Necrosis	USA	Abandoned
017001	n/a	60/247,203	Improved Circulation Set for Temperature-Controlled Catheter and Method of Using the Same	USA	Abandoned
021001	n/a	09/292,532	Selective Organ Hypothermia Method and Apparatus	USA	Abandoned
021002	6,576,002	09/764,452	Selective Organ Hypothermia Method and Apparatus	USA	Issued
021003	6,599,312	09/871,145	Isolated Selective Organ Cooling Apparatus	USA	Issued
021004	n/a	10/103,648	Isolated Selective Organ Cooling Method and Apparatus	USA	Abandoned
021005	6,740,109	10/322,337	Isolated Organ Cooling Method	USA	Issued
028001	6,491,716	09/246,788	Selective Organ Hypothermia Method and Apparatus	USA	Issued
028002	6,679,907 20030028230	10/210,819	Method and Device for Applications of Selective Organ Cooling	USA	Issued
028AU1	780,464	47131/99	Method and Device for Applications of Selective Organ Cooling	Australia	Issued - Dropped
028CA1	2,336,071	2336071	Method and Device for Applications of Selective Organ Cooling	Canada	Issued - Dropped

Innercool Therapies Patents

Docket	Patent or Publication	Serial #	Title	Jurisdiction	Status
028EP1		9930632.7	Method and Device for Applications of Selective Organ Cooling	Europe	Abandoned
028JP1		2000-555657	Method and Device for Applications of Selective Organ Cooling	Japan	Allowed
028WO1	WO 99/66971	US99/14257	Method and Device for Applications of Selective Organ Cooling	WIPO	National Phase
029001	6,719,723	09/731,176	Multipurpose Catheter Assembly	USA	Issued
029002	6,979,345 20020151845	10/176,895	Multipurpose Catheter Assembly	USA	Issued
030001	n/a	09/326,000	Heat Exchange Cartridge	USA	Abandoned
035001	6,245,095	09/232,177	Selective Organ Hypothermia Method and Apparatus	USA	Issued
035002	n/a	09/800,159	Selective Organ Hypothermia Method and Apparatus	USA	Abandoned
036001	6,238,428	09/254,541	Selective Organ Hypothermia Method and Apparatus	USA	Issued
037001	6,224,624	09/291,824	Selective Organ Hypothermia Method and Apparatus	USA	Issued
037002	6,551,349 20010016763	09/815,215	Selective Organ Cooling Apparatus and Method	USA	Issued
038001	6,312,452	09/262,805	Selective Organ Hypothermia Method and Apparatus	USA	Issued
038002	n/a	09/797,028	Selective Organ Cooling Catheter with Guidewire Apparatus and Temperature-Monitoring Device	USA	Abandoned
038003	6,905,509 20020032474	09/908,642	Selective Organ Cooling Catheter with Guidewire Apparatus and Temperature-Monitoring Device	USA	Issued
038004	20020193854	10/218,432	Selective Organ Cooling Catheter with Guidewire Apparatus and Temperature-Monitoring Device	USA	Published
038005	n/a	10/406,616	Selective Organ Cooling Catheter with Guidewire Apparatus and Temperature-Monitoring Device	USA	Abandoned
039001	6,325,818	09/414,184	Inflatable Cooling Apparatus for Selective Organ Hypothermia	USA	Issued
039002	6,676,690	09/885,655	Inflatable Cooling Apparatus for Selective Organ Hypothermia	USA	Issued
039003	20040102827	10/716,801	Inflatable Cooling Apparatus for Selective Organ Hypothermia	USA	Allowed
039EP1		00965184.5	Inflatable Cooling Apparatus for Selective Organ Hypothermia	Europe	Abandoned
039WO1	WO 01/26590	US00/25744	Inflatable Cooling Apparatus for Selective Organ Hypothermia	WIPO	National Phase

Innercool Therapies Patents

Docket	Patent or Publication	Serial #	Title	Jurisdiction	Status
040001	6,464,716	09/607,799	Selective Organ Hypothermia Method and Apparatus	USA	Issued
040002	6,702,842	10/161,107	Selective Organ Cooling Apparatus and Method	USA	Issued
040003	20040153133	10/763,542	Selective Organ Cooling Apparatus and Method	USA	Published
040004	20040230265	10/796,906	Selective Organ Cooling Apparatus and Method	USA	Published
040AU5		261663/01	Selective Organ Cooling Apparatus and Method	Australia	Pending
040AU6		246925/05	Selective Organ Cooling Apparatus and Method	Australia	Pending
040EP01		01935572.8	Selective Organ Cooling Apparatus and Method	Europe	Pending
040WO1	WO 01/87379	US01/15770	Selective Organ Cooling Apparatus and Method	WIPO	National Phase
041001	6,843,800	09/373,112	Inflatable Catheter for Selective Organ Heating and Cooling and Method of using the Same	USA	Issued
041002	20010041923	09/907,782	Patient Temperature Regulation Method and Apparatus	USA	Abandoned
041003	20020151946	10/160,611	Inflatable Catheter for Selective Organ Heating and Cooling	USA	Allowed
041004	20020193855	10/219,735	Inflatable Catheter for Selective Organ Heating and Cooling and Method of using the Same	USA	Published
041006		11/340,377	Inflatable Catheter for Selective Organ Heating and Cooling and Method of using the Same	USA	Pending
041AU1	759,075	67496/00	Patient Temperature Regulation Method and Apparatus	Australia	Issued
041AU2		200067/03	Patient Temperature Regulation Method and Apparatus	Australia	Allowed
041CA1	2,346,961	2346961	Patient Temperature Regulation Method and Apparatus	Canada	Issued
041CA2		2524524	Patient Temperature Regulation Method and Apparatus	Canada	Pending
041EP1	EP 1119321	00955269.6	Selective Organ Cooling Apparatus and Method	Europe	Issued
041EP2		04090387.4	Selective Organ Cooling Apparatus and Method	Europe	Pending
041JP1		2001-514892	Patient Temperature Regulation Method and Apparatus	Japan	Allowed
041WO1	WO 01/10365	US00/20622	Patient Temperature Regulation Method and Apparatus	WIPO	National Phase
043001	6,379,378	09/519,022	Lumen Design for Catheter	USA	Issued
043002	20020016621	09/915,482	Lumen Design for Catheter	USA	Abandoned
043003	6,576,001 20020049484	10/005,056	Lumen Design for Catheter	USA	Issued
043AU1	2001229561	229561/01	Improved Lumen Design for Catheter	Australia	Issued
043CA1		2396760	Improved Lumen Design for Catheter	Canada	Abandoned
043EP1		01956183.6	Improved Lumen Design for Catheter	Europe	Pending
043EP2		04090386.6	Improved Lumen Design for Catheter	Europe	Abandoned
043JP1		2001-564705	Improved Lumen Design for Catheter	Japan	Pending

Innercool Therapies Patents

Docket #	Patent/Publication	Serial #	Title	Jurisdiction	Status
050WO1	WO 01/66052	US01/01558	Improved Lumen Design for Catheter	WIPO	National Phase
050001	n/a	09/379,295	Selective Organ Hypothermia Method and Apparatus	USA	Abandoned
050002	20020007203	09/903,845	Method of Manufacturing a Heat Transfer Element for an In Vivo Cooling	USA	Abandoned
050EP		00952267.3	Method of Manufacturing a Heat Transfer Element for an In Vivo Cooling	Europe	Abandoned
050WO1	WO 01/13837	US00/20621	Method of Manufacturing a Heat Transfer Element for an In Vivo Cooling	WIPO	Did Not Go National Phase
051000	n/a	09/516,319	Method and device for performing cooling- or cryo-therapies for, e.g., angioplasty with reduced restenosis or pulmonary vein cell necrosis to inhibit atrial fibrillation	USA	Abandoned
051002	20020091378	10/039,466	Method and device for performing cooling- or cryo-therapies for, e.g., angioplasty with reduced restenosis or pulmonary vein cell necrosis to inhibit atrial fibrillation	USA	Published
051AU00		243374/01	Cooling Therapies/Device for Angioplasty with Restenosis	Australia	Pending
051CA00		2400753	Cooling Therapies/Device for Angioplasty with Restenosis	Canada	Abandoned
051EP01		01916337.7	Cooling Therapies/Device for Angioplasty with Restenosis	Europe	Abandoned
051JP01		2001-563045	Cooling Therapies/Device for Angioplasty with Restenosis	Japan	Abandoned
051WO1	WO 01/64145	US01/06648	Cooling Therapies/Device for Angioplasty with Restenosis	WIPO	National Phase
055000	6,383,210	09/586,000	Method for Determining the Effective Thermal Mass of a Body or Organ Using a Cooling Catheter	USA	Issued
055002	6,660,026	10/082,964	Method for Determining the Effective Thermal Mass of a Body or Organ Using a Cooling Catheter	USA	Issued
055003	20040116987	10/729,526	Method for Determining the Effective Thermal Mass of a Body or Organ Using a Cooling Catheter	USA	Published

Innercool Therapies Patents

Docket	Patent/Publication	Serial #	Title	Jurisdiction	Status
055WO01	WO 01/95840	US 01/16646	Method for Determining the Effective Thermal Mass of a Body or Organ Using a Cooling Catheter	WIPO	Abandoned
059001	6,471,717	09/570,075	Selective Organ Hypothermia Method and Apparatus	USA	Issued
059002	6,887,262	10/251,124	Selective Organ Cooling Apparatus and Method	USA	Issued
060001	6,481,039	09/539,932	Selective Organ Hypothermia Method and Apparatus	USA	Issued
060002	6,786,218	10/008,999	Medical Procedure	USA	Issued
061WO01	WO 01/74276	US01/06880	Selective Organ Hypothermia Method and Apparatus	WIPO	Did Not Go National Phase
063001	6,450,987	09/775,708	Collapsible Guidewire Lumen	USA	Issued
063002	6,595,967	10/244,352	Collapsible Guidewire Lumen	USA	Issued
063WO01	WO 02/060514	US02/00018	Collapsible Guidewire Lumen		Did Not Go National Phase
065001	n/a	09/658,950	Selective Organ Hypothermia Method and Apparatus	USA	Abandoned
059EP01		1920828.9	Selective Organ Cooling Apparatus and Method	Europe	Abandoned
066JP01		2001-575887	A Method Combining Inducing Hypothermia and Administrating a Therapeutic Agent	Japan	Abandoned
066WO01	WO 01/78580	US01/09906	A Method Combining Inducing Hypothermia and Administrating a Therapeutic Agent	WIPO	National Phase
074001	n/a	60/195,609	Method and Apparatus for Patient Temperature Regulation Employing a Bladder or Kidney-Disposed Heat Exchange Element	USA	Abandoned
077001	n/a	60/273,095	Annular Ring Balloon For Pulmonary Vein Cryoplasty	USA	Abandoned
079001	n/a	60/211,406	Therapeutic Heating and Cooling Via Temperature Management of a Colon-Inserted Balloon	USA	Abandoned
080001	n/a	60/246,620	Fever Regulation Method and Apparatus	USA	Abandoned
081001	n/a	60/273,436	Internal Adhesive Reinforcement Bonding of a Polymer Substrate Tubing to a Metallic Substrate Heat Transfer Element	USA	Abandoned
082001	n/a	60/273,728	Distal Tip/Crossing Profile Adhesive Bonding of a Polymer Substrate Tubing to a Metallic Substrate Heat Transfer Element	USA	Abandoned

Innercool Therapies Patents

Docket #	Patent or Publication #	Serial #	Title	Jurisdiction	Status
084US01	6,648,906	09/827,010	Method and Apparatus for Patient Temperature Regulation Employing a Bladder or Kidney-Disposed Heat Exchange Element	USA	Issued
084US02	6,918,924 20040102826	10/716,205	Method and Apparatus for Patient Temperature Regulation Employing a Bladder or Kidney-Disposed Heat Exchange Element	USA	Issued
084EP01		01924744.4	Method and Apparatus for Regulating Patient Temperature by Irrigating the Bladder with a Fluid	Europe	Abandoned
084JP01		2001-574170	Method and Apparatus for Regulating Patient Temperature by Irrigating the Bladder with a Fluid	Japan	Pending
084WO01	WO 01/76655	US01/11176	Method and Apparatus for Regulating Patient Temperature by Irrigating the Bladder with a Fluid	WIPO	National Phase
085US01	6,726,706	09/861,175	Therapeutic Heating and Cooling Via Temperature Management of a Colon-Inserted Balloon	USA	Issued
085US02	20040199229	10/832,031	Therapeutic Heating and Cooling Via Temperature Management of a Colon-Inserted Balloon	USA	Published
090US01	n/a	60/273,726	Internally Reinforced Bond for Cylindrical Catheters	USA	Abandoned
095US01	n/a	60/273,452	Internal Adhesive Application Probe for Bonding of a Polymer Substrate Tubing to a Metallic Substrate Heat Transfer Element	USA	Abandoned
100US01	n/a	60/270,525	Method and Apparatus for Regulating Patient Temperature by Irrigating the Bladder with a Fluid	USA	Abandoned
102US01	n/a	60/272,550	Method and Apparatus for Inhibiting Tissue Damage During Cryo-Ablation	USA	Abandoned
103US01	6,602,276	09/787,599	Circulating Fluid Hypothermia Method and Apparatus	USA	Issued
103US02	20040087934	10/608,978	Circulating Fluid Hypothermia Method and Apparatus	USA	Published
104US01	n/a	60/281,771	Mixing-Inducing Heat Transfer Element	USA	Abandoned
105US01	6,685,732	09/932,402	Circulating Fluid Hypothermia Method and Apparatus	USA	Issued
105US02	20040147914	10/753,913	Circulating Fluid Hypothermia Method and Apparatus	USA	Published
106US01	n/a	60/311,589	Optimal Rewarming Strategies	USA	Abandoned
107US01	6,830,581	10/216,487	Inflatable Catheter for Selective Organ Heating and Cooling and Method of Using the Same	USA	Issued
107US02	20050096715	11/003,220	Inflatable Catheter for Selective Organ Heating and Cooling and Method of Using the Same	USA	Published

Innercool Therapies Patents

Docket #	Patent or Publication	Serial #	Title	Jurisdiction	Status
[illegible]	20050131502	10/925,043	Inflatable Catheter for Selective Organ Heating and Cooling and Method of Using the Same	USA	Published
[illegible]	WO 03/013344	US02/25327	Method and Device for Patient Temperature Control Employing Optimized Rewarming	WIPO	Did Not Go National Phase
[illegible]	n/a	60/312,409	Controlling the Application of Hypothermia	USA	Abandoned
[illegible]	n/a	60/316,057	Controlling Hypothermia	USA	Abandoned
[illegible]	n/a	60/316,922	Novel Antishiver Drugs and Regimens	USA	Abandoned
[illegible]	n/a	60/322,945	Novel Antishiver Drugs and Regimens	USA	Abandoned
[illegible]	n/a	60/328,259	Single Operator Exchange Coaxially Cooling Catheter	USA	Abandoned
[illegible]	n/a	60/328,320	Temperature Projection Method in a cAtheter Mounted Temperature Sensor	USA	Abandoned
[illegible]	6,719,779	10/007,545	Improved Circulation Set for Temperature-Controlled Catheter and Method of Using the Same	USA	Issued
[illegible]	7,004,960 20040102825	10/703,882	Improved Circulation Set for Temperature-Controlled Catheter and Method of Using the Same	USA	Issued
[illegible]	WO 02/38091	US01/46555	Circulation Set for Temperature-Controlled Catheter and Method of Using Same		Did Not Go National Phase
[illegible]	6,585,752	10/005,416	Fever Regulation Method and Apparatus	USA	Issued
[illegible]	20030187489	10/411,001	Fever Regulation Method and Apparatus	USA	Published
[illegible]		246582/02	Fever Regulation Method and Apparatus	Australia	Pending
[illegible]		2455435	Fever Regulation Method and Apparatus	Canada	Pending
[illegible]		01994155.8	Fever Regulation Method and Apparatus	Europe	Pending
[illegible]		2002-555861	Fever Regulation Method and Apparatus	Japan	Pending
[illegible]	WO 02/055129	US01/46565	Fever Regulation Method and Apparatus	WIPO	National Phase
[illegible]	n/a	60/336,783	Antishiver Drugs and Regimens	USA	Abandoned
[illegible]	6,905,494 20020156469	10/086,585	Method and Device for Performing Colling-or Cryo-Therapies for, E.G., Angioplasty with reduced Restenosis or Pulmonary Vein Cell Necrosis to Inhibit Atrial Fibrillation Employing Tissue Protection	USA	Issued

Innercool Therapies Patents

Docket #	Patent or Publication	Serial #	Title	Jurisdiction	Status
111P002	20050228368	11/151,488	Method and Device for Performing Colling-or Cryo-Therapies for, E.G., Angioplasty with reduced Restenosis or Pulmonary Vein Cell Necrosis to Inhibit Atrial Fibrillation Employing Tissue Protection	USA	Published
111PWO1	WO 02/069862	US02/06349	Method and Device for Performing Colling-or Cryo-Therapies for, E.G., Angioplasty with reduced Restenosis or Pulmonary Vein Cell Necrosis to Inhibit Atrial Fibrillation Employing Tissue Protection	WIPO	Did Not Go National Phase
111P001	6,702,841	10/117,733	Mixing-inducing Heat Transfer Element	USA	Issued
111P002	20040172109	10/795,733	Mixing-inducing Heat Transfer Element	USA	Allowed
111PWO1	WO 02/060810	US02/10473	Method for Manufacturing a Heat Transfer Element for In Vivo Cooling	WIPO	Did Not Go National Phase
112P001	7,001,378 20030125721	10/110,360	Circulating Fluid Hypothermia Method and Apparatus	USA	Issued
112P002	20040267250	10/892,590	Circulating Fluid Hypothermia Method and Apparatus	USA	Published
112P003	n/a	10/200,028	Circulating Fluid Hypothermia Method and Apparatus	USA	Abandoned
112P004	20040220559	10/855,549	Circulating Fluid Hypothermia Method and Apparatus	USA	Abandoned
112WO1	WO 03/028524	US02/25045	Preparation of Working Fluid for Use in Cryotherapies	WIPO	Did Not Go National Phase
122P001	6,869,440	10/216,405	Controlling the Application of Hypothermia	USA	Issued
122P002	20050171586	11/085,700	Method and Apparatus for Patient Temperature Control Employing Administration of Anti-Shivering Agents	USA	Published
122WO1	WO 03/015672	US02/25651	Method and Apparatus for Patient Temperature Control Employing Administration of Anti-Shivering Agents	WIPO	Did Not Go National Phase
123P001	6,974,463 20030088299	10/219,874	Controlling the Application of Hypothermia	USA	Issued
123P002		11/299,708	System and Method for Patient Temperature Control Employing Temperature Projection Algorithm	USA	Pending
123AU1		326640/02	System and Method for Patient Temperature Control Employing Temperature Projection Algorithm	Australia	Pending
123CA1		2454607	System and Method for Patient Temperature Control Employing Temperature Projection Algorithm	Canada	Pending

Innercool Therapies Patents

Docket #	Patent or Publication #	Application Serial #	Title	Jurisdiction	Status
1023EP01		02761366.0	System and Method for Patient Temperature Control Employing Temperature Projection Algorithm	Europe	Pending
1023JP01		2003-520434	System and Method for Patient Temperature Control Employing Temperature Projection Algorithm	Japan	Pending
1023WO1	WO 03/015673	US02/25824	System and Method for Patient Temperature Control Employing Temperature Projection Algorithm	WIPO	National Phase
1200P1	n/a	60/449,809	Method of Making Heat Transfer Elements	USA	Abandoned
1200P2	n/a	60/449,765	Temperature Projections	USA	Abandoned
1200P3	n/a	60/449,815	Alternate Methods of Pressure Measurement	USA	Abandoned
1200P4	n/a	60/449,803	Embedded Temperature Sensor	USA	Abandoned
1200P5	n/a	60/449,764	Method of Setting Pressure Within a Heat Transfer Element	USA	Abandoned
1200P6	n/a	60/449,816	Method of Making Heat Transfer Elements	USA	Abandoned
1200P7	n/a	60/451,095	Molded Manufacture of a Heat Transfer Element	USA	Abandoned
1200P8	n/a	60/456,137	Flux Drift as Spatial Integrator for Temperature Sensing	USA	Abandoned
1320P1	n/a	60/504,145	Temperature Monitor for Intravascular Heat Transfer Element	USA	Abandoned
1330P1	n/a	60/523,432	Low Fluid Level Detector System	USA	Abandoned
1340P1	n/a	60/527,109	Induction of Hypothermia by Infusion of Saline Slush (Liquid/Ice Mixture)	USA	Abandoned
1350P1	20040267339	10/767,782	System and Method for Inducing Hypothermia with Active Patient Temperature Control Employing Catheter-Mounted Temperature Sensor and Temperature Projection Algorithm	USA	Published
1350WO1	WO 04/075949	US04/005399	System and Method for Inducing Hypothermia with Active Patient Temperature Control Employing Catheter-Mounted Temperature Sensor and Temperature Projection Algorithm	WIPO	Did Not Go National Phase
1360P1	20040210285	10/785,389	Method of Making Heat Transfer Elements	USA	Published
1370P1	20040199230	10/785,394	Alternate Methods of Pressure Measurement	USA	Published
1380P1		60/604,832	Method and Apparatus for Patient Temperature Control Employing Administration of Anit-Shivering Agents	USA	Abandoned
1380P2		11/213,634	Method and Apparatus for Patient Temperature Control Employing Administration of Anit-Shivering Agents	USA	Pending

Innercool Therapies Patents

Docket #	Patent/Publication	Serial #	Title	Jurisdiction	Status
[illegible]	20050076924	10/934,086	Inflatable Catheter for Selective Organ Heating and Cooling and Method of Using the Same	USA	Published
[illegible]	20050155427	10/992,924	Low Fluid Detector System	USA	Published
[illegible] 140WO1		US04/039170	Low Fluid Detector System	WIPO	Did Not Go National Phase
[illegible]	20050120734	11/006,229	Induction of Hypothermia by Infusion of Saline Slush (Liquid/Ice Mixture)	USA	Published
[illegible]		60/740,460	Method and Apparatus for Patient Temperature Control Employing Titration of Therapy Using EEG Signals	USA	Pending