505701875 10/01/2019

EPAS ID: PAT5748685

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2

SUBMISSION TYPE: NEW ASSIGNMENT NATURE OF CONVEYANCE: ASSIGNMENT

CONVEYING PARTY DATA

| Name | Execution Date |
|------------------|----------------|
| ANDREW LINDGREN | 09/29/2019 |
| ANDREW MANSFIELD | 09/26/2019 |

RECEIVING PARTY DATA

| Name: | PENTAIR RESIDENTIAL FILTRATION, LLC |
|-------------------|-------------------------------------|
| Street Address: | 13845 BISHOPS DRIVE |
| Internal Address: | SUITE 200 |
| City: | BROOKFIELD |
| State/Country: | WISCONSIN |
| Postal Code: | 53005 |

PROPERTY NUMBERS Total: 1

| Property Type | Number |
|---------------------|----------|
| Application Number: | 16460759 |

CORRESPONDENCE DATA

Fax Number: (414)271-3552

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.

Email: ellen.webb@quarles.com

Correspondent Name: QUARLES & BRADY LLP ATTN: IP DOCKET

Address Line 1: 411 E. WISCONSIN AVENUE Address Line 4: MILWAUKEE, WISCONSIN 53202

ATTORNEY DOCKET NUMBER: 135234.00449 NAME OF SUBMITTER: ELLEN R. WEBB **SIGNATURE:** /Ellen R. Webb/ **DATE SIGNED:** 10/01/2019

Total Attachments: 3

source=13523400449Assignment#page1.tif source=13523400449Assignment#page2.tif source=13523400449Assignment#page3.tif

> **PATENT** REEL: 050598 FRAME: 0052 505701875

ASSIGNMENT

Pursuant to our obligations to Pentair Residential Filtration, LLC, a Delaware limited liability company having a place of business at 13845 Bishops Drive, Suite 200, Brookfield, WI 53005 (hereinafter referred to as "Assignee"), and for other valuable and sufficient consideration, receipt of which is hereby acknowledged, we:

Andrew Lindgren 2469 North 67th Street Wauwatosa, WI 53213

Andrew Mansfield 2240 Guinevere Drive Brookfield, WI 53045

confirm our obligations to and hereby sell, assign and convey, unto Assignee, its successors and assigns, our entire right, title and interest -

- (1) in and to an invention entitled "VALVE CONTROLLER SYSTEM AND METHOD" for which we have executed United States Patent Application Serial No. 16/460,759, filed July 2, 2019 (Atty. File No. 135234,00449);
- (2) in and to said United States patent application, in and to all other patent applications (including divisional, continuation, continuation-in-part, §111(b) provisional, §111(a), and reissue applications) based upon said invention, and in and to the patent or patents to be granted thereon, including reissues thereof, if any, to the full end of the term or terms for which said patent or patents may be granted;
- (3) in and to all patent applications on said invention now or hereafter filed in countries foreign to the United States of America, and in and to any and all patents granted on said applications to the full end of the terms for which said patents may be granted; and
- (4) under the International Convention in respect to the United States patent application and agree that any patent applications of any foreign countries which may be filed shall be filed in the name of the Assignee with a claim to priority based on said United States application.

And we hereby agree that we will, upon demand of Assignee, its successors or assigns, and without further consideration to us, execute any and all papers that may be necessary, or deemed by Assignee, its successors or assigns, to be necessary, to a complete fulfillment of the intent and purposes of this Assignment, it being understood that any expense incident to the execution of such papers shall be paid by Assignee, its successors and assigns, and not by us.

PATENT REEL: 050598 FRAME: 0053 intent and purposes of this Assignment, it being understood that any expense incident to the execution of such papers shall be paid by Assignee, its successors and assigns, and not by us.

And the Commissioner of Patents and Trademarks of the United States is hereby authorized and requested to issue said United States patent or patents to Assignee.

| 9/29/2019 Date | Andrew Lindgren |
|-------------------|------------------|
| Date | Andrew Mansfield |

And the Commissioner of Patents and Trademarks of the United States is hereby authorized and requested to issue said United States patent or patents to Assignee.

Andrew Mansfield

Date Androw Lindgren

2/26/2019