

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
Stylesheet Version v1.2

Assignment ID: PAT1737245

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
John S. Heaney	01/03/2025
RECEIVING PARTY DATA	
Individual Name:	Elizabeth Robinson
Street Address:	5520 Bonneville Bend
City:	Austin
State/Country:	TEXAS
Postal Code:	78744
PROPERTY NUMBERS Total: 9	
Property Type	Number
PCT Number:	US2360613
Application Number:	62815726
Application Number:	16439767
Application Number:	16439768
Application Number:	16439775
Application Number:	16439778
Application Number:	17577076
Application Number:	63300089
Application Number:	18154194
CORRESPONDENCE DATA	
Fax Number:	6173459020
<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:	6173459000
Email:	patent@hinckleyallen.com
Correspondent Name:	Stephen Holmes
Address Line 1:	Hinckley Allen & Snyder
Address Line 2:	28 State Street, 30th Floor
Address Line 4:	Boston, MASSACHUSETTS 02109
ATTORNEY DOCKET NUMBER:	Heaney-GenIP
NAME OF SUBMITTER:	Stephen Holmes

PATENT

SIGNATURE:	Stephen Holmes
DATE SIGNED:	01/07/2025
Total Attachments: 6 source=Heaney Assignment of IP _ Executed_final#page1.tiff source=Heaney Assignment of IP _ Executed_final#page2.tiff source=Heaney Assignment of IP _ Executed_final#page3.tiff source=Heaney Assignment of IP _ Executed_final#page4.tiff source=Heaney Assignment of IP _ Executed_final#page5.tiff source=Heaney Assignment of IP _ Executed_final#page6.tiff	

ASSIGNMENT OF INTELLECTUAL PROPERTY RIGHTS

This Assignment of Intellectual Property Rights ("Assignment") is made and effective as of January 3, 2025, by John S. Heaney, having an address of 11 Hollow Ridge Road, Rumford, RI 02916 ("Assignor"), in favor of Elizabeth Robinson, having an address of 5520 Bonnevillle Bend, Austin TX 78744 ("Assignee").

RECITALS

WHEREAS, Assignor, in his individual capacity desires to assign, transfer, convey and deliver to Assignee all of Assignor's right, title and interests in, to and under the Intellectual Property set forth on Exhibit A consisting of four pages and being attached hereto and incorporated by reference herein (collectively, the "Assigned IP"); and

WHEREAS, Assignee desires to obtain, and Assignor is willing to transfer to Assignee, Assignor's entire right, title and interests in, to and under the Assigned IP, including all inventions, pending patent applications, granted patents and all common law and statutory rights therein and including any and all goodwill and know how associated therewith;

NOW, THEREFORE, in consideration of the foregoing premises and for other good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged by Assignor, Assignor and Assignee hereby agree as follows:

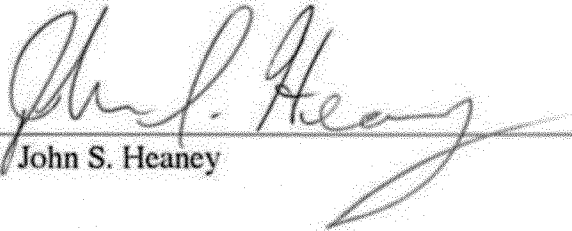
1. Assignor hereby assigns and transfers to Assignee all of the right, title and interests of Assignor in, to and under the Assigned IP throughout the world, including all common law and statutory rights therein, together with the goodwill symbolized by and associated with the Assigned IP, and any pending applications and granted patents or registrations relating to the Assigned IP, for Assignee's own use and behalf, and for the use and behalf of its successors, assigns or other legal representatives, as fully and entirely as the same would have been held and enjoyed by Assignor if this Assignment had not been made; together with all income, royalties, fees and payments now or hereafter due or payable in respect of the Assigned IP, and the right to file any actions and recover damages by reason of any past or future infringement, misappropriation or other unauthorized use of said Assigned IP, with the right to sue for, and collect same for its own use and behalf, and for the use and behalf of its successors, assigns, or other legal representatives.
2. Assignor hereby authorizes the filing and recordation of this Assignment in any applicable jurisdiction as may be required to give effect to the assignment and transfer made herein, including any patent, trademark or other Assigned IP set forth on Exhibit A, and to evidence ownership thereof by Assignee, its successors and/or assigns.
3. Assignor hereby agrees that it will, upon reasonable request, without further consideration, execute, acknowledge and deliver any and all documents, instruments and agreements that are necessary to secure to said Assignee the full right, title and interests in, to and under the Assigned IP and the rights, privileges, benefits and goodwill associated therewith.

4. THIS ASSIGNMENT SHALL BE GOVERNED BY AND CONSTRUED IN ACCORDANCE WITH THE LAWS OF THE STATE OF RHODE ISLAND.


5. This Assignment may be executed via electronic signature and will be binding as an original.

IN WITNESS WHEREOF, Assignor has caused this Assignment to be duly executed effective as of the first date above written.

Assignor:


By: John S. Heaney

Accepted and Agreed to by: Assignee:


Elizabeth Robinson

Dated: January 3, 2025

**Exhibit A
Assigned IP**

Case Number	Country	Case Type	Status	Application No.	Filing Date	Patent No.	Issue Date	Application Title
P03516-PCT	WO	ORD	Expired	PCTUS2018568	18-Feb-2020			PROGRAMMABLE ELECTRONICALLY CONTROLLED SPRINKLER SYSTEM WITH SEALED INTERNAL CHAMBER AND MAGNETIC COUPLINGS
P03516-PCT4A	WO	ORD	Expired	PCTUS2360613	13-Jan-2023			OSCILLATOR AND FLOW DIVERTER FOR A SPRINKLER SYSTEM
P03516-PCT-CA	CA	PCT	Granted	3132293	18-Feb-2020	3132293	24-Oct-2023	PROGRAMMABLE ELECTRONICALLY CONTROLLED ROTARY SPRINKLER SYSTEM AND METHOD OF OPERATION
P03516-PCT-CA1	CA	DIV	Published	3211031	18-Feb-2020			MAGNETICALLY COUPLED ACTUATOR AND LIMIT SWITCH ASSEMBLY FOR A SEALED CHAMBER SYSTEM
P03516-PCT-CN	CN	PCT	Granted	202080027522.4	26-Sep-2021	CN113646092B	31-Oct-2023	PROGRAMMABLE ELECTRONICALLY CONTROLLED SPRINKLER SYSTEM WITH SEALED INTERNAL CHAMBER AND MAGNETIC COUPLINGS

Case Number	Country	Case Type	Status	Application No.	Filing Date	Patent No.	Issue Date	Application Title
P03516-PCT-CN1	CN	ORD	Closed	2023112943072	18-Feb-2020			PROGRAMMABLE ELECTRONICALLY CONTROLLED SPRINKLER SYSTEM WITH SEALED INTERNAL CHAMBER AND MAGNETIC COUPLINGS
P03516-PCT-EP	EP	PCT	Closed - Validated to GB and UP	20769819.2	07-Sep-2021	3934815	27-Nov-2024	PROGRAMMABLE ELECTRONICALLY CONTROLLED ROTARY SPRINKLER SYSTEM AND METHOD OF OPERATION
P03516-PCT-EP	GB	EPP	Granted	20769819.2	07-Sep-2021	3934815	27-Nov-2024	PROGRAMMABLE ELECTRONICALLY CONTROLLED SPRINKLER SYSTEM WITH SEALED INTERNAL CHAMBER AND MAGNETIC COUPLINGS
P03516-PCT-EP	UP	EPP	Granted	20769819.2	07-Sep-2021	3934815	27-Nov-2024	PROGRAMMABLE ELECTRONICALLY CONTROLLED SPRINKLER SYSTEM WITH SEALED INTERNAL CHAMBER AND MAGNETIC COUPLINGS
P03516-PCT-EP	EP	DIV	Published	24210824.9	05-Nov-2024			MAGNETICALLY COUPLED ACTUATOR AND LIMIT SWITCH ASSEMBLY FOR A SEALED CHAMBER SYSTEM
P03516-US	US	PRO	Expired	62815726	08-Mar-2019			PROGRAMMABLE ELECTRONICALLY CONTROLLED SPRINKLER SYSTEM WITH SEALED INTERNAL CHAMBER AND MAGNETIC COUPLINGS

Case Number	Country	Case Type	Status	Application No.	Filing Date	Patent No.	Issue Date	Application Title
P03516-US1	US	ORD	Granted	16439767	13-Jun-2019	11162604	02-Nov-2021	PROGRAMMABLE ELECTRONICALLY CONTROLLED ROTARY SPRINKLER SYSTEM AND METHOD OF OPERATION
P03516-US2	US	ORD	Granted	16439768	13-Jun-2019	10837575	17-Nov-2020	MAGNETICALLY COUPLED ACTUATOR AND LIMIT SWITCH ASSEMBLY FOR A SEALED CHAMBER SYSTEM
P03516-US3	US	ORD	Granted	16439775	13-Jun-2019	11047502	29-Jun-2021	MAGNETICALLY COUPLED ACTUATOR AND LEAD SCREW CONTROL FOR A VARIABLE PRESSURE PILOT VALVE
P03516-US4	US	ORD	Granted	16439778	13-Jun-2019	11226054	18-Jan-2022	MAGNETICALLY COUPLED ACTUATOR AND LIMIT SWITCH FOR A FLOW DIVERTER
P03516-US4A	US	CIP	Allowed	17577076	17-Jan-2022			OSCILLATOR AND FLOW DIVERTER FOR A SPRINKLER SYSTEM
P03796	US	PRO	Expired	63300089	17-Jan-2022			LOCATION AWARENESS AND GESTURE CONTROL FOR AN ELECTRONICALLY CONTROLLED SPRINKLER SYSTEM
P03796	US	ORD	Published	18154194	13-Jan-2023			LOCATION AWARENESS AND GESTURE CONTROL FOR AN ELECTRONICALLY CONTROLLED SPRINKLER SYSTEM
P03796	WO	ORD	Expired	PCT/US2023/060 617	13-Jan-2023			LOCATION AWARENESS AND GESTURE CONTROL FOR AN ELECTRONICALLY CONTROLLED SPRINKLER SYSTEM

Case Number	Country	Case Type	Status	Application No.	Filing Date	Patent No.	Issue Date	Application Title
P03796	CA	PCT	Pending	3248402	12-Jul-2024			LOCATION AWARENESS AND GESTURE CONTROL FOR AN ELECTRONICALLY CONTROLLED SPRINKLER SYSTEM
P03796	EP	PCT	Published	23740862.0	15-Aug-2024			LOCATION AWARENESS AND GESTURE CONTROL FOR AN ELECTRONICALLY CONTROLLED SPRINKLER SYSTEM
P04118	US	PRO	Unfiled					PILOT VALVE ASSEMBLY FOR PLUMBING FIXTURES