PATENT ASSIGNMENT

Electronic Version v1.1 Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
Mr Leland M Vane	08/26/2008
Mr Franklin R Alvarez	08/26/2008

RECEIVING PARTY DATA

Name:	The United States Environmental Protection Agency
Street Address:	26 W. Martin Luther King Drive
Internal Address:	Mail Stop 443
City:	Cincinnati
State/Country:	CALIFORNIA
Postal Code:	45268

PROPERTY NUMBERS Total: 1

Property Type	Number
PCT Number:	US0874488

CORRESPONDENCE DATA

Fax Number: (650)328-6580

Correspondence will be sent via US Mail when the fax attempt is unsuccessful.

Phone: 650-543-3375 Email: jennyv@mtrinc.com Correspondent Name: Jennifer Valcov

Address Line 1: 1360 Willow Road, Suite 103 Menlo Park, CALIFORNIA 94025 Address Line 4:

NAME OF SUBMITTER: Jennifer Valcov

Total Attachments: 4 source=Vane151#page1.tif source=Vane151#page2.tif source=alvarez151#page1.tif source=alvarez151#page2.tif

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PATENT

REEL: 023859 FRAME: 0664

Assignment of Invention and Patent Application

For value received,

Leland M Vane of Cincinnati, OH

(hereinafter assignor) hereby assigns, transfers and sets over unto U.S. Environmental

Protection Agency and his or her successors or assigns (hereinafter assignee), 100% of the

following:

A) Assignor's right, title and interest in and to the invention entitled:

"Membrane Augmented Distillation to Separate Solvents from Water"

invented by assignor, and filed August 27th, 2008;

B) The application for United States Patent therefor, signed by assignor

Leland M. Vane on __August 27th, 2008

C) Any patent or any reissue of any patent that may be granted thereon; and

D) Any applications that are continuations, continuations-in-part, substitutes or divisions of said

application.

Assignor authorizes assignee to enter the date of signature and/or serial number and filing date in

the spaces above. Assignor also authorizes and requests the Commissioner of Patents and

Trademarks to issue any resulting patent(s) as follows: 100% to assignee and 0% to assignor.

(The singular shall include the plural and vice versa.)

Assignor hereby further sells, assigns, transfers and sets over unto assignee, the above percentage

of assignor's entire right, title and interest in and to said invention in each and every country

foreign to the United States. Assignor further conveys to assignee the above percentage of all

priority rights resulting from the above-identified application for United States patent.

Assignor agrees to execute all papers, give any required testimony and perform other lawful acts,

PATENT REEL: 023859 FRAME: 0665

at assignee's expense, as assignee may require to enable assignee to perfect assignee's interest in any resulting patent of the United States and countries foreign thereto, and to acquire, hold, enforce, convey and uphold the validity of said patent and reissues and extensions thereof, and assignee's interest therein.

In testimony whereof, assignor has hereunto set its hand and seal on the date below.

Leland M. Vane

State Ohio

Leland M. Vane

Known to me to be the person whose name is subscribed on the foregoing instrument and acknowledged to me that he executed the same for the purposes and consideration therein expressed.

Given under my hand and seal of office this 26th day of August 2008

ANGELA M. PRESTON

Dengela M. Preston

NOTARY PUBLIC, STATE OF OHIO MY COMMISSION EXPIRES 10/25/09

My commission expires 10/26/09

SEAL

REEL: 023859 FRAME: 0666

Assignment of Invention and Patent Application

For value received,

Franklin R. Alvarez of Cincinnati, OH

(hereinafter assignor) hereby assigns, transfers and sets over unto The United States

Environmental Protection Agency and his or her successors or assigns (hereinafter assignee),

100% of the following:

A) Assignor's right, title and interest in and to the invention entitled:

"Membrane Augmented Distillation to Separate Solvents from Water"

invented by assignor, and filed August 27th, 2008;

B) The application for United States Patent therefor, signed by assignor

Franklin R. Alvarez on __ August 27th, 2008

C) Any patent or any reissue of any patent that may be granted thereon; and

D) Any applications that are continuations, continuations-in-part, substitutes or divisions of said

application.

Assignor authorizes assignee to enter the date of signature and/or serial number and filing date in

the spaces above. Assignor also authorizes and requests the Commissioner of Patents and

Trademarks to issue any resulting patent(s) as follows: 100% to assignee and 0% to assignor.

(The singular shall include the plural and vice versa.)

Assignor hereby further sells, assigns, transfers and sets over unto assignee, the above percentage

of assignor's entire right, title and interest in and to said invention in each and every country

foreign to the United States. Assignor further conveys to assignee the above percentage of all

priority rights resulting from the above-identified application for United States patent.

Assignor agrees to execute all papers, give any required testimony and perform other lawful acts,

PATENT REEL: 023859 FRAME: 0667 at assignee's expense, as assignee may require to enable assignee to perfect assignee's interest in any resulting patent of the United States and countries foreign thereto, and to acquire, hold, enforce, convey and uphold the validity of said patent and reissues and extensions thereof, and assignee's interest therein.

In testimony whereof, assignor has hereunto set its hand and seal on the date below.

Signature

Franklin R. Alvarez

State_

<u>Franklin R. Alvarez</u>

Known to me to be the person whose name is subscribed on the foregoing instrument and acknowledged to me that he executed the same for the purposes and consideration therein expressed.

Given under my hand and seal of office this 26th day of August 2008

My commission expires 10 bs/09

SEAL

RECORDED: 01/27/2010

REEL: 023859 FRAME: 0668