

PATENT ASSIGNMENT

Electronic Version v1.1

Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
Trevor Wardle	02/23/2008
RECEIVING PARTY DATA	
Name:	TW Environmental, Inc.
Street Address:	P.O. Box 1774
City:	Ashland
State/Country:	KENTUCKY
Postal Code:	41105
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	12036224
CORRESPONDENCE DATA	
Fax Number:	(248)641-0270
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>	
Phone:	(248) 641-1600
Email:	cshelby@hdp.com
Correspondent Name:	Harness, Dickey & Pierce, P.L.C.
Address Line 1:	P.O. Box 828
Address Line 4:	Bloomfield Hills, MICHIGAN 48303
ATTORNEY DOCKET NUMBER:	15338-000001/US
NAME OF SUBMITTER:	Erica K. Schaefer
Total Attachments: 2 source=Assignment as filed#page1.tif source=Assignment as filed#page2.tif	

CH \$40.00 12036224

500472351

PATENT
REEL: 020559 FRAME: 0212

ASSIGNMENT

Atty. Docket No. 15338-000001/US

The undersigned, hereinafter referred to collectively as Assignor, has an interest in the invention entitled:

SYSTEM AND METHOD FOR A MOVING BED ADSORBER FOR CONTAMINANT REMOVAL

which is the subject of a United States or International application for patent

- (a) ☐ executed on even date preparatory to filing (each inventor should sign this Assignment on the same day as he/she signs the Declaration and Power of Attorney);
- (b) ☐ executed on _____, _____, _____;
- (c) ☒ filed on 02/23/2008, and assigned Serial No. 12/036,224 or PCT International Application No. _____;
- (d) ☐ U.S. Patent No. _____, issued _____, and
☐ presently assigned as evidenced at Reel _____, Frame _____; or
- (e) ☐ entitled above and naming the undersigned inventors in this provisional patent application; and

TW Environmental, Inc., hereinafter referred to as Assignee, is desirous of acquiring Assignor's interest therein:

NOW, THEREFORE, for good and valuable consideration, the receipt and adequacy whereof is hereby acknowledged, Assignor by these presents does sell, assign and transfer unto Assignee and its successors in interest, the full and exclusive right, title and interest in the United States of America and all foreign countries, including the right to claim priority under the laws of the United States, the Paris Convention, and any foreign countries, to the said invention as described in the aforesaid application, said application for patent and all Letters Patent therefor to be held and enjoyed by Assignee to the full end of the term for which said Letters Patent are granted and any extensions thereof as fully and entirely as the same would have been held by Assignor had this assignment and sale not been made, and the right to recover for past infringements of, or liabilities for, any of the rights relating to any of said applications or patents resulting therefrom;

Assignor hereby covenants and agrees to execute all instruments or documents required or requested for the making and prosecution of any applications of any type for patent in the United States and in all foreign countries including, but not limited to, any provisional, continuation, continuation-in-part, divisional, renewal or substitute thereof, and as to letters patent any reissue, re-examination, or extension thereof, and for litigation regarding, or for the purpose of protecting title to the said invention, the United States application for patent, or Letters Patent therefor, and to testify in support thereof, for the benefit of Assignee without further or other compensation than that above set forth;

Assignor hereby covenants that no assignment, sale or agreement or encumbrance has been or will be entered into which would conflict with this Assignment; and

Assignor hereby requests the Commissioner of Patents and Trademarks to issue said Letters Patent of the United States of America to Assignee, and requests that any official of any country or countries foreign to the United States, whose duty it is to issue or grant patents and applications as aforesaid, to issue said Letters Patent, Utility Model Registration or Inventor's Certificate to Assignee.

Assignor hereby authorizes an attorney authorized to prosecute this patent application to insert here in parentheses (Application No. 12/036,224, filed 02/23/2008) the filing date and application number of said application when known.

ASSIGNMENT

Trevor Wardle

Trevor Wardle
Sole Inventor or Assignor

State of Arizona)
County of Boyd) ss.

On this 2nd day of February, 2008, before me personally appeared the foregoing individual, who executed the foregoing instrument and who acknowledged to me that he/she executed the same of his/her own free will for the purposes therein set forth.

Notary Public, [Signature]

(seal)

Acting in the County Of Boyd

State Of Arizona

My Commission Expires

12-23-09