

PATENT ASSIGNMENT

Electronic Version v1.1
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| SUBMISSION TYPE: | NEW ASSIGNMENT |
| NATURE OF CONVEYANCE: | Release of Security Interest |
| CONVEYING PARTY DATA | |
| Name | Execution Date |
| York International Corporation, a DE Corp. | 06/30/1992 |
| RECEIVING PARTY DATA | |
| Name: | Canadian Imperial Bank of Commerce |
| Street Address: | 425 Lexington Avenue |
| City: | New York |
| State/Country: | NEW YORK |
| Postal Code: | 10017 |
| PROPERTY NUMBERS Total: 5 | |
| Property Type | Number |
| Patent Number: | 5168960 |
| Patent Number: | 5080130 |
| Patent Number: | 5106278 |
| Patent Number: | 5164552 |
| Patent Number: | 5203857 |
| CORRESPONDENCE DATA | |
| Fax Number: | (617)439-4170 |
| <i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i> | |
| Phone: | (401) 276-6653 |
| Email: | lrollins@eapdlaw.com |
| Correspondent Name: | George N. Chaclas |
| Address Line 1: | 101 Federal Street |
| Address Line 4: | Boston, MASSACHUSETTS 02110 |
| ATTORNEY DOCKET NUMBER: | 301132.0001 |
| NAME OF SUBMITTER: | George N. Chaclas |

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Total Attachments: 22

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RELEASE OF SECURITY INTEREST (PATENT)

Whereas, by a SECOND AMENDED AND RESTATED SECURITY AGREEMENT (PATENT), dated as of December 31, 1991 (amending and restating the Amended and Restated Security Agreement (Patent), dated as of October 9, 1991, which amended and restated the Security Agreement (Patent), dated as of December 15, 1988) (the "Patent Agreement"); recorded with the United States Patent and Trademark Office on or about February 4, 1992 at Patent Reel 6007, Frame 123; on or about January 31, 1992 at Patent Reel 5994, Frame 916; on or about May 2, 1989 at Patent Reel 5156, Frame 705, respectively, York International Corporation, a Delaware corporation ("York"), granted to CANADIAN IMPERIAL BANK OF COMMERCE, a Canadian chartered bank acting through its New York Agency ("CIBC-NYA"), as collateral agent (in such capacity, the "Collateral Agent"), a security interest in its Patent Collateral, as defined below, as security under the terms of an Amended and Restated Credit Agreement, dated as of September 27, 1991, as amended by Consent and Amendment No. 1, dated as of December 31, 1991 (the "Credit Agreement");

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Whereas, Patent Collateral means:

(a) all patents and applications for patents, including each patent and patent application referred to in Item A ("Patents") of Attachment 1 hereto;

(b) all patent licenses and other agreements providing the Borrower the right to use patented technology (to the extent such licenses and other agreements do not prohibit the Borrower from granting a security interest in its rights thereunder), including each patent license referred to in Item B ("Patent Licenses") of Attachment 1 hereto;

(c) all reissues, divisions, continuations, extensions, renewals, continuations-in-part and reexaminations of any of the items described in the foregoing clauses (a) and (b); and

(d) all proceeds of, and rights associated with, the foregoing (including license royalties and proceeds of infringement suits), the right to sue third parties for past, present or future infringements of any patent or patent application, including any patent or patent application referred to in Item A ("Patents") of Attachment 1 hereto, and for breach or enforcement of any patent license or other agreement providing the Borrower with a right to use patented technology, including any patent license referred to in Item B ("Patent Licenses") of Attachment 1 hereto, and all rights corresponding throughout the world;

PATENT

REEL: 018942 FRAME: 0855

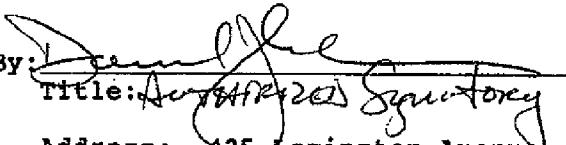
Whereas, York has fully paid, performed and satisfied all obligations under both the Patent Agreement and the Credit Agreement;

NOW, THEREFORE, pursuant to the terms of the Patent Agreement and the Credit Agreement the Collateral Agent hereby releases its security interest in the Patent Collateral.

Collateral Agent further agrees to execute and deliver all such further agreements, certificates, instruments and documents as York may reasonably request in order to carry out the intent and accomplish the purposes of this Release of Security Interest and to effect its proper recordal.

IN WITNESS WHEREOF this Release of Security Interest is executed as of June 30, 1992.

CANADIAN IMPERIAL BANK OF COMMERCE,
New York Agency as Collateral Agent

By: 
Title: *Authorized Signatory*
Address: 425 Lexington Avenue
New York, New York 10017

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ITEM A. Patents.

All as set forth in the Second Amended and Restated Security Agreement (Patent), dated as of December 31, 1991 (amending and restating the Amended and Restated Security Agreement (Patent), dated October 9, 1991, which amended and restated the Security Agreement (Patent), dated as of December 15, 1988), and as now modified by the additions and other modifications set forth below:

| <u>Patent No.</u> | <u>Inventor</u> | <u>Title</u> | <u>Issue Date</u> |
|-------------------|-----------------|--------------|-------------------|
|-------------------|-----------------|--------------|-------------------|

SEE ATTACHED

| <u>Application No.</u> | <u>Inventor</u> | <u>Title</u> | <u>Filing Date</u> |
|------------------------|-----------------|--------------|--------------------|
|------------------------|-----------------|--------------|--------------------|

SEE ATTACHED

ITEM B. Patent Licenses.

All as set forth in the Second Amended and Restated Security Agreement (Patent), dated as of December 31, 1991 (amending and restating the Amended and Restated Security Agreement (Patent), dated October 9, 1991, which amended and restated the Security Agreement (Patent), dated as of December 15, 1988), and as now modified by the additions and other modifications set forth below:

SEE ATTACHED

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Item A

U.S. PATENTS
York International Corporation

Attachment 1

| <u>Patent No.</u> | <u>inventor</u> | <u>Title</u> | <u>Issue Date</u> |
|-------------------|--------------------------------|--|-------------------|
| 3895499 | N.E. Hopkins | Absorption Refrigeration System & Method | 07/22/75 |
| 3837396 | A.B. Newton | Improvements In Vertical Surface Vapor | 09/24/74 |
| 3949566 | N.E. Hopkins | Pure Arrangement for Absorption | 04/13/76 |
| 3855482 | F.E. Wills | Solid State Switching System For Coupling An | 12/17/74 |
| 3943728 | W.E. Maudlin | Air Cooled Condenser Apparatus | 03/16/76 |
| 3885347 | S.R. Adachi & R.G. O'Neal | Damper Wind Stop & Blade Seal Design | 05/27/75 |
| 3864929 | N.E. Hopkins | Absorption Refrigeration System | 02/11/75 |
| 3906742 | A.B. Newton | Air Conditioning System | 09/23/75 |
| 3989104 | A.B. Newton | Improved Condenser Inserts | 11/02/76 |
| 4074753 | K.V. Schmittle & K.E. Starnier | Heat Transfer In Pool Boiling | 02/21/78 |
| 3864930 | N.E. Hopkins | Control For Absorption Refrigeration System | 02/11/75 |
| 3903962 | A.B. Newton | Condensate Guiding Apparatus For Vertical | 09/09/75 |
| 3884047 | W.E. Maudlin | Refrigerant Charging Method & Apparatus | 05/20/75 |
| 4075865 | F.E. Wills | Apparatus For Controlling Condenser | 02/28/78 |
| 3869874 | J.L. Ditzler | Refrigeration Apparatus With Defrosting | 03/11/75 |
| 4078393 | F.E. Wills | Control System For Controlling The Operation | 03/14/78 |

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PATENT

REEL: 018942 FRAME: 0858

| <u>Patent No.</u> | <u>Inventor</u> | <u>Title</u> | <u>Issue Date</u> |
|-------------------|---|--|-------------------|
| 4265093 | A.B. Newton | 73-17--Evaporator Feed & Control System | 05/05/81 |
| 4030315 | J.R. Harnish | Reverse Cycle Heat Pump | 06/21/77 |
| 4083397 | F.A. Kimpel & W.C. Moore | Heating - Cooling Control System | 04/11/78 |
| 3935715 | A.B. Newton | Vapor Condenser For Refrigeration System | 02/03/76 |
| 4220013 | J.R. Harnish | Pressure Compensated Control For Air Condi- | 09/02/80 |
| 4089188 | E.J. Van Lacys | Evaporator Coil | 05/16/78 |
| 4091638 | G.C. Mitch | Cooling System For Hermetic Compressor | 05/30/78 |
| 4021704 | D.K. Norbeck | Phase Sequence Correcting System For 3-Phase | 05/03/77 |
| 4027204 | D.K. Norbeck | Phase Failure Detection Circuit For Multi- | 05/31/77 |
| 4057842 | B.K. Bauman, D.K. Norbeck & D.L. Tollinge | Current Regulation System For 3-Phase Load | 11/08/77 |
| 4120173 | F.A. Kimpel | Head Pressure Control System for Refrigerat- | 10/17/78 |
| 4041727 | E.W. Maudlin | Evaporator Assembly | 08/16/77 |
| 4019992 | R.H. Krueger | Corrosion Inhibitors For Absorption | 04/26/77 |
| 4117537 | P.W. Muench | System & Method For Limiting Energy | 09/26/78 |
| 4164128 | A.B. Newton | 75-18--Absorption Refrigeration System | 08/14/79 |
| 4102390 | J.R. Harnish & L.A. Raffensberger | Control System For Heat Pump & Furnace | 07/25/78 |

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| <u>Patent No.</u> | <u>Inventor</u> | <u>Title</u> | <u>Issue Date</u> |
|-------------------|--|---|-------------------|
| 4186063 | Clarence Albertson | Boiling Heat Transfer Surface. Method of Pre | 01/29/80 |
| 4102389 | F.E. Wills | Heat Pump Control System | 07/25/78 |
| 4146085 | F.E. Wills | 76-12--Diagnostic System For A Heat Pump | 03/27/79 |
| 4151725 | K.J. Kountz, R.A. Erth, B.K. Bauman | Control System For Regulating Large | 05/01/79 |
| 4100935 | J.R. Harnish | Check Valve For Heat Pump Systems | 07/18/78 |
| 4155529 | W.E. Maudlin | Motor Mount | 05/22/79 |
| 4182137 | R.A. Erth | Liquid Cooling System For Hermetically Seale | 01/08/80 |
| 4208886 | W.E. Maudlin | 77-11--Subcooling Valve For Split Air Condi- | 06/24/80 |
| 4146920 | F.E. Wills | Pre-Charge Circuit For Aux-Comm. Inverter | 03/27/79 |
| 4252186 | K.E. Starner, H.B. Ginder & T.M. Rudy | 77-12--Condenser With Improved Heat Transfer | 02/24/81 |
| 4265299 | J.R. Harnish | 77-14--Heat Pump Control System | 05/05/81 |
| 4221116 | J.R. Harnish | Temperature Compensated Control For Air Cond | 09/09/80 |
| 4259845 | D.K. Norbeck | Logic Control System For Inverter-Driven | 04/07/81 |
| 4257238 | K.J. Kountz, K.W. Cooper, F.H. Abendschein & L.E. Sumner, Jr. | 78-4--Micro Computer Control For Inverter | 03/24/81 |
| 4317074 | R.A. Erth | 78-5--Inverter-Motor System With Different | 02/23/82 |

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| <u>Patent No.</u> | <u>Inventor</u> | <u>Title</u> | <u>Issue Date</u> |
|-------------------|--|--|----------------------------|
| 4251997 | A.B. Newton | Systems Energized From Plural Storage Tanks | 02/24/81 |
| 4351160 | | RS-1205--Capacity Control System For Screw | 09/28/82 |
| 4275987 | K.J. Kountz & D.K. Norbeck | 78-8--Adjustable Surge & Capacity Control | 06/30/81 Duplicate Case |
| 4355948 | K.J. Kountz & D.K. Norbeck | 78-8--Adjustable Surge & Capacity Control | 10/26/82 |
| 4248055 | A.D. Day III & H.P. Ginder | 78-11--Hot Gas By-Pass Control For Centrifu- | 02/03/81 |
| 4282718 | K.J. Kountz, R.A. Erth & D.K. Norbeck | 78-10--Evaporator Inlet Water Temperature | 08/11/81 |
| 4228663 | J.F. Picarello | Apparatus For Reducing Ice Build-Up On A Dis | 10/21/80 |
| 4282719 | K.J. Kountz R.A. Erth & D.K. Norbeck | Improved Control System For Regulating Large | 08/11/81 |
| 4425539 | Frank Wills | 79-6--Control System for A.C. Induction Moto | 01/10/84 |
| 4314456 | J.R. Harnish | 79-7--Refrigerant Condensing System | 02/09/82 |
| 4269261 | K.J. Kountz, K.W. Cooper & F.H. Abendschein | Micro Computer Control For Supplemental | 05/26/81 |
| 4265298 | L.E. Sumner, Jr., K.W. Cooper & F.H. Abendschein | Micro Computer Control for Supplemental Heat | 05/05/81 |
| 4311498 | D.K. Miller | 79-9--A Desuperheater Control System In | 01/19/82 |
| 4517807 | J.R. Harnish | Heat Pump Water Heater With Supplemental Heat Supply | 05/21/85 |

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| <u>Patent No.</u> | <u>Inventor</u> | <u>Title</u> | <u>Issue Date</u> |
|-------------------|---|--|-------------------|
| 4546618 | K.J. Kountz & R.A. Erth | Capacity Control Systems For Inverter-Driven | 10/15/85 |
| DE267479 | | Design For A Thermostat Housing | 01/04/83 |
| 4387368 | A.R. Day, III, & F. McMenamy | 80-11--Telemetry System For Centrifugal Wate | 06/07/83 |
| 4498622 | J.R. Harnish | 80-9--Quick Recovery Heat Pump Water Heater | 02/12/85 |
| 4407185 | R.W. Naines & M.A. Purinton | Return Air Flow Control For Variable Air | 10/04/83 |
| 4364237 | K.W. Cooper & J.E. Shaffer, Jr. | 80-17--Microcomputer Control For Inverter | 12/21/82 |
| 4558918 | J.R. Harnish | Batch-Type Water Heating Apparatus | 12/17/85 |
| 4543468 | J.E. Shaffer, Jr. & J.C. Reier | 81-14--Control System For Water Heater With | 09/24/85 |
| 4517810 | P. Foley A. Turbard | Improved Environmental Controls System | 05/21/85 |
| 4499534 | H.R. Schnetzka & F.E. Wills | 82-9--Control System For Controlling An SCR | 02/12/85 |
| 4540874 | J.E. Shaffer, Jr. & J.F. Picarello | Control For Water Heater With External Heat | 09/10/85 |
| 4539632 | J.C. Hansen & L.A. Johnson | 82-12--Programmable Maintenance Timer System | 09/03/85 |
| 4563877 | J.R. Harnish | Control System And Method For Defrosting The | 01/14/86 |
| 4554463 | D.K. Norbeck & H.R. Schnetzka | 82-16--Trigger Circuit For Solid State Switch | 11/19/85 |
| 4590771 | J.E. Shaffer, W.D. Dellinger & J.R. Harnish | Control System For Defrosting The Outdoor | 05/27/86 |
| 4706180 | F. Wills | Pulse-Width Modulated Inverter System For | 11/10/87 |

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| <u>Patent No.</u> | <u>Inventor</u> | <u>Title</u> | <u>Issue Date</u> |
|-------------------|---|--|-------------------|
| 4608833 | K.J. Kauntz | Self-Optimizing Capacity Control System For | 09/02/86 |
| 4651079 | F.E. Wills | Pulse-Width Modulated Inverter System For Driving Single Phase AC Induction Motors at Constant Voltage frequency Ratio | 03/17/87 |
| 4581900 | M.M. Lowe & R.T. Hagerman | Method & Apparatus For Detecting Surge In | 04/15/86 |
| 4584845 | J.C. Hansen & H.B. Ginder | Control System For Liquid Chilled By An Evaporator | 04/29/86 |
| 4660386 | J.C. Hansen & H.B. Ginder | Diagnostic System For Detecting Faulty Sensor in a Refrigeration System | 04/28/87 |
| 4653280 | J.C. Hansen, H.B. Ginder & L.A. Johnson | Diagnostic System For Detecting Faulty Sensor in a Liquid Chiller Air Conditioning System | 03/31/87 |
| 4864487 | F. Wills | Control for Three Terminal Power Semiconductor Device | 09/05/89 |
| 4965658 | D.K. Norbeck & H.R. Schnetzka | System For Mounting And Cooling | 10/23/90 |
| 4895005 | D.K. Norbeck | Motor Terminal Box Mounted Solid State Starter | 01/23/90 |
| 4989670 | P. Foley | Heat Exchanger | 02/05/91 |
| 5050669 | B. Bauman C. Boal | Tube Support | 09/24/91 |
| 4376902 | A.J. Soussa | Hermetic Dynamoelectric Device With Two Phase Refrigerant Cooling and Sealing | 03/15/83 |
| 4376968 | R.P. Wueschinski, et al. | Protection System For Immunizing an Inverter System Against A-C Line Voltage Disturbances | 03/15/83 |

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FRAME 0191

| <u>Patent No.</u> | <u>inventor</u> | <u>Title</u> | <u>Issue Date</u> |
|-------------------|-----------------|---|-------------------|
| 4673850 | W.E. Maudlin | Universal Motor Control System | 06/16/87 |
| D296776 | J.C. Hansen | Control Panel for Air Conditioning System | 07/19/88 |

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U.S. PATENTS
Frick Company

| <u>Patent No.</u> | <u>Inventor</u> | <u>Title</u> | <u>Issue Date</u> |
|-------------------|---|---|-------------------|
| 4840033 | M.W. Garland | Ice Builder And Control System Therefor | 06/20/89 |
| 4690759 | Z.A. Mandy | Centrifugal and Impingement Oil Separator | 09/01/87 |
| 4685310 | R. Stegmann & Z.A. Mandy | Multi-Purpose Valve Assembly | 08/00/87 |
| 4678406 | J. Pillis, D. Murphy P. Speller & P. Nemi, Jr. | Variable Volume Ratio Screw Compressor With Step Control | 07/07/87 |
| 4646526 | M. Garland | Method And Apparatus For Making Fragmentary Ice | 03/03/87 |
| 4609329 | J. Pillis & H.C. Wile | Micro-Processor Control...With An Economizer Inlet Port | 04/05/85 |
| 4553911 | J. Pillis | Variable Liquid Refrigerant Injection Port Location For Screw Compressors Equipped With Variable Volume Ratio | 11/19/85 |
| 4548549 | D. Murphy & P. Spellar | Micro-Processor Control of Compression Ratio At Full Load In A Helical Screen Compressor Responsive To Compressor Drive Motor Current | 10/22/85 |
| 4519748 | D. Murphy & P. Spellar | Micro-Processor Control of Compression Ratio At Full Load In A Helical Screen Compressor Responsive To Compressor Drive Motor Current | 05/28/85 |

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| <u>Patent No.</u> | <u>Inventor</u> | <u>Title</u> | <u>Issue Date</u> |
|-------------------|--|---|-------------------|
| 4515540 | J. Pillis | Variable Liquid Refrigerant Injection Port Location For Screw Compressors Equipped With Variable Volume Ratio | 05/07/85 |
| 4516914 | D. Murphy & P. Spellar | Micro-Processor Control Of Movable Slide Stop And A Movable Slide Valve In A Helical Screw Rotary Compressor | 05/14/85 |
| 4465446 | P. Nemit & J. Pillis | Radial Thrust Bearing Mountings Providing Independent Loading | 08/14/84 |
| 4457681 | G. Milton | Volume Ratio Control Gears For Axial Flow Helical Screw Type Compressor | 07/03/84 |
| 4434112 | J. Pollock | Heat Transfer Surface With Increased Liquid To Air Evaporative Heat Exchange | 02/28/84 |
| 4378680 | M. Garland | Shell And Tube Ice Make With Hot Gas Defrost | 04/05/83 |
| 4324109 | M. Garland | Ice Making Apparatus With Hot Gas Defrost. | 04/19/82 |
| 4336001 | E. Andrew, R. Nawras & R. Armstrong, Jr. | Solid State Compressor Control System | 06/22/82 |
| 4404810 | M. Garland | Ice Making Apparatus With Hot Gas Defrost | 09/20/83 |
| 4227862 | E. Andrew, R. Nawras & R. Armstrong, Jr. | Solid State Compressor Control System | 10/14/80 |
| 4227380 | M. Lauchs & R. Stegmann | Single Casing Multiple Duty Valve | 10/14/80 |
| 4185467 | M. Garland | Ice Maker Liquid Refrigerant Defrost System | 01/29/80 |
| 4151724 | M. Garland | Pressurized Refrigerant Feed | 05/01/79 |
| 4100757 | M. Garland | Closed Circuit Ammonia System | 07/18/78 |

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| <u>Patent No.</u> | <u>Inventor</u> | <u>Title</u> | <u>Issue Date</u> |
|-------------------|--|---|-------------------|
| 4068981 | Z. Mandy | Blade Type Rotary Compressor With Full Unloading And Oil Scaled Interface | 01/17/78 |
| 3986801 | M. Garland | Screw Compressor | 10/19/76 |
| 4027496 | M. Garland | Dual Liquid Delivery And Separation Apparatus | 06/07/77 |
| 3994638 | M. Garland, M. Lauchs & Z. Mandy | Oscillating Rotary Compressor | 11/30/76 |
| 3872681 | P. Witmer, III | Temperature Modifying Method | 03/25/75 |
| 3919858 | M. Garland & R. Fish | Direct Liquid Refrigerant Supply And Return System | 11/18/75 |
| 3844133 | H. Bierley | Double Conveyor Contact Freezer | 10/29/74 |
| 3827249 | M. Garland & R. Fish | Pressurized Refrigerant Recirculation System With Control Gears | 08/06/74 |
| 4437813 | B. Ingram | Gas Receiving and Transmitting System | 03/20/84 |

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FRAME
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**U.S. PATENTS
Bristol Compressors**

| <u>Patent No.</u> | <u>Inventor</u> | <u>Title</u> | <u>Issue Date</u> |
|-------------------|-----------------|---|-------------------|
| 4995791 | Loprete | Refrigerant Gas Compressor Unit | 02/26/91 |
| 4850816 | Kosfeld | Refrigerant Gas Compressor Unit | 07/25/89 |
| 4930406 | Kosfeld | Refrigerant Gas Compressor Construction | 06/5/90 |
| 4955796 | Terwilliger | Side Wall Intake | 09/11/90 |
| 4875580 | Montgomery | Compression Shipping Package | 10/24/89 |
| 4163913 | Barratt | Motor Protector Mount | 08/07/79 |
| 4155020 | Skare | Snap-fit Fastening System for Attaching Member to an Electric Motor | 05/15/79 |
| 4131396 | Privan, et al. | Hermetic Compressor Lubrication System with Two-Stage Oil Pump | 12/26/78 |
| 4112974 | Davis, et al. | Reversing Valve | 09/12/78 |
| 4111612 | Paczuski | Hermetic Compressor Lubrication System | 09/05/78 |
| 4100762 | Davis | Integrated Controls Assembly | 07/18/78 |
| 3998571 | Falke | Valve Retainer | 12/21/76 |
| 3934967 | Gannaway | Refrigeration Compressor and System | 01/27/76 |
| 3876339 | Gannaway | Reciprocating Piston Gas Compressor | 04/08/75 |
| 3864064 | Gannaway | Suction Muffler Tube for Compressor | 01/04/75 |
| 4020683 | M. Young | Fluid Measuring Valve and System to Measure per Gallon of a Vehicle | 05/03/77 |
| 4212195 | M. Young | System to Measure Fuel Consumption of a Vehicle | 07/15/80 |

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FRAME 0196



U.S. PATENTS
Tempmaster Corporation

| <u>Patent No.</u> | <u>Inventor</u> | <u>Title</u> | <u>Issue Date</u> |
|-------------------|----------------------|---|-------------------|
| 3841394 | Robt Van Becelaere | Minimum Air Volume Control Device | 10/15/74 |
| 3876138 | Frank Dean, Jr | Duct Pressure Actuated Variable Volume Device | 04/08/75 |
| 3913832 | Frank Dean, Jr | Aspirating Thermostat | 10/21/75 |
| 3962960 | Frank Dean, Jr | Vertical Discharge Slot Diffuser with High Induction Ratio | 06/15/76 |
| 4068736 | Raymond Dean, et al. | Method and Device for Reducing Noise | 01/17/78 |
| 4246918 | Raymond Dean | Forced Air Balancing Techniques for Damper Blades | 01/27/81 |
| 4312475 | Doug Edwards, et al. | Flow Adjustment Mechanism for Air Distribution Systems | 01/26/82 |
| 4331291 | Raymond Dean | Pneumatic Control Circuit for Air Distribution Systems | 05-25-82 |
| 4356963 | Doug Edwards, et al. | Improved Flow Adjustment Mechanism for Air Distribution Systems | 11/02/82 |
| 4399739 | Raymond Dean | Noise Attenuating Apparatus for Modulating Air Flow | 08/23/83 |
| 4432434 | Frank Dean, et al. | Sound Absorbing Arrangement for Air Handling Units | 02/21/84 |
| 4442760 | Raymond Dean, et al. | Flow Splitting Arrangement for Air Conditioning Terminal Units | 04/17/84 |
| 4489881 | Dean, et al. | Air Delivery System for Hospital Rooms and the Like | 12/25/84 |

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FRAME 0197

| <u>Patent No.</u> | <u>Inventor</u> | <u>Title</u> | <u>Issue Date</u> |
|-------------------|------------------------------|---|-------------------|
| 4500034 | Reese, et al. | Electronic Control Arrangement for System Powered HVAC Terminal Units | 02/19/85 |
| 4513574 | Humphreys, et al. | Low Temperature Air Conditioning System and Method | 04/30/85 |
| 4572327 | Raymond Dean | Sound Attenuator | 02/25/86 |
| 4648552 | Melvin Carlson, et al. | Control Installation for Variable Volume Air Diffusers | 03/10/87 |
| 4659236 | Michael L. Hobbs | Flush Mounted Temperature Sensor | 04/21/87 |
| 4694988 | Melvin C. Carlson, et al. | Control Installation for Variable Volume Air Diffusers | 09/22/87 |
| 4694989 | Melvin C. Carlson, et al. | Control Installation for Variable Volume Air Diffusers | 09/22/87 |
| 4634047 | Raymond H. Dean | Thermostatically Adjustable Pressure Regulator | 01/06/87 |

REEL 6194
FRAME 0198

| <u>Application No.</u> | <u>Inventor</u> | <u>Title</u> | <u>Status</u> |
|------------------------|--------------------------|--|-------------------------------|
| BC-005 | Pandeya, Hatzikazakis | Sandwiched Valve Plate | Application under preparation |
| BC-006 | Terwilliger | Bi-Metal Anti-Slugging Intake | Hold |
| BC-010 | Terwilliger | Anti-Noise Valving (Seats) | Hold |
| BC-011 | Terwilliger | Anti-Noise Valving (Dash-Pot) | Hold |
| BC-012 | Kosfeld | Suction Diverter with Gas Directly into Cylinder and Liquid Directly into Motor Chamber | Hold |
| BC-013 | Tolbert | Line Break Motor Protector for Single Phase, Two-Speed Hermetic Compressors | Hold |
| BC-014 | Pandeya | Power Lead Insulator (BC grommet) | Hold |
| BC-015 | Pandeya | "H23A" Terminal Cover and Box | Hold |
| BC-016 | Kosfeld | Flexible Suction Coupling | Hold |
| BC-017 | Gilliam | Vibration Isolating Mounting Grommet | Application filed 02/21/89 |
| BC-019 | Hatzikazakis | Plastic Suction Noise Attenuator | Application filed 12/27/90 |
| BC-020 | Terwilliger | Suction Valve Opener (Spring) for Ramp-up Loading | Hold |
| BC-021 | Terwilliger | Bi-Metal Suction Gas, Flow - Path Controller for Directing Suction Gas Through Motor, Only When Motor Requires Cooling | Hold |

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REEL

0199

FRAME

| <u>Application No.</u> | <u>Inventor</u> | <u>Title</u> | <u>Status</u> |
|------------------------|-------------------------|--|-------------------------------|
| BC-022 | Stringer | Bulk Pack Assembly H2DA Dual. Drawing 516126 | Hold |
| BC-023 | Loprete | Digital Capacity Modulation - Different Size Cylinders | Application being prepared |
| BC-024 | Kosfeld | Piston-Cylinder Clearance in Combination with Flip Seal | Hold |
| BC-025 | Terwilliger, Douglas | Smooth Flow Inlet Manifold - Plastic | In Omnibus Inertia Filing |
| BC-026 | Terwilliger | Pulse Suction Tubes | Hold |
| BC-027 | Terwilliger, et al. | Sonic Weld Design | In Omnibus Inertia Filing |
| BC-028 | Terwilliger, et al. | Suction and Discharge Valve Lift, Seat Area, etc. | Hold |
| 3C-029 | Terwilliger, Douglas | Head Design - Gasket Clamp Segments | In Omnibus Inertia Filing |
| 3C-030 | Terwilliger, et al. | Crest-to-Crest Discharge Valve Spring | In Omnibus Inertia Filing |
| 3C-031 | Terwilliger, et al. | Guide on Spring Retainer | In Omnibus Inertia Filing |
| 3C-032 | Terwilliger, et al. | Split Locator Pins | In Omnibus Inertia Filing |
| 3C-033 | Terwilliger, et al. | Discharge Valve Pillar Mounts | In Omnibus Inertia Filing |
| 3C-034 | Scott Leonard | Wrist Pin Plastic Retainer | In Omnibus Inertia Filing |
| 3C-035 | Di Flora | Dual Suction Tubes Spaced on Motor Cap | Application filed |
| 3C-036 | Di Flora | Piloted Cage Bearing | Application filed |

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REEL
0200
FRAME

| <u>Application No.</u> | <u>Inventor</u> | <u>Title</u> | <u>Status</u> |
|------------------------|------------------------|--|--|
| BC-037 | Di Flora | Resilient, Expandable Suction Tube | Patent situation study being conducted |
| BC-038 | Di Flora | Curved, Stress Resistant Baffle in Discharge Muffler | Application filed |
| BC-039 | Di Flora | Closed Couple of One Cylinder to Return Gas Inlet | Patent situation study being conducted |
| BC-040 | Di Flora, Loprete | Digital Capacity Modulation - Two Speed Motor, Dual Cylinders of Same Capacity | Application in preparation |
| BC-041 | Terwilliger, et al. | Dual-Land Suction Port, for Inertia Compressor | Application filed |
| BC-042 | Terwilliger, et al. | Radiused Valve Disc and/or Port Seats | Application filed |
| BC-043 | Terwilliger, et al. | Flip Seal Inside Ported Piston Environment. | Application filed |
| BC-045 | Di Flora | Domed Compressor Shell, Top and Overall Shell | Application in preparation |
| BC-046 | Gilliam, Leonard, Dale | Clip-on Suction Noise Attenuator | Application filed |
| BC-047 | Pandeya, Robinson | Motor Thermal Protector affixed to Discharge Muffler by Special Bracket | Application in preparation |

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0201 FRAME

PATENT LICENSES
York International Corporation

1. Borg-Warner Corp. - P.T. Industri Tata Udara Indonesia (licensee)
2. Borg-Warner Corp. - Refrigeration Industry and Cold Storage Co. (licensee) (now named Refrigeration Industries Co.)
3. Borg-Warner Corp. - Oyl-Condair bdn. Bhd. (licensee)
4. Borg-Warner Corp. - The Lebonese Air Conditioning Co. (licensee)
5. Borg-Warner Corp. - A&T Burt (licensee) (now Email Ltd.)
6. Borg-Warner Corp. - Establecimntos Metalurgicos Crespo, S.A.C.E. (licensee)
7. Borg-Warner Corp. - Establecimiento Metalurgicos Crespo Technical Assistance Agreement
8. Borg-Warner Corp. - York Aire (licensee)
9. York - Chung Hsin Electric & Machinery Manufacturing (licensee)
10. York - Airside (licensee)
11. Borg-Warner Corp. - Saudi Air Conditioning Manufacturing Co. (licensee)
12. Borg-Warner Air Conditioning - Nestor Moseres R. and Co. Ltd. (licensee)
13. Borg-Warner Corp. - MISR Iran Air Conditioning Co. (licensee)
14. Borg-Warner Air Conditioning - Mando Machinery Corp. (licensee)
15. Borg-Warner Corp. - Brown, Boveri - York Kalte and Klimatechnik Gebellschaft MbH (licensee)
16. Borg-Warner Corp. - Recold de Mexico (licensee)
17. YIHC - Le Froid Industriel Brissonneau - York S.A. (now named York France S.A.)
18. Borg-Warner Corp. - Email Ltd. (licensee)
19. York - York Shipley Ltd. (licensee)
20. Borg-Warner Corp. - Oyl Industries Sdn. Bhd (licensee)
21. Borg-Warner Air Conditioning, Inc. - Blue Star Limited (licensee)

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0202 FRAME

- 22. York - Cocuma S.A. (licensee)
- 23. York - Sam Kun Engineering Co. Ltd.

Assigned Rts.

Westinghouse Corp. (assigned to Borg-Warner) - Mitsubishi Electric Corp. (licensee)

NOTE: All Borg-Warner Corp. licenses have been assigned to York.

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6194
FRAME
0203

Bristol Compressors

Bristol - Carrier License

Frick Company

1. Svenska Rotor Maskiner Aktiebolag - Frick License (manufacturing SRM machines)
2. Frick - Brodrene Gram A/S License (for use of Frick Machines having two or more rotors)
3. Frick Co. - Le Froid Industrial York S.A. Distribution Agreement
4. Rotocold Ltd. - Frick License Agreement
5. Frick - SRM Regarding Development Engineering Services to New Line of Small Screw Compressors

Tempmaster

1. Tempmaster Corp. - Heating & Air Conditioning Enterprises (licensee)
2. Tempmaster Corp. - Koolair, S.A. (licensee)
3. Tempmaster Corp. - Flower Davies Wemco (licensee)

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FRAME 0204

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PATENT & TRADEMARK OFFICE

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