503380699 07/07/2015

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PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:NEW ASSIGNMENTNATURE OF CONVEYANCE:ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
FRED MUELLER	07/06/2015

RECEIVING PARTY DATA

Name:	MUELLER ENVIRONMENTAL DESIGNS, INC.	
Street Address:	7607 WRIGHT ROAD	
City:	HOUSTON	
State/Country:	TEXAS	
Postal Code:	77041	

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	14792768

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ATTORNEY DOCKET NUMBER: 2536-00202

NAME OF SUBMITTER: THOMAS L. WARDEN

SIGNATURE: /Thomas L. Warden/

DATE SIGNED: 07/07/2015

Total Attachments: 2

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PATENT 503380699 REEL: 036005 FRAME: 0279

ASSIGNMENT

IN CONSIDERATION OF TEN DOLLARS (\$10.00) cash in hand paid to me by Mueller Environmental Designs, Inc., the receipt and sufficiency of which are hereby acknowledged, I, Fred Mueller ("ASSIGNOR"), having made an invention in Swirl Helical Elements for a Viscous Impingement Particle Collection and Hydraulic Removal System, while in the employ either as an employee or consultant of Mueller Environmental Designs, Inc., a corporation organized and existing under the laws of the State of Texas, doing business at 7607 Wright Road, Houston, Texas 77041 (sometimes hereinafter called "ASSIGNEE"), do hereby ASSIGN, SELL and CONVEY to said ASSIGNEE, its successors and assigns, the entire right, title and interest throughout the world in and to:

- 1. Said invention in Swirl Helical Elements for a Viscous Impingement Particle Collection and Hydraulic Removal System;
- United States of America patent application on said invention, Application No. 13/250,479 filed September 30, 2011, Attorney File Number 2536-00200, entitled Swirl Helical Elements for a Viscous Impingement Particle Collection and Hydraulic Removal System.
- 3. United States of America divisional patent application on said invention, Application No. 14/521,141 filed October 22, 2014, 2011, Attorney File Number 2536-00201, entitled Swirl Helical Elements for a Viscous Impingement Particle Collection and Hydraulic Removal System.
- 4. United States of America continuation-in-part patent application on said invention, Application No. 14/792,768 filed July 7, 2015, Attorney File Number 2536-00202 (attorney is authorized to fill in the application number and filing date after assignment by the U.S. Patent and Trademark Office), entitled Swirl Helical Elements for a Viscous Impingement Particle Collection and Hydraulic Removal System.

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- All applications for patent or like protection on said invention that have now been or may in the future be made by me or my legal representatives, including any continuation, continuation-in-part and any other utility applications that may be based on this invention, whether in the United States of America or any other place anywhere in the world;
- 6. All patents and like protection that have now been or may in the future be granted on said invention to me or my legal representatives, whether in the United States of America or in any other country or place anywhere in the world;
- 7. All substitutions for and divisions, continuations, continuations-inpart, renewals, reissues, extensions, and the like of said applications and patents and like grants, including without limitation, those obtained or permissible under past, present and future laws and statutes;
- All rights of action on account of past, present and future unauthorized use of said invention and for infringement of said patents and like protection;
- 9. The right in ASSIGNEE to file in its name applications for patents and like protection for said invention in any country or countries foreign to the United States; and
- 10. All international rights of priority associated with said invention, applications, patents and like protection;

and I covenant that I, and my heirs, legal representatives, assigns, administrators, and executors, will, at the expense of ASSIGNEE, its successors and assigns, execute all papers and perform such other acts as may be reasonably necessary to give ASSIGNEE, its successors and assigns, the full benefit of this Assignment.

EXECUTED in Houston, Texas on the date indicated below, opposite my signature.

Date: 7/4/2015

Fred Mueller

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