

TRADEMARK ASSIGNMENT COVER SHEET

Electronic Version v1.1
Stylesheet Version v1.2

ETAS ID: TM442531

SUBMISSION TYPE:	NEW ASSIGNMENT		
NATURE OF CONVEYANCE:	ASSIGNMENT OF THE ENTIRE INTEREST AND THE GOODWILL		
CONVEYING PARTY DATA			
Name	Formerly	Execution Date	Entity Type
Pentair Flow Control AG		04/28/2017	Aktiengesellschaft (Ag): SWITZERLAND
RECEIVING PARTY DATA			
Name:	Westlock Controls Corporation		
Street Address:	280 N. Midland Avenue		
Internal Address:	Ste. 258		
City:	Saddle Brook		
State/Country:	NEW JERSEY		
Postal Code:	07663		
Entity Type:	Corporation: DELAWARE		
PROPERTY NUMBERS Total: 5			
Property Type	Number	Word Mark	
Registration Number:	1623429	K-SWITCH	
Registration Number:	3359746	WESTLOCK	
Registration Number:	3637443	INTELLIS	
Registration Number:	3843481	QUANTUM	
Registration Number:	4229196	AVID	
CORRESPONDENCE DATA			
Fax Number:	4149788675		
<i>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.</i>			
Phone:	414 277 5675		
Email:	marta.levine@quarles.com		
Correspondent Name:	Marta S. Levine		
Address Line 1:	411 East Wisconsin Avenue		
Address Line 2:	Attn: IP Docket		
Address Line 4:	Milwaukee, WISCONSIN 53202		
NAME OF SUBMITTER:	Marta S. Levine		
SIGNATURE:	/MartaLevine/		
DATE SIGNED:	09/09/2017		

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Total Attachments: 24

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INTELLECTUAL PROPERTY ASSIGNMENT AGREEMENT

This INTELLECTUAL PROPERTY ASSIGNMENT AGREEMENT (this “**Assignment**”) is made and entered into on April 28, 2017, by and between Pentair Flow Control AG, a Switzerland Aktiengesellschaft (“**Assignor**”), and Westlock Controls Corporation, a Delaware corporation (“**Assignee**”) (Assignor and Assignee are each hereinafter referred to as a “**Party**,” and collectively, as the “**Parties**”). Capitalized terms used but not defined herein shall have the meanings ascribed thereto in the Purchase Agreement (as defined below).

WHEREAS, in connection with that certain Asset and Share Purchase Agreement, dated as of March 8, 2017, between Emerson Electric Co. (“**Emerson**”) and Crane Co. (as amended, the “**Purchase Agreement**”), Emerson agreed to cause Assignor to assign to Assignee all of its right, title and interest in, to and under all registered and unregistered intellectual property transferred to Assignor by (i) Westlock Controls Corporation pursuant to that certain Intellectual Property Purchase Agreement dated March 29, 2015, and Toll Manufacturing Agreement, effective as of March 30, 2015, between Pentair Flow Control AG and Pentair Valves & Controls US LP and (ii) Westlock Controls Limited pursuant to that certain Amended and Restated Intellectual Property Purchase Agreement effective as of June 28, 2015 (collectively, the “**Westlock IP Assets**”), in each case, including all intellectual property set forth on Attachment A.

WHEREAS, Assignee wishes to acquire and accept all of Assignor’s right, title and interest in, to and under the Westlock IP Assets, and Assignor wishes to convey, transfer, assign and deliver to Assignee all of such right, title and interest in, to and under the Westlock IP Assets.

NOW, THEREFORE, in consideration of the mutual promises set forth in this Assignment and the Purchase Agreement and other good and valuable consideration, the adequacy and receipt of which are hereby acknowledged, the Parties hereby agree as follows:

1. Transfer of Westlock IP Assets. Assignor does hereby contribute, assign, transfer, convey and deliver to Assignee and its successors and assigns, and Assignee does hereby acquire and accept, all of Assignor’s right, title and interest in, to and under the Westlock IP Assets (including, for the avoidance of doubt, all goodwill associated therewith), together with all income, royalties or payments now or hereafter due or payable in relation to the Westlock IP Assets and all benefits, privileges, causes of action, common law rights, and remedies relating thereto throughout the world, including but not limited to the right to sue for past damages.

2. Subject to Purchase Agreement. The assignment contemplated herein is made on an “AS IS” basis without representation or warranty of any kind; provided that Assignor and Assignee acknowledge and agree that the representations, warranties, covenants, indemnities, limitations and other terms contained in the Purchase Agreement shall not be superseded hereby but shall remain in full force and effect to the full extent provided therein. In the event of any conflict or inconsistency between the terms of the Purchase Agreement and the terms hereof, the terms of the Purchase Agreement shall govern.

3. Authorization. Assignor does hereby authorize and request the Commissioner of Patents and Trademarks, and the corresponding entity or agency in any applicable foreign country, to record Assignee as assignee and owner of the entire right, title and interest in and to the patents and trademarks included in the Westlock IP Assets.

4. Further Assurances. Assignor does hereby covenant and agree with Assignee to execute and deliver to Assignee and any successors or assigns of Assignee at Assignee’s cost such other and further instruments of sale, assignment, transfer, conveyance and delivery and all such further assurances, notices,


releases, acquittances and other documents, consents and waivers as may be necessary to confirm and record in the name of Assignee the assignment of the patents and trademarks included in the Westlock IP Assets with the United States Patent and Trademark Office and, with respect to any equivalent foreign rights, with any other appropriate foreign or international office or registrar.

5. Miscellaneous. This Assignment shall be subject to all applicable provisions of Article XI of the Purchase Agreement.

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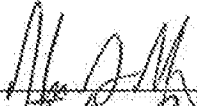
IN WITNESS WHEREOF, each Party has caused this Assignment to be duly executed on its behalf as of the day and year first above written.

PENTAIR FLOW CONTROL AG:

By: 
Name: *Frederic von Tollner*
Title: *Vice President - Sales Europe*

IN WITNESS WHEREOF, each Party has caused this Assignment to be duly executed on its behalf as of the day and year first above written.

**WESTLOCK CONTROLS
CORPORATION**

By: 
Name: John C. Shively
Title: President & Secretary

Attachment A

Trademarks

Trademark	Q&B Ref.	Country	Case	App. No.	App. Date	Reg. No.	Reg. Date	Next Due Date	Goods	Actual Owner	Record Owner	Instrument Transferring Ownership from Record to Actual Owner
AV/D	.00084 148571	Australia	ORD	972129	09/26/2003	972129	08/29/2005	09/26/2023	07 Int. Machines and machine tools, motors and engines (except for land vehicles); machine coupling and transmission components (except for land vehicles); agricultural implements other than hand-operated; valves in this class, valve actuators and parts and accessories for all the foregoing. 09 Int. Scientific, nautical, surveying, photographic, cinematographic, optical, weighing, measuring, signaling, checking (supervision), life-saving and teaching apparatus and instruments; apparatus and instruments for conducting, switching, transforming, accumulating, regulating or controlling electricity; valve actuators accessories in this class, including industrial network interface devices, positioners, valve position monitors, microprocessor based controllers including intelligent microprocessor based controllers and parts and accessories for all the foregoing	Pentair Flow Control AG	Pentair Flow Control AG	

Trademark	Q&B Ref.	Country	Case	App. No.	App. Date	Reg. No.	Reg. Date	Next Due Date	Goods	Actual Owner	Record Owner	Instrument Transferring Ownership from Record to Actual Owner
	148571											
AV/D	.00151	Canada	ORD	1561327	01/25/2012	TMA844689	02/26/2013	02/26/2028	07 Int. Valve actuators and valve controllers and accessories therefor, namely, valve control positioners, valve position monitors, network monitors and interfaces, valve position transmitters and microprocessor controllers	Pentair Flow Control AG	Pentair Flow Control AG	
AV/D	.00178	Chile	ORD	633061	01/06/2004	699765	08/03/2004	08/03/2024	07 Int. Valves (parts of machines) 09 Int. Control valves for regulating the flow of gases and liquids	Pentair Flow Control AG	Pentair Valves & Controls, Inc.	•Conversion to Pentair Valves & Controls, LLC •Assignment to Pentair Flow Control AG

Trademark	Q&B Ref.	Country	Case	App. No.	App. Date	Reg. No.	Reg. Date	Next Due Date	Goods	Actual Owner	Record Owner	Instrument
	148571											from Record to Actual Owner
AV/D	.00186	China	ORD	3880687	01/09/2004	3880687	11/28/2006	11/27/2026	07 Int. Class 7: Valve actuators; industrial network interface devices; positioners; agricultural machines; fishing net hauling machines; woodworking machines; papermaking machines; printing machines; spinning machines; dyeing machines; tea making machines; food preparation machines (electromechanical); wine presses; tobacco processing machines; leather working machines; sewing machines; apparatus for bicycle industries; engraving machines; battery making machines; cord making machines; enamel making machines; light bulb making machines; wrapping machines; briquette making machines; electric food processor; washing machines; pharmaceutical manufacturing machines; embossing machines; glass working machines; apparatus for chemical fertilizer; electromechanical machines for chemical industry; apparatus for dressing; converters for steelworks; oil refining machines; agitators; elevator presses; foundry machines; steam engines; igniting devices for internal combustion engines; power generating installations; drawing pin machines; button making machines; metalworking machines; hand-held tools, mechanically operated; electrostatics industrial apparatus; optics cold working apparatus; gas separating apparatus; spray guns for paint; starters for motors and engines; belts for machines; electric welding machines; waste processing machines; mixing machines.	Pentair Flow Control AG	Pentair Valves & Controls, Inc.	•Conversion to Pentair Valves & Controls, LLC •Assignment to Pentair Flow Control AG

Trademark	Q&B Ref.	Country	Case	App. No.	App. Date	Reg. No.	Reg. Date	Next Due Date	Goods	Actual Owner	Record Owner	Instrument
	148571											from Record to Actual Owner
AVID	.00187	China	ORD	3880688	01/09/2004	3880688	06/21/2006	06/20/2026	09 Int. Class 9: Electrically operated valve actuators; electric valve position monitors; intelligent microprocessor based controllers; industrial network interface devices; computers; counters; pressure meters; remote controllers; remote controlled electrical apparatus for industrial operation; facsimile machines; weighing machines; measures; signal lanterns; navigational instruments; radios; cinematographic cameras; optical condensers; material for electricity mains; wafers; electroplating apparatus; extinguishers; electric welding apparatus; x-rays tubes not for medical purposes; protection devices for personal use against accident; alarms; eyeglasses; galvanic cells; roentgen films, exposed; flat irons.	Pentair Flow Control AG	Pentair Valves & Controls, Inc.	•Conversion to Pentair Valves & Controls, LLC •Assignment to Pentair Flow Control AG
AVID	.00234	Europea n Union	ORD	3372539	09/26/2003	3372539	02/19/2008	09/26/2023	06 Int. Common metals and their alloys; metal building materials; transportable buildings of metal; materials of metal for railway tracks; non-electric cables and wires of common metal; ironmongery, small items of metal hardware; safes; goods of common metal not included in other classes; ores. 07 Int. motors and engines (except for land vehicles); machine coupling and transmission components (except for land vehicles); agricultural implements; incubators for eggs. 09 Int. Valve actuator accessories, including industrial network interface devices, positioners, valve position monitors, and intelligent microprocessor based controllers; electric valve actuators.	Pentair Flow Control AG	Pentair Valves & Controls, Inc.	•Conversion to Pentair Valves & Controls, LLC •Assignment to Pentair Flow Control AG

Trademark	Q&B Ref.	Country	Case	App. No.	App. Date	Reg. No.	Reg. Date	Next Due Date	Goods	Actual Owner	Record Owner	Instrument
	148571											from Record to Actual Owner
AVID	.00288	Hong Kong	ORD	300097083	10/20/2003	300097083	10/20/2003	10/19/2023	07 Int. Machines and machine tools; motors and engines (except for land vehicles); machine coupling and transmission components (except for land vehicles); agricultural implements other than hand-operated; incubators for eggs; valve actuator accessories, including industrial network interface device, positioners, valve position monitors, and intelligent microprocessor based controllers. 09 Int. Valve actuator accessories, including industrial network interface device, positioners, valve position monitors, and intelligent microprocessor based controllers relating to fire pressure systems, building construction apparatus and devices, valves, and thermal controls.	Pentair Flow Control AG	Tyco Valves & Controls , Inc.	•Name change to Pentair Valves & Controls, Inc. •Conversion to Pentair Valves & Controls, LLC •Assignment to Pentair Flow Control AG
AVID	.00297	India	ORD	1241807	10/07/2003	1241807	09/19/2005	10/07/2023	09 Int. Valve actuator accessories, including industrial network interface devices, positioners, valve position monitors, and intelligent microprocessor based controllers.	Pentair Flow Control AG	Tyco Flow Control, Inc.	•Assignment to Tyco Valves & Controls, Inc. •Name change to Pentair Valves & Controls, Inc. •Conversion to Pentair Valves & Controls, Inc. •Assignment to Pentair Flow Control AG
AVID	.00354	Japan	ORD	2003-85172	09/30/2003	5093143	11/22/2007	11/22/2017	07 Int. Class 7: Automatic adjustment valve, other valves, including industrial network interface devices, positioners, valve position monitors, and intelligent microprocessor based controllers, valve actuator accessories, metalworking machines and tools,	Pentair Flow Control AG	Tyco Valves & Controls , Inc.	•Name change to Pentair Valves & Controls, Inc. •Conversion to Pentair Valves & Controls, LLC

Trademark	Q&B Ref.	Country	Case	App. No.	App. Date	Reg. No.	Reg. Date	Next Due Date	Goods	Actual Owner	Record Owner	Instrument
	148571								Mine working machines and instruments, Construction machines and apparatus, Cargo handling machines and apparatus, Fishing machines and implements, Chemical machines and apparatus, Textile machines and apparatus, Food or beverage processing machines and apparatus, Lumbering machines and instruments; wood and plywood working machines and apparatus, Pulping machines; Bookbinding machines; Sewing machines; Agricultural machines and implements; Plowing machines and implements (other than hand tools); Cultivating machines; Harvesting machines; Fibrous agricultural aid product making machines and implements; Fodder presses; Feed cutters; Feed mixers; Feed mills; Milk Filters; Milking machines, Chick brooders, Incubators for eggs, Sericultural machines and implements for silkworm egg production or silkworm rearing, Shoe machines, Leather tanning machines, Tobacco processing machines, Glassware manufacturing machines, Painting machines, Packaging or wrapping machines, Pottery wheels, Plastic processing machines, Semi-conductor manufacturing apparatus, Rubber processing machines, Stone working machines, Prime movers (other than land vehicles), Motors other than for land vehicles (excluding "Water mills and Wind mills"); accessories for prime movers of land vehicles, Water mills, Wind mills, Pneumatic or hydraulic machines and instruments, Adhesive tape dispensers, Stamping machines, Dishwashers, Electric wax-polishing			•Assignment to Pentair Flow Control AG

Trademark	Q&B Ref.	Country	Case	App. No.	App. Date	Reg. No.	Reg. Date	Next Due Date	Goods	Actual Owner	Record Owner	Instrument Transferring Ownership from Record to Actual Owner
	148571								machines, Electric washing machines, Vacuum cleaners Electric blenders, Electric washing machines for commercial use, food cutters for commercial use, Electric wax-polishing machines for commercial use, Vacuum cleaners for commercial use, Dishwashers for household use, Electrical wax-polishing machines for household use, Electric vacuum cleaners for household use, Electric blenders for household use, Repairing machines, Mechanical parking installations, Vehicle washing installations, Disinfectant/insecticide/deodorant sprayers (excluding those for agricultural use) Machines elements (other than for land vehicles), Shafts, Spindles and Axles, Bearings, Shaft couplings, Bearings Power transmissions, Buffers and Shock absorbers; Springs, Braking apparatus; Lawnmowers, Electrically operated curtain drawers, Waste compacting machines, Waste crushing and shredding apparatus, Starters (for motors and engines), Alternating or direct current motors (other than alternating or direct current motors for land vehicles "excluding their accessories"), Alternating current generators (Alternators), Direct current generators, Electrically operated brushes; 09 Int. Class 9: Company and industrial network interface devices, other computer interface devices, monitor for computer, microprocessor based controllers, other electronic machines and instruments and their parts and fittings, Ear plugs, Processed glass (not for buildings), Electric arc			

Trademark	Q&B Ref.	Country	Case	App. No.	App. Date	Reg. No.	Reg. Date	Next Due Date	Goods	Actual Owner	Record Owner	Instrument Transferring Ownership from Record to Actual Owner
	148571								welding machines, Melt—cutting machines for metal works, Electric welding apparatus, Ozonisers (ozonators), Electrolysers, Egg-candlers, Cash registers, Coin counting and sorting machines, Operation recording machines, Photo-copying machines, Manually operated calculators, Drawing or drafting machines, Time stamping machines, Time recorders (time recording apparatus), Punch card machines, Voting machines, Billing machines, Apparatus to check stamping mail, Vending machines (automatic distribution machines), Gasoline station equipment, Coin-operated gates for car parks or parking lots, Lifesaving apparatus and equipment, Fire extinguishers, Fire hydrants, Fire hose nozzles, Sprinkler system, Fire alarms, Gas escape warning apparatus, Anti-theft warning apparatus, Protective helmets, Railway signal equipment, Vehicle breakdown warning triangles, Luminous or mechanical road signs, Divers' apparatus, Video game apparatus for commercial use, Electrical automatic door openers, Vehicle driving training simulators, Sport training simulators, Physical or chemical apparatus and instruments, Photographic apparatus and instruments, cinematographic apparatus and instruments, optical apparatus and instruments, Measuring apparatus and instruments, Electrical distribution or control machines and instruments, Rotary converters, Phase modifiers, Batteries, Electric or magnetic measuring machines and instruments, Electric wires and			

Trademark	Q&B Ref.	Country	Case	App. No.	App. Date	Reg. No.	Reg. Date	Next Due Date	Goods	Actual Owner	Record Owner	Instrument Transferring Ownership from Record to Actual Owner
	148571											

AVID	.00434	New Zealand	ORD	702321	09/29/2003	702321	04/07/2005	09/29/2023	07 Int. Valves in this class, valve actuators, machinery relating to equipment used to control and regulate flow of liquids and gas in pipes, parts and accessories for all the foregoing. 09 Int. valve actuators accessories in this class, including industrial network interface devices, positioners, valve position monitors, microprocessor based controllers including intelligent microprocessor based controllers and parts and accessories for all the foregoing	Pentair Flow Control AG	Pentair Valves & Controls, Inc.	•Conversion to Pentair Valves & Controls, LLC *Assignment to Pentair Flow Control AG
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Trademark	Q&B Ref.	Country	Case	App. No.	App. Date	Reg. No.	Reg. Date	Next Due Date	Goods	Actual Owner	Record Owner	Instrument
	148571											from Record to Actual Owner
AV/D	.00463	Peru	ORD	192241-2003	10/03/2003	095546	03/09/2004	03/09/2024	07 Int. Machines and machine tools, motors and engines (except for land vehicles), machine coupling and transmission components (except for land vehicles); agricultural implements other than hand-operated; incubators for eggs.	Pentair Flow Control AG	Pentair Valves & Controls, LLC	•Conversion to Pentair Valves & Controls, LLC •Assignment to Pentair Flow Control AG
AV/D	.00464	Peru	ORD	192242-2003	10/03/2003	95614	03/11/2004	03/11/2024	09 Int. Valve actuator accessories (electronic controls for handling pressure or dial indicators); including industrial devices of network interface, positioners (control devices to properly position the solenoid type valves which are operated electronically) position valve monitors and smart controllers based on a microprocessor.	Pentair Flow Control AG	Pentair Valves & Controls, Inc.	•Conversion to Pentair Valves & Controls, LLC •Assignment to Pentair Flow Control AG
AV/D	.00504	Singapore	ORD	T0315752E	10/02/2003	T0315752E	02/11/2005	10/02/2023	07 Int. Valves [parts and machines], valves actuators, positioners [parts of machines] and parts and fittings for all the foregoing.	Pentair Flow Control AG	Pentair Flow Control AG	
AV/D	.00505	Singapore	ORD	T0315753C	10/02/2003	T0315753C	05/22/2007	10/02/2023	09 Int. Industrial network computer interface devices, valve position monitors, microprocessor based controllers including intelligent microprocessor based controllers and parts and fittings for all the foregoing.	Pentair Flow Control AG	Pentair Flow Control AG	
AV/D	.00613	United States	ORD	85/533,464	02/03/2012	4,229,196	10/23/2012	10/23/2022	09 Int. valve actuator accessories and industrial network interface devices, namely valve positioners, valve position monitors, and microprocessor based valve controllers	Pentair Flow Control AG	Pentair Flow Control AG	
INTELLIS	.00622	United States	ORD	77/368,977	01/10/2008	3,637,443	06/16/2009	06/16/2019	09 Int. Network control position monitors for use in controlling process valves in a digital communication platform	Pentair Flow Control AG	Pentair Flow Control AG	

Trademark	Q&B Ref.	Country	Case	App. No.	App. Date	Reg. No.	Reg. Date	Next Due Date	Goods	Actual Owner	Record Owner	Instrument
	148571											from Record to Actual Owner
K-SWITCH	.01223	United States	ORD	74/022,510	01/24/1990	1,623,429	11/20/1990	11/20/2020	09 Int. Rotary position indicators for use with valve actuators to show valve position	Pentair Flow Control AG	Pentair Flow Control AG	
QUANTUM	.00132	Brazil	ORD	829716874	05/13/2008	829716874	01/21/2015	01/21/2025	07 Int. valve controllers used on commercial and industrial applications	Pentair Flow Control Ag	Westloc Controls Corpora tion	•Assignment to Pentair Flow Control AG
QUANTUM	.00169	Canada	ORD	1395372	05/13/2008	TMA796826	05/06/2011	05/06/2026	00 Int. Electronic rotary valve controllers used in industry and commercial applications	Pentair Flow Control Ag	Pentair Flow Control Ag	
QUANTUM	.00315	European Union	MPR	963874	05/12/2008	963874	05/12/2008	05/12/2018	07 Int. Electronic controllers for use in opening and closing rotary valves for use in the oil, gas, chemical and pharmaceutical industries.	Pentair Flow Control AG	Westloc Controls Corpora tion	•Assignment to Pentair Flow Control AG
QUANTUM	.00315	Int'l Reg.	ORD	963874	05/12/2008	963874	05/12/2008	05/12/2018	07 Int. Electronic controllers for use in opening and closing rotary valves for use in the oil, gas, chemical and pharmaceutical industries	Pentair Flow Control Ag	Westloc Controls Corpora tion	•Assignment to Pentair Flow Control AG
QUANTUM	.00417	Mexico	ORD	933344	05/13/2008	1128891	10/30/2009	05/13/2018	07 Int. Valve controllers used in industrial and commercial appliances, expressly excluding power tools and accessories.	Pentair Flow Control Ag	Westloc Controls Corpora tion	•Assignment to Pentair Flow Control AG
QUANTUM	.00315	Singapore	MPR	963874	05/12/2008	963874	05/12/2008	05/12/2018	07 Int. Electronic controllers for use in opening and closing rotary valves for use in the oil, gas, chemical and pharmaceutical industries.	Pentair Flow Control Ag	Westloc Controls Corpora tion	•Assignment to Pentair Flow Control AG
QUANTUM	.00640	United States	ORD	77/328,207	11/13/2007	3,843,481	09/07/2010	03/07/2017	07 Int. Electronic controllers for use in opening and closing rotary valves for use in the oil, gas, chemical and pharmaceutical industries	Pentair Flow Control AG	Pentair Flow Control AG	

Trademark	Q&B Ref.	Country	Case	App. No.	App. Date	Reg. No.	Reg. Date	Next Due Date	Goods	Actual Owner	Record Owner	Instrument
	148571											Ownership from Record to Actual Owner
WESTLOCK	.00078	Argentina ^a	ORD	2726141	01/29/2007	2211133	01/24/2008	01/24/2018	09 Int. Controllers for monitoring and controlling valves and process equipment in commercial and industrial applications including diagnostic and monitoring software applications associated therewith	Pentair Flow Control AG	Westlock Controls Corporation	*Assignment to Pentair Flow Control AG
WESTLOCK	.00099	Australia	ORD	1158268	01/29/2007	1158268	06/04/2007	01/29/2027	09 Int. Controllers for monitoring and controlling valves and process equipment in commercial and industrial applications including diagnostic and monitoring software applications associated therewith	Pentair Flow Control AG	Pentair Flow Control AG	
WESTLOCK	.00143	Brazil	ORD	828954020	01/29/2007	828954020	08/23/2011	08/23/2021	09 Int. Controllers for monitoring and controlling valves and process equipment in commercial and industrial applications including diagnostic and monitoring software applications associated therewith	Pentair Flow Control AG	Westlock Controls Corporation	*Assignment to Pentair Flow Control AG
WESTLOCK	.00175	Canada	ORD	1332877	01/26/2007	TMA759164	02/10/2010	02/10/2025	00 Int. Controllers for monitoring and controlling valves and process equipment in commercial and industrial applications including diagnostic and monitoring software applications associated therewith	Pentair Flow Control AG	Pentair Flow Control AG	
WESTLOCK	.04156	China	ORD	[pending]	10/21/2016				09 Int. Electric devices for the remote control of industrial operations	Pentair Flow Control AG	Pentair Flow Control AG	
WESTLOCK	.00316	European Union	MPR	1131337	07/03/2012	1131337	07/03/2012	07/03/2022	09 Int. Electrical controllers for monitoring and controlling valves and process equipment in commercial and industrial applications, and computer software for diagnostic and monitoring of the controllers	Pentair Flow Control AG	Pentair Flow Control AG	

Trademark	Q&B Ref.	Country	Case	App. No.	App. Date	Reg. No.	Reg. Date	Next Due Date	Goods	Actual Owner	Record Owner	Instrument Transferring Ownership from Record to Actual Owner
WESTLOCK	.00287	Hong Kong	ORD	302304233	07/04/2012	302304233	06/10/2013	07/03/2022	09 Int. Electrical controllers for monitoring and controlling valves and process equipment in commercial and industrial applications; computer software for diagnostic and monitoring of the controllers; automatic valves, electric actuators and controls; automatic valve parts, fittings and accessories; computer cabling; electromechanical systems and parts and components therefor; connectors and connector systems, connector components, power connectors; plug-in equipment connections and joints; connector housings	Pentair Flow Control AG	Westlock Controls Corporation	*Assignment to Pentair Flow Control AG
WESTLOCK	.00296	India	ORD	2360467	07/09/2012				09 Int. Networking, monitoring and control of process valves, controllers for monitoring and controlling valves and process equipment in commercial and industrial applications including diagnostic and monitoring software applications associated therewith; electrical controllers for monitoring and controlling valves and process equipment in commercial and industrial applications; and computer software for diagnostic and monitoring of the controllers.	Pentair Flow Control AG	Pentair Flow Control AG	
WESTLOCK	.00316	Int'l Reg.	ORD	1131337	07/03/2012	1131337	07/03/2012	07/03/2022	09 Int. Electrical controllers for monitoring and controlling valves and process equipment in commercial and industrial applications; and computer software for diagnostic and monitoring of the controllers	Pentair Flow Control AG	Pentair Flow Control AG	

Trademark	Q&B Ref.	Country	Case	App. No.	App. Date	Reg. No.	Reg. Date	Next Due Date	Goods	Actual Owner	Record Owner	Instrument
	148571											from Record to Actual Owner
WESTLOCK	.00419	Mexico	ORD	764828	02/08/2006	923333	02/23/2006	02/08/2026	07 Int. Positioners (parts of machines).	Pentair Flow Control AG	Westlock Controls Corpora tion	•Assignment to Pentair Flow Control AG
WESTLOCK	.00420	Mexico	ORD	833246	01/30/2007	1014193	11/28/2007	01/30/2027	09 Int. Controllers for monitoring and control valves and process equipment, for commercial and industrial applications.	Pentair Flow Control AG	Westlock Controls Corpora tion	•Assignment to Pentair Flow Control AG
WESTLOCK	.01629	Taiwan	ORD	079019912	05/09/1990	00507677	11/30/2000	11/30/2020	09 Int. Valve position monitors; valve position transmitters; multiport flow path monitors; handheld communication equipment and apparatus; multiplexers; signal transmitters and receivers; signal interfacing managers; analogue and digital signal interfacing and converting equipment and apparatus; intelligent positioners for valve's position and signal; communication apparatus and equipment	Pentair Flow Control AG	Westlock Controls Corpora tion	•Assignment to Pentair Flow Control AG
WESTLOCK	.00597	United Kingdom	ORD	2444952	01/29/2007	2444952	01/29/2007	01/29/2027	09 Int. Electrical controllers for monitoring and controlling valves and process equipment in commercial and industrial applications, and computer software for diagnostic and monitoring of the controllers; none being for use in railway systems.	Pentair Flow Control AG	Pentair Flow Control AG	
WESTLOCK	.00649	United States	ORD	78/939,770	07/28/2006	3,359,746	12/25/2007	12/25/2017	09 Int. Electrical controllers for monitoring and controlling valves and process equipment in commercial and industrial applications, and computer software for diagnostic and monitoring of the controllers.	Pentair Flow Control AG	Pentair Flow Control AG	

Trademark	Q&B Ref.	Country	Case	App. No.	App. Date	Reg. No.	Reg. Date	Next Due Date	Goods	Actual Owner	Record Owner	Instrument
	148571											from Record to Actual Owner
XR	.00264	France	ORD	3530785	10/12/2007	3530785	10/12/2007	10/12/2017	09 Int. Electronic valve controllers used to control valve actuators in industry and commercial applications	Pentair Flow Control AG	Tyco Valves & Controls, Inc.	<ul style="list-style-type: none"> •Name change to Pentair •Conversion to Pentair Valves & Controls, LLC •Assignment to Pentair Flow Control AG
XR	.00278	German Y	ORD	30766506.2	10/12/2007	30766506	11/15/2007	10/12/2017	09 Int. Electronic valve regulating instruments for regulating the valve operations for industrial and economic appliances.	Pentair Flow Control AG	Pentair Flow Control AG	<ul style="list-style-type: none"> •Name change to Pentair •Assignment to Pentair Flow Control AG
XR	.00348	Italy	ORD	TO2007C004141	12/19/2007	0001303966	06/04/2010	12/19/2017	09 Int. Electronic valve controllers used to control valve actuators in industry and commercial applications	Pentair Flow Control AG	Tyco Valves & Controls, Inc.	<ul style="list-style-type: none"> •Name change to Pentair •Assignment to Pentair Flow Control AG
XR	.00598	United Kingdom	ORD	2469229	10/11/2007	2469229	06/13/2008	10/11/2017	09 Int. Electronic valve controllers used to control valve actuators in industry and commercial applications	Pentair Flow Control AG	Pentair Flow Control AG	<ul style="list-style-type: none"> •Name change to Pentair •Assignment to Pentair Flow Control AG
XTRACTOR	.00067	Argentin ^a	ORD	2726142	01/29/2007	2211134	01/24/2008	01/24/2018	09 Int. Software applications used by valve controllers to monitor, control, and maintain valves	Pentair Flow Control AG	Tyco Valves & Controls, Inc.	<ul style="list-style-type: none"> •Name change to Pentair •Assignment to Pentair Flow Control AG

Trademark	Q&B Ref.	Country	Case	App. No.	App. Date	Reg. No.	Reg. Date	Next Due Date	Goods	Actual Owner	Record Owner	Instrument Transferring Ownership from Record to Actual Owner
XTRACTOR	.01720	Brazil	ORD	828954038	01/29/2007	828954038	04/01/2014	04/01/2024	09 Int. Software applications used by valve controllers to monitor, control, and maintain valves	Pentair Flow Control AG	Tyco Valves & Controls, Inc.	•Name change to Pentair Valves & Controls, LLC •Assignment to Pentair Flow Control AG

Patents

Application Title	Country	Patent/App #	Q&B Ref.	Filed	Status	Expires	Actual Owner	Record Owner
Device and Method for Pneumatic Valve Control	U.S.	7647940	.03118	5/17/2006	Granted	1/5/2026	Pentair Flow Control AG	Pentair Flow Control AG
Field Replaceable Sensor Module and Methods of Use Thereof	U.S.	7158905	.02751	4/6/2005	Granted	4/6/2025	Pentair Flow Control AG	Pentair Flow Control AG
Flapper Nozzle Pilot Valve-A&C	Argentina	20150100340	.04028	2/5/2015	Pending	2/5/2035	Pentair Flow Control AG	Pentair Flow Services AG
	U.S.	14/613,033	.04031	2/3/2015	Published	2/3/2035	Pentair Flow Control AG	Pentair Flow Control AG

Application Title	Country	Patent/App #	Q&B Ref. 148571	Filed	Status	Expires	Actual Owner	Record Owner
Knowledge Based Valve Control Method	Brazil	PI0817912-3	.03203	9/25/2008	Published	9/25/2028	Pentair Flow Control AG	Westlock Controls Corporation
	China	ZL200880109991.X	.03204	4/1/2010	Granted	9/25/2028	Pentair Flow Control AG	Pentair Flow Control AG
	Europe	8834913.9	.03205	9/25/2008	Published	9/25/2028	Pentair Flow Control AG	Pentair Flow Control AG
	Hong Kong	10107098.4	.03202	7/23/2010	Published	7/23/2030	Pentair Flow Control AG	Westlock Controls Corporation
Micro-Power Generator for Valve Control Applications	U.S.	8265794	.03200	9/24/2008	Granted	6/28/2029	Pentair Flow Control AG	Pentair Flow Control AG
	U.S.	8967590	.00010	3/1/2011	Granted	7/19/2030	Pentair Flow Control AG	Pentair Flow Control AG
System for Controlling Valve Positioner	PCT	US2016/024756	.04145	3/29/2016	Pending	11/2/2017	Pentair Flow Control AG	Pentair Flow Control AG
	U.S.	15/084,148	.04143	3/29/2016	Pending	3/29/2036	Pentair Flow Control AG	Pentair Flow Control AG
Valve Controller	Brazil	PI0704133-0	.03167	9/27/2007	Published	9/27/2027	Pentair Flow Control AG	Westlock Controls Corporation
	Canada	2599044	.03169	8/27/2007	Granted	8/27/2027	Pentair Flow Control AG	Pentair Flow Control AG

Application Title	Country	Patent/App #	Q&B Ref. 148571	Filed	Status	Expires	Actual Owner	Record Owner
Valve Position Visual Indicator Assembly	U.S.	6820647	.01960	5/8/2002	Granted	5/8/2022	Pentair Flow Control AG	Pentair Flow Control AG
	U.S.	7819133	.02131	9/29/2006	Granted	12/17/2028	Pentair Flow Control AG	Pentair Flow Control AG
	U.S.	8141583	.03166	3/2/2010	Granted	2/10/2027	Pentair Flow Control AG	Pentair Flow Control AG
	Europe	7253396.1	.03168	8/29/2007	Published	8/29/2027	Pentair Flow Control AG	Pentair Flow Control AG
	Australia	2013312332	.04062	9/6/2013	Abandoned		Pentair Flow Control AG	Pentair Flow Services AG
	Brazil	BR1120150052371	.04060	9/6/2013	Pending	9/6/2033	Pentair Flow Control AG	Pentair Flow Services AG
	Canada	2883942	.04058	9/6/2013	Published	9/6/2033	Pentair Flow Control AG	Pentair Flow Services AG
	China	201380053704.9	.04067	9/6/2013	Published	9/6/2033	Pentair Flow Control AG	Pentair Flow Services AG
	Europe	13834823	.04066	9/6/2013	Published	9/6/2033	Pentair Flow Control AG	Pentair Flow Services AG
	India	926/KOLNP/2015	.04069	9/6/2013	Pending	9/6/2033	Pentair Flow Control AG	Pentair Flow Services AG

Application Title	Country	Patent/App #	Q&B Ref. 148571	Filed	Status	Expires	Actual Owner	Record Owner
	Japan	2015-531244	.04070	9/6/2013	Pending	9/6/2033	Pentair Flow Control AG	Pentair Flow Services AG
	Korea	2015-7008870	.04071	9/6/2013	Pending	9/6/2033	Pentair Flow Control AG	Pentair Flow Services AG
	Mexico	MX/A/2015/002757	.04046	9/6/2013	Abandoned		Pentair Flow Control AG	Pentair Flow Services AG
	Russia	2015112176	.04045	9/6/2013	Pending	9/6/2033	Pentair Flow Control AG	Pentair Flow Services AG
	Singapore	11201501570X	.04072	9/6/2013	Pending	9/6/2033	Pentair Flow Control AG	Pentair Flow Services AG
	U.S.	9133959	.02144	9/7/2012	Granted	3/12/2033	Pentair Flow Control AG	Pentair Flow Control AG
	UAE	P293/15	.04073	9/6/2013	Pending	9/6/2033	Pentair Flow Control AG	Pentair Flow Services AG
Visual Indicator Device for Proximity Sensor	U.S.	8890512	.01699	6/8/2011	Granted	9/29/2032	Pentair Flow Control AG	Pentair Flow Control AG
Wireless Beacon - A&C	Europe	15736935.6	.04155	1/15/2015	Published	1/15/2035	Pentair Flow Control AG	Pentair Flow Services AG
	Argentina	20150100129	.02040	1/16/2015	Pending	1/16/2035	Pentair Flow Control AG	Pentair Flow Services AG

Application Title	Country	Patent/App #	Q&B Ref. 148571	Filed	Status	Expires	Actual Owner	Record Owner
	U.S.	14/598,056	.02049	1/15/2015	Published	1/15/2035	Pentair Flow Control AG	Pentair Flow Control AG

Unregistered Trademarks

1. Accutrak
2. Silver Bullet