PATENT ASSIGNMENT

Electronic Version v1.1
Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	Patent Security Agreement

CONVEYING PARTY DATA

Name	Execution Date
Bristol Compressors International, Inc.	05/09/2007

RECEIVING PARTY DATA

Name:	General Electric Capital Corporation
Street Address:	299 Park Avenue, 3rd Floor
City:	New York
State/Country:	NEW YORK
Postal Code:	10171

PROPERTY NUMBERS Total: 67

Property Type	Number
Patent Number:	4995791
Patent Number:	5123816
Patent Number:	5164552
Patent Number:	5174540
Patent Number:	5196654
Patent Number:	5238370
Patent Number:	5326231
Patent Number:	5538404
Patent Number:	5542341
Patent Number:	5551851
Patent Number:	5588810
Patent Number:	5588820
Patent Number:	5593295
Patent Number:	5997258
Patent Number:	6030192

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Patent Number:	6037725
Patent Number:	6040679
Patent Number:	6092993
Patent Number:	6099259
Patent Number:	6132177
Patent Number:	6172476
Patent Number:	6217287
Patent Number:	6276154
Patent Number:	6331925
Patent Number:	6354092
Patent Number:	6389823
Patent Number:	6422346
Patent Number:	6446451
Patent Number:	6457561
Patent Number:	6499971
Patent Number:	6551069
Patent Number:	6579076
Patent Number:	6584791
Patent Number:	6591621
Patent Number:	6609896
Patent Number:	6616416
Patent Number:	6637216
Patent Number:	6663358
Patent Number:	6684755
Patent Number:	6708519
Patent Number:	6781342
Patent Number:	6807821
Patent Number:	6823686
Patent Number:	6840746
Patent Number:	6848495
Patent Number:	6896495
Patent Number:	6900573
Patent Number:	6901675
Patent Number:	6935221
Patent Number:	6935848

Patent Number:	6953324
Patent Number:	6971860
Patent Number:	7037091
Patent Number:	7070397
Patent Number:	7074022
Application Number:	11428942
Application Number:	11460400
Application Number:	11464586
Application Number:	10617329
Application Number:	10764399
Application Number:	10764400
Application Number:	10967431
Application Number:	11021802
Application Number:	11153184
Application Number:	11189527
Application Number:	11240976
Application Number:	11196182

CORRESPONDENCE DATA

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NAME OF SUBMITTER:	Shannon L. McGuire

Total Attachments: 18

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PATENT SECURITY AGREEMENT

This PATENT SECURITY AGREEMENT (this "Agreement"), dated as of May 9, 2007, is by BRISTOL COMPRESSORS INTERNATIONAL, INC., a Delaware corporation ("Grantor"), in favor of GENERAL ELECTRIC CAPITAL CORPORATION, a Delaware corporation, in its capacity as Agent for Lenders ("Agent").

WITNESSETH:

WHEREAS, pursuant to that certain Credit Agreement, dated as of the date hereof, by and among Grantor, the Persons named therein as Credit Parties, Agent, GE Capital Financial, Inc., as an L/C Issuer, and the other Lenders signatory thereto from time to time (including all annexes, exhibits or schedules thereto, and as from time to time amended, restated, supplemented or otherwise modified, the "Credit Agreement"), Lenders have agreed to make the Loans and to incur Letter of Credit Obligations for the benefit of Grantor;

WHEREAS, Agent and Lenders are willing to make the Loans and to incur Letter of Credit Obligations as provided for in the Credit Agreement, but only upon the condition, among others, that Grantor shall have executed and delivered to Agent, for itself and the ratable benefit of Lenders, that certain Security Agreement dated as of the date herewith (including all annexes, exhibits or schedules thereto, as from time to time amended, restated, supplemented or otherwise modified, the "Security Agreement") among Grantor, Agent, and the other Credit Parties party thereto;

WHEREAS, pursuant to the Security Agreement, Grantor is required to execute and deliver to Agent, for itself and the ratable benefit of Lenders, this 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, Grantor hereby agrees as follows:

1. DEFINED TERMS. All capitalized terms used but not otherwise defined herein have the meanings given to them in Annex A thereto to the Credit Agreement.

2. GRANT OF SECURITY INTEREST IN PATENT COLLATERAL. Grantor hereby grants to Agent, on behalf of itself and Lenders, a continuing first priority security interest in all of 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 Licenses to which it is a party including those 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, without limitation, any claim by Grantor against third parties for past, present or future infringement or dilution of any Patent or any Patent licensed under any Patent License.

3. SECURITY AGREEMENT. The security interests granted pursuant to this Agreement are granted as a supplement to and in conjunction with the security interests granted to Agent, on behalf of itself and Lenders, pursuant to the Security Agreement. The purpose of this Agreement is to enable Agent, on behalf of itself and the Lenders, to record a security interest in each of Grantor's Patents and Patent Licenses at the United States Patent and Trademark Office. 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.

[*Signature page follows*]

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

BRISTOL COMPRESSORS
INTERNATIONAL, INC.

By: _____
Name: Richard A. Izor
Title: President

(Signature page to Patent Security Agreement)

ACTIVE/1640717

ACCEPTED AND ACKNOWLEDGED BY:

GENERAL ELECTRIC CAPITAL CORPORATION,
as Agent

By: _____
Name: STEVEN FLOWERS
Title: Duly Authorized Signatory

ACKNOWLEDGMENT OF GRANTOR

COMMONWEALTH OF VIRGINIA)
) ss.
COUNTY OF Washington)

On this 9th day of May, 2007 before me personally appeared Richard A. Izor, proved to me on the basis of satisfactory evidence to be the person who executed the foregoing instrument on behalf of Bristol Compressors International, Inc., who being by me duly sworn did depose and say that he is an authorized officer of said corporation, that the said instrument was signed on behalf of said corporation as authorized by its Board of Directors and that he acknowledged said instrument to be the free act and deed of said corporation.

Notary Public

{seal}

SCHEDULE I
TO
PATENT SECURITY AGREEMENT

PATENT REGISTRATIONS

Patent No.	Issue Date	Title	Filing Date	Expiration Date
4,995,791[i]	26-Feb-91	REFRIGERANT GAS COMPRESSOR UNIT	25-Nov-88	25-Nov-08
5,123,816	23-Jun-92	COMPRESSOR SUCTION NOISE ATTENUATOR AND ASSEMBLY	2-Apr-91	2-Apr-11
5,164,552	17-Nov-92	COMPRESSOR SUCTION NOISE ATTENUATOR AND ASSEMBLY METHOD	27-Dec-90	27-Dec-10
5,174,540	29-Dec-92	VIBRATION ISOLATING MOUNTING GROMMET	5-Aug-91	29-Dec-12
5,196,654	23-Mar-93	COMPRESSOR DISCHARGE MUFFLER CONSTRUCTION	19-Mar-91	19-Mar-11
5,238,370	24-Aug-93	COMPRESSOR SUCTION GAS FEED AND NOISE ATTENUATOR ASSEMBLY	19-Mar-91	19-Mar-11
5,326,231	5-Jul-94	GAS COMPRESSOR CONSTRUCTION AND ASSEMBLY	12-Feb-93	12-Feb-13
5,538,404	23-Jul-96	COMPRESSOR UNIT SHELL CONSTRUCTION	17-Mar-95	17-Mar-15
5,542,341	6-Aug-96	WRIST PIN CONSTRUCTION	24-Aug-94	24-Aug-14
5,551,851	3-Sep-96	SCROLL COMPRESSOR CONSTRUCTION AND METHOD OF ASSEMBLY	3-Feb-95	3-Feb-15
5,588,810[ii]	31-Dec-96	LOW NOISE REFRIGERANT COMPRESSOR	1-Sep-95	1-Sep-15
5,588,820	31-Dec-96	SCROLL COMPRESSOR HAVING AN AXIAL COMPLIANCE PRESSURE CHAMBER	21-Feb-95	21-Feb-15
5,593,295	14-Jan-97	SCROLL COMPRESSOR CONSTRUCTION HAVING AN AXIL COMPLIANCE MECHANISM	19-Apr-95	19-Apr-15

[i] The assignment of this patent to Bristol Compressors International, Inc. will be completed post-Closing.
[ii] Bristol Compressors International, Inc. is not in possession of supporting documentation for this patent.

Schedule I to Patent Security Agreement

Patent No.	Issue Date	Title	Filing Date	Expiration Date
5,997,258[iii]	7-Dec-99	LOW NOISE REFRIGERANT COMPRESSOR HAVING CLOSED SHELLS AND ABSORBING SPACERS	20-May-96	20-May-16
6,030,192[iii]	29-Feb-00	SCROLL COMPRESSOR HAVING BEARING STRUCTURE IN THE ORBITING SCROLL TO ELIMINATE TIPPING FORCES	26-Nov-97	23-Dec-14
6,037,725	14-Mar-00	TWO STEP POWER OUTPUT MOTOR	28-Nov-97	28-Jan-18
6,040,679	21-Mar-00	VARIABLE CAPACITY COMPRESSOR HAVING TWO-STEP MOTOR STRENGTH ADJUSTABILITY	6-Feb-98	6-Feb-18
6,092,993	25-Jul-00	ADJUSTABLE CRANKPIN THROW STRUCTURE HAVING IMPROVED THROW STABILIZING MEANS	14-Aug-97	14-Aug-17
6,099,259	8-Aug-00	VARIABLE CAPACITY COMPRESSOR	26-Jan-98	26-Jan-18
6,132,177	17-Oct-00	TWO STAGE RECIPROCATING COMPRESSORS AND ASSOCIATED HVAC SYSTEMS AND METHODS	13-Aug-98	13-Aug-18
6,172,476	9-Jan-01	TWO STEP POWER OUTPUT MOTOR AND ASSOCIATED HVAC SYSTEMS AND METHODS	13-Aug-98	13-Aug-18
6,217,287	17-Apr-01	VARIABLE CAPACITY COMPRESSOR HAVING ADJUSTABLE CRANKPIN THROW STRUCTURE	22-Jan-99	26-Jan-18
6,276,154	21-Aug-01	TWO STEP METERING DEVICE	4-Feb-00	4-Feb-20
6,331,925[iii]	18-Dec-01	TWO STAGE RECIPROCATING COMPRESSORS AND ASSOCIATED HVAC SYSTEMS AND METHODS	29-Jun-00	13-Aug-18
6,354,092	12-Mar-02	METHOD AND VALVE FOR ARRESTING LIQUID AT INTAKE OF REFRIGERATION COMPRESSOR	21-Aug-00	20-Aug-20
6,389,823[iii]	21-May-02	TWO STAGE RECIPROCATING COMPRESSORS AND ASSOCIATED HVAC SYSTEM AND METHODS	29-Jun-00	13-Aug-18
6,422,346	23-Jul-02	LUBRICATING OIL PUMPING SYSTEM	3-Dec-99	3-Dec-19
6,446,451	10-Sep-02	VARIABLE CAPACITY COMPRESSOR HAVING ADJUSTABLE CRANKPIN THROW STRUCTURE	30-Mar-01	30-Mar-21
6,457,561	1-Oct-02	VISCOUS PUMPING SYSTEM	25-May-00	25-May-20

[iii] This patent is owned by Bristol Compressors International, Inc. because such patent's parent was properly assigned to Bristol Compressors International, Inc.

Schedule I to Patent Security Agreement

Patent No.	Issue Date	Title	Filing Date	Expiration Date
6,499,971	31-Dec-02	COMPRESSOR UTILIZING SHELL WITH LOW PRESSURE SIDE MOTOR AND HIGH PRESSURE SIDE OIL SUMP	1-Dec-00	1-Dec-20
6,551,069	22-Apr-03	COMPRESSOR WITH A CAPACITY MODULATION SYSTEM UTILIZING A RE-EXPANSION CHAMBER	11-Jun-01	11-Jun-21
6,579,076	17-Jun-03	SHAFT LOAD BALANCING SYSTEM	23-Dec-01	23-Dec-21
6,584,791	1-Jul-03	PRESSURE EQUALIZATION SYSTEM AND METHOD	5-Apr-01	5-Apr-21
6,591,621[iii]	15-Jul-03	TWO STAGE RECIPROCATING COMPRESSORS AND ASSOCIATED HVAC SYSTEMS AND METHODS	9-May-02	13-Aug-18
6,609,896	26-Aug-03	DEVICE AND METHOD FOR REDUCING FORCES IN MECHANISMS	28-Jan-02	28-Jan-22
6,616,416	9-Sep-03	METHODS AND SYSTEM FOR MOTOR OPTIMIZATION USING CAPACITANCE AND/OR VOLTAGE ADJUSTMENTS	19-Feb-02	19-Feb-22
6,637,216	28-Oct-03	COMPRESSOR WITH INTERNAL ACCUMULATOR FOR USE IN SPLIT COMPRESSOR	22-Jan-03	22-Jan-23
6,663,358	16-Dec-03	COMPRESSORS FOR PROVIDING AUTOMATIC CAPACITY MODULATION AND HEAT EXCHANGING SYSTEM INCLUDING THE SAME	24-Jan-02	24-Jan-22
6,684,755	3-Feb-04	CRANKSHAFT, COMPRESSOR USING CRANKSHAFT, AND METHOD FOR ASSEMBLING A COMPRESSOR INCLUDING INSTALLING CRANKSHAFT	28-Jan-02	28-Jan-22
6,708,519	23-Mar-04	ACCUMULATOR WITH INTERNAL DESSICANT	30-Dec-02	30-Dec-22
6,781,342	24-Aug-04	SYSTEM AND METHOD FOR SOFT STARTING A THREE PHASE MOTOR	23-May-03	23-May-23
6,807,821[iii]	26-Oct-04	COMPRESSOR WITH INTERNAL ACCUMULATOR FOR USE IN SPLIT COMPRESSOR	20-Aug-03	20-Aug-23
6,823,686	30-Nov-04	PRESSURE EQUALIZATION SYSTEM AND METHOD	12-Jul-02	12-Jul-22
6,840,746	11-Jan-05	RESISTIVE SUCTION MUFFLER FOR REFRIGERANT COMPRESSORS	2-Jul-02	2-Jul-22
6,848,495	1-Feb-05	METHOD OF MANUFACTURING A LAMINATED ROTOR	19-May-03	19-May-23
6,896,495	24-May-05	CYLINDER HEAD AND VALVE PLATE ASSEMBLY FOR RECIPROCATING COMPRESSOR	22-May-03	22-May-23
6,900,573[iii]	31-May-05	ROTOR CORE LAMINATION FOR A LAMINATED ROTOR	30-Sep-04	19-May-23

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Patent No.	Issue Date	Title	Filing Date	Expiration Date
6,901,675	7-Jun-05	SYSTEM AND METHOD FOR SIZING A CENTER BORE OF A LAMINATED ROTOR	22-May-03	22-May-23
6,935,221	30-Aug-05	METHOD FOR MANUFACTURING AN ALUMINUM DIE CAST PISTON FOR RECIPROCATING COMPRESSORS	26-Mar-03	26-Mar-23
6,935,848	30-Aug-05	DISCHARGE MUFFLER PLACEMENT IN A COMPRESSOR	19-May-03	19-May-23
6,953,324[iii]	11-Oct-05	ADJUSTABLE CRANKPIN THROW STRUCTURE HAVING IMPROVED THROW STABILIZATION MEANS	31-May-00	14-Aug-17
6,971,860	6-Dec-05	COMPRESSOR UNIT HOUSING AND METHODS OF ALIGNMENT	2-May-03	2-May-23
7,037,091	2-May-06	CRANKCASE HEATER MOUNTING FOR A COMPRESSOR	19-May-03	19-May-23
7,070,397	4-Jul-06	COMPRESSOR SUCTION GAS FEED ASSEMBLY	30-Apr-03	30-Apr-23
7,074,022[iii]	11-Jul-06	DISCHARGE VALVE ASSEMBLY FOR RECIPROCATING COMPRESSORS	25-Feb-05	22-May-23

Schedule I to Patent Security Agreement

The following are pending U.S. Patent applications:

Application No.	File date	Publication No.	Title	Comment
11/428,942	26-Jul-06		HIGH-FREQUENCY CONTROL OF DEVICES INTERNAL TO A HERMETIC COMPRESSOR	
11/460,400	27-Jul-06		LOGIC FOR SELF-MODULATING SEQUENCING	
11/464,586	15-Aug-06		SYSTEM AND METHOD FOR COMPRESSOR CAPACITY MODULATION IN A HEAT PUMP	
10/617,329	10-Jul-03	2004/0055458	RECIPROCATING COMPRESSOR WITH A LINEAR MOTOR	Linear to rotary motion
10/764,399	23-Jan-04	2004/0148951	SYSTEM AND METHOD FOR STEPPED CAPACITY MODULATION IN A REFRIGERATION SYSTEM	DUAL TS - 8 Steps of capacity modulation
10/764,400	23-Jan-04	2005/0053486	OFFSET MOUNTING FOOT	BENCHMARK - Foot Plate design
10/967,431	18-Oct-04	2005/0066673	PRESSURE EQUALIZATION SYSTEM AND METHOD	
11/021,802	23-Dec-04	2005/0135943	MOLDED COMPRESSOR BASE	
11/153,184	15-Jun-05	2005/0238520	COMPRESSOR UNIT HOUSING AND METHODS OF ALIGNMENT	
11/189,527	26-Jul-05	2005/0276711	MUFFLER SYSTEM FOR A COMPRESSOR	

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Application No.	File date	Publication No.	Title	Comment
11/240,976	30-Sep-05	2006/0083647	SYSTEM AND METHOD FOR REDUCING NOISE IN MULTI-CAPACITY COMPRESSORS	TS Bleed Port in cylinder bore to prevent throwblock chatter
11/196,182	3-Aug-05	2007/0032909	SYSTEM AND METHOD FOR COMPRESSOR CAPACITY MODULATION	

Schedule I to Patent Security Agreement

The following are granted foreign patents:

Patent No.	Filing Date	Issue Date	Expiration Date	Country	Title	Additional Information
ZL99809905.8	29-Apr-99	17-Feb-06	29-Apr-19	China	TWO STEP POWER OUTPUT MOTOR AND ASSOCIATED HVAC SYSTEMS AND METHODS	
199337	29-Apr-99	17-Feb-06	29-Apr-19	India	TWO STEP POWER OUTPUT MOTOR AND ASSOCIATED HVAC SYSTEMS AND METHODS	
520847	6-Oct-03	5-Oct-05	27-Mar-22	Korea	PRESSURE EQUALIZATION SYSTEM AND METHOD	
9811903	13-Aug-98	12-Apr-05		Brazil	TWO STAGE RECIPROCATING COMPRESSORS AND ASSOCIATED HVAC SYSTEMS AND METHODS	
69832882	13-Aug-98	18-Jan-07		Germany	TWO STAGE RECIPROCATING COMPRESSORS AND ASSOCIATED HVAC SYSTEMS AND METHODS	
1003971	13-Aug-98	21-Dec-05		European Union	TWO STAGE RECIPROCATING COMPRESSORS AND ASSOCIATED HVAC SYSTEMS AND METHODS	Designated Belguim, Germany and Great Britain
134413	13-Aug-98	15-Dec-04		Israel	TWO STAGE RECIPROCATING COMPRESSORS AND ASSOCIATED HVAC SYSTEMS AND METHODS	
459052	2-Aug-90	3-Jan-95		European Union	REFRIGERANT GAS COMPRESSOR UNIT	
EP1373733		10-Jan-07		European Union	VARIABLE CAPACITY COMPRESSOR HAVING ADJUSTABLE CRANKPIN THROW STRUCTURE	Designated Belguim, Germany and Great Britain
1051571	29-Mar-02	30-Jul-03		European Union	VARIABLE CAPACITY COMPRESSOR HAVING ADJUSTABLE CRANKPIN THROW STRUCTURE	Designated Belguim, Germany and Great Britain

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Patent No.	Filing Date	Issue Date	Expiration Date	Country	Title	Additional Information
1129714		3-Dec-03		China	VARIABLE CAPACITY COMPRESSOR HAVING ADJUSTABLE CRANKPIN THROW STRUCTURE	
EP01998738.7				European Union		Unable to cross-reference; annuities are being paid
37223				Korea	VARIABLE CAPACITY COMPRESSOR HAVING ADJUSTABLE CRANKPIN THROW STRUCTURE	Information incomplete; annuities are being paid
42034				Korea	VARIABLE CAPACITY COMPRESSOR HAVING ADJUSTABLE CRANKPIN THROW STRUCTURE	Information incomplete; annuities are being paid
7008163				Korea		Unable to cross-reference; annuities are being paid
40963				Korea		Unable to cross-reference; annuities are being paid
137486				Israel	VARIABLE CAPACITY COMPRESSOR HAVING ADJUSTABLE CRANKPIN THROW STRUCTURE	
37221				Korea		Information incomplete; annuities are being paid
PI0312420-7		7-Jan-03		Brazil		

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Patent No.	Filing Date	Issue Date	Expiration Date	Country	Title	Additional Information
EP1051571		30-Jul-03		European Union	VARIABLE CAPACITY COMPRESSOR HAVING ADJUSTABLE CRANKPIN THROW STRUCTURE	
EP1003971		21-Dec-05		European Union	TWO STAGE RECIPROCATING COMPRESSORS AND ASSOCIATED HVAC SYSTEMS AND METHODS	
EP459052		14-Dec-94		European Union	Refrigerant gas compressor construction	
DE69909968		4-Mar-04		Germany	VERDICHTER MIT VERAENDERLICHER FOERDERMENGE UND EINSTELLBARE KURBELTRIEBANORDNUNG	
DE69832882		29-Jun-06		Germany	DOPPELFOERDERMENGENVERDICHTER, ZUGEHOERIGES LUFTKONDITIONIERUNGSSYSTEM UND VERFAHREN	
EP 1373733		10-Jan-07		European Union	Variable Capacity Compressor Having Adjustable Crankpin Throw Structure	
ES 2066136T		1-Mar-95		Spain	Refrigerant Gas Compressor Construction	

Schedule I to Patent Security Agreement

The following are pending foreign patent applications:

App. No./Pub No.	File/Pub date	Country	Title
2.0038E+11	30-Dec-03	China	ACCUMULATOR WITH INTERNAL DESSICANT
169455	30-Dec-03	Israel	ACCUMULATOR WITH INTERNAL DESSICANT
2004/564935	30-Dec-03	Japan	ACCUMULATOR WITH INTERNAL DESSICANT
PI0317873-0	30-Dec-03	Brazil	ACCUMULATOR WITH INTERNAL DESSICANT
3800412.3	30-Dec-03	European Union	ACCUMULATOR WITH INTERNAL DESSICANT
PI9913015-7	29-Apr-99	Brazil	TWO STEP POWER OUTPUT MOTOR AND ASSOCIATED HVAC SYSTEMS AND METHODS
141267	29-Apr-99	Israel	TWO STEP POWER OUTPUT MOTOR AND ASSOCIATED HVAC SYSTEMS AND METHODS
10-2001-7001882	29-Apr-99	Korea	TWO STEP POWER OUTPUT MOTOR AND ASSOCIATED HVAC SYSTEMS AND METHODS
2001/001614	29-Apr-99	Mexico	TWO STEP POWER OUTPUT MOTOR AND ASSOCIATED HVAC SYSTEMS AND METHODS
19983505.5	29-Apr-99	Germany	TWO STEP POWER OUTPUT MOTOR AND ASSOCIATED HVAC SYSTEMS AND METHODS
02808697.X	27-Mar-02	China	PRESSURE EQUALIZATION SYSTEM AND METHOD
2721621.7	27-Mar-02	European Union	PRESSURE EQUALIZATION SYSTEM AND METHOD
158078	27-Mar-02	Israel	PRESSURE EQUALIZATION SYSTEM AND METHOD
PCT/US2005037231	17-Oct-05	international	PRESSURE EQUALIZATION SYSTEM AND METHOD
CN1671963	1-Jul-03	China	RESISTIVE SUCTION MUFFLER FOR REFRIGERANT COMPRESSORS
3763078.7	1-Jul-03	European Union	RESISTIVE SUCTION MUFFLER FOR REFRIGERANT COMPRESSORS
2004/519724	1-Jul-03	Japan	RESISTIVE SUCTION MUFFLER FOR REFRIGERANT COMPRESSORS
PCT/US2005/037216	14-Oct-05	international	SYSTEM AND METHOD FOR REDUCING NOISE IN MULTI-CAPACITY COMPRESSORS
WO 2007/019282	3-Aug-06	international	SYSTEM AND METHOD FOR COMPRESSOR CAPACITY MODULATION

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App. No./Pub No.	File/Pub date	Country	Title
CN1529793	10-Jun-02	China	COMPRESSOR WITH CAPACITY MODULATIONSYSTEM UTILIZING RE-EXPANSION CHAMBER
EP1478853	28-Jan-03	European Union	VARIABLE CAPACITY COMPRESSOR AND HEAT EXCHANGING SYSTEM
BR9907750	26-Jan-99	Brazil	VARIABLE CAPACITY COMPRESSOR HAVING ADJUSTABLE CRANKPIN THROW STRUCTURE
BRPI0208187	29-Mar-02	Brazil	VARIABLE CAPACITY COMPRESSOR HAVING ADJUSTABLE CRANKPIN THROW STRUCTURE
CN1498312	29-Mar-02	China	VARIABLE CAPACITY COMPRESSOR HAVING ADJUSTABLE CRANKPIN THROW STRUCTURE
AU1989402	28-Nov-01	Australia	COMPRESSOR UTILIZING SHELL WITH LOW PRESSURE SIDE MOTOR AND HIGH PRESSURE SIDE OIL SUMP
BR0115840	28-Nov-01	Brazil	COMPRESSOR UTILIZING SHELL WITH LOW PRESSURE SIDE MOTOR AND HIGH PRESSURE SIDE OIL SUMP
CN1507540	28-Nov-01	China	HERMETIC COMPRESSOR
EP1339987	28-Nov-01	European Union	HERMETIC COMPRESSOR
19988009522	13-Aug-98	China	TWO STAGE RECIPROCATING COMPRESSORS AND ASSOCIATED HVAC SYSTEMS AND METHODS
19988009522	26-Jan-99	Brazil	VARIABLE CAPACITY COMPRESSOR HAVING ADJUSTABLE CRANKPIN THROW STRUCTURE
2002PI09187	29-Mar-02	Brazil	VARIABLE CAPACITY COMPRESSOR HAVING ADJUSTABLE CRANKPIN THROW STRUCTURE
19998003424	26-Jan-99	China	VARIABLE CAPACITY COMPRESSOR HAVING ADJUSTABLE CRANKPIN THROW STRUCTURE
20028006729	29-Mar-02	China	VARIABLE CAPACITY COMPRESSOR HAVING ADJUSTABLE CRANKPIN THROW STRUCTURE

Bristol Compressors International, Inc. is preparing patent applications for the following inventions which will be filed post-Closing:

App. No./Pub No.	Title
UNFILED	BALANCE TECHNIQUE FOR 1 CYLINDER REFRIGERATION COMPRESSORS
UNFILED	THERMOSTAT ON EVAPORATOR TO CONTROL BLOWER SPEED
UNFILED	INTEGRATED VARIABLE (OR 2-STEP) FREQUENCY DRIVE (VFD)
UNFILED	HERMETIC CRANKCASE HEATER
UNFILED	INTEGRATED VARIABLE FREQUENCY DRIVE-COMMON INVERTER
UNFILED	INTEGRATED VARIABLE FREQUENCY DRIVE-COMMON DC BUS
UNFILED	SYSTEM AND METHOD FOR USING FEEDTHRU TYPE TERMINALS IN A COMPRESSOR SHELL
UNFILED	BLEED TO BORE START ASSIST
UNFILED	SM Valve: Valve design for manufacturability details (tolerancing for alignment, spherical seats, clearances).
UNFILED	Optimization details of a single self-modulated valve scroll scompressor: One valve scroll SM operation and optimization of discharge porting and intermediate pressure due to asymmetry
UNFILED	Externally actuated SM valve: Full modulation using discharge pressure applied to SM valves via externally actuated sloenoid
UNFILED	High accuracy open set point on SM valve achieved at assembly: Using automated pressure setting device at valve assembly to accheive high accuracy on valve differential pressure set point.
UNFILED	SM valve body integral to fixed scroll: Valve components are assembled into the fixed scroll to reduce manufacturing costs, etc.
UNFILED	High Frequency Control of Devices Internal to a Hermetic Compressor: Using the power leads to carry control data internal to the compressor shell in a frequency range outside the normal power frequency.

App. No./Pub No.	Title
UNFILED	SM system control scheme: Logic for sequencing in the SM valve which simplifies the valve. Compressor always starts in the low capcity mode and switches to high capacity at some set point where it remains until the thermostat set point is achieved and the compressor shuts off.
UNFILED	System and method for compressor capacity modulation: Electronic self-modulation using variable speed switch reluctance motor technology.
UNFILED	High output heat pump: Method and logic for using the capability of variable speed to increase the output of the compressor in response to a heating call from the thernmostat and some set of ambient temperature conditions that indicate the need fopr more heating capacity.