

## PATENT ASSIGNMENT COVER SHEET

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<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
HDR ENGINEERING, INC.	12/06/2017
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	DES MOINES METROPOLITAN WASTEWATER RECLAMATION AUTHORITY
<b>Street Address:</b>	3000 VANDALIA ROAD
<b>City:</b>	DES MOINES
<b>State/Country:</b>	IOWA
<b>Postal Code:</b>	50317
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
<b>Application Number:</b>	16213218
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<b>NAME OF SUBMITTER:</b>	KIRK M. HARTUNG
<b>SIGNATURE:</b>	/Kirk M. Hartung/
<b>DATE SIGNED:</b>	12/07/2018
<b>Total Attachments: 2</b>	
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## A S S I G N M E N T

For good and valuable consideration, the receipt and sufficiency whereof are hereby acknowledged, the undersigned hereby assigns to **Des Moines Metropolitan Wastewater Reclamation Authority**, an Iowa municipal authority, having an address of 3000 Vandalia Road, Des Moines, IA 50317, its successors and assigns the entire right, title and interest in the invention or improvements of the undersigned disclosed in United States Serial No. 62/608,286, filed in the United States Patent and Trademark Office on the 20th day of December, 2017, entitled **PHOSPHORUS RELEASE REACTOR FOR WATER TREATMENT**, and in said application and any and all other applications for United States Letters Patent, which the undersigned may file, either solely or jointly with others, on said invention or improvements, and in any and all Letters Patent, applications, and in any reissue or extension thereof.

The undersigned hereby authorizes and requests the Commissioner of Patents to issue said Letters Patent to said **Des Moines Metropolitan Wastewater Reclamation Authority**.

For said considerations the undersigned hereby agrees, upon the request, and at the expense of said assignee, its successors and assigns, to execute any and all divisional continuation and substitute applications for said invention or improvements, and any necessary oath or affidavit relating thereto, and any application for the reissue or extension of any Letters Patent that may be granted upon said application, and for the said considerations the undersigned further agrees upon the request of said assignee, its successors or assigns, in the event of any application or Letters Patent assigned herein becoming involved in interference, to cooperate to the best of the ability of the undersigned with said assignee, its successors or assigns in the matters of preparing and executing the preliminary statement and giving and producing evidence in support thereof, the undersigned hereby agreeing to perform, upon request, any and all affirmative acts to obtain said Letters Patent of the United States and vest all rights therein hereby conveying in the said assignee, its successors and assigns whereby said Letters Patent will

