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PATENT ASSIGNMENT COVER SHEET

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| Property Type | | Number | | |
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For good and valuable consideration, the receipt and adequacy whereof is accepted and acknowledged, **Evoqua Water Technologies Pte. Ltd.** (hereafter "Assignor") now and hereby, effective Nunc Pro Tunc on the filing date of the below-identified patent document, conveys, assigns, sells and transfers to **Evoqua Water Technologies LLC**, a corporation organized and existing under the laws of Delaware, having a place of business at 181 Thorn Hill Road, Warrendale, PA 15086, (hereinafter "Assignee") (individually referred to as "Party" and collectively as "Parties"), for its own use and behoof, its successors, assigns and legal representatives, the entire right, title and interest in and for the United States and all foreign countries, including all priority rights and rights to claim priority under the laws of the United States and any international treaty, in and to any and all inventions and/or improvements disclosed in the below-identified patent documents

Patent Application Title: Cross-Flow Electrochemical Separation Devices and Methods of Assembling Same Filing Date(s): 04-02-2015 Filing Number(s): PCT/US2015/024089 Internal Case Number(s): 2014P06049WO

Patent Application Title : Cross-Flow Electrochemical Separation Devices and Methods of Assembling Same Filing Date : 08/05/2016 Filing No.: 15/116964 Internal Case Number(s): 2014P06049WOUS

and in and to said patent documents, including any and all patent applications and granted patents and all applications and granted patents and registrations claiming priority to said patent application and granted patent, including, without limitation, and all divisional, continuing, substitute, renewal, reissue, and all other applications for Letters Patent which have been or shall be filed in the United States and all foreign countries on any of the inventions and/or improvements; and in and to all original and reissued patents which have been or shall be filed in the United States and all foreign countries on shall be filed in the United States and all other applications and/or improvements; and in and to all original and reissued patents which have been or shall be filed in the United States and all foreign countries on the inventions and/or improvements, as fully and entirely as the same would have been held by Assignors had this Assignment and sale had not been made;

Agree that said Assignee may apply for and receive Letters Patent for said inventions and/or improvements in its own name; and that, when requested, without charge to but at the expense of said Assignee, its successors, assigns and legal representatives, to carry out in good faith the intent and purpose of this assignment, the undersigned will execute all divisional, continuing, substitute, renewal, reissue, and all other patent applications on any and all said inventions and/or improvements; execute all rightful oaths, assignments, powers of attorney and other papers; communicate to said Assignee, its successors, assigns, and legal representatives, all facts known to the undersigned relating to said inventions and/or improvements and the history thereof; and generally do everything possible which said Assignee, its successors, assigns or legal representatives shall consider desirable for aiding in securing and maintaining proper patent protection for said inventions and/or improvements and for vesting title to said inventions and or improvements and all applications for patents and all patents on said inventions and/or improvements, in said Assignee, its successors, assignee desirable for aiding in securing and maintaining proper patent protection for said inventions and/or improvements and for vesting title to said inventions and or improvements and all applications for patents and all patents on said inventions and/or improvements, in said Assignee, its successors, assigns and legal representatives as fully and entirely as the same would have been held by me had this Assignment and sale had not been made; and

Covenant with said Assignee, its successors, assigns and legal representatives that no assignment, grant, mortgage, license or other agreement affecting the rights and property herein conveyed has been made to others by the undersigned, and that full right to convey the same as herein expressed is possessed by the undersigned.

| Evoqua Water Technologies Pte. Ltd. | |
|---|--|
| Evoqua Water Technologies Pte. Ltd. Signature Dec pake D. Tellot | Title Managing Director/Financial Director |
| Name Deepak Mehta / Lynn Wong | Date 03rd Oct 16 |

| Evoqua Water Technologies, LLC | 2 | | |
|--------------------------------|----------|---------------------|---|
| Signature 4 | Title | Assistant Secretary | |
| Name Gary C. Ganzi | Date | October 4, 2016 | _ |

PATENT REEL: 039931 FRAME: 0287

RECORDED: 10/04/2016