

## PATENT ASSIGNMENT

Electronic Version v1.1  
 Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT												
NATURE OF CONVEYANCE:	ASSIGNMENT												
CONVEYING PARTY DATA													
<table border="1"> <thead> <tr> <th>Name</th> <th>Execution Date</th> </tr> </thead> <tbody> <tr> <td>David Livshits</td> <td>11/13/2011</td> </tr> <tr> <td>Lester Teichner</td> <td>12/07/2011</td> </tr> </tbody> </table>		Name	Execution Date	David Livshits	11/13/2011	Lester Teichner	12/07/2011						
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RECEIVING PARTY DATA													
<table border="1"> <tr> <td>Name:</td> <td>Turbulent Energy LLC</td> </tr> <tr> <td>Street Address:</td> <td>One Cranberry Hill</td> </tr> <tr> <td>Internal Address:</td> <td>Suite 6</td> </tr> <tr> <td>City:</td> <td>Lexington</td> </tr> <tr> <td>State/Country:</td> <td>MASSACHUSETTS</td> </tr> <tr> <td>Postal Code:</td> <td>02421</td> </tr> </table>		Name:	Turbulent Energy LLC	Street Address:	One Cranberry Hill	Internal Address:	Suite 6	City:	Lexington	State/Country:	MASSACHUSETTS	Postal Code:	02421
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PROPERTY NUMBERS Total: 1													
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CORRESPONDENCE DATA													
<p>Fax Number: (312)609-5005          Phone: 312-609-7745          Email: avilleneuve@vedderprice.com  <i>Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent via US Mail.</i></p> <p>Correspondent Name: Alain Villeneuve          Address Line 1: 222 North LaSalle Street          Address Line 2: Suite 2500          Address Line 4: Chicago, ILLINOIS 60601</p>													
ATTORNEY DOCKET NUMBER:	41675.00.0030												
NAME OF SUBMITTER:	Alain Villeneuve												
Total Attachments: 4 source=int332#page1.tif source=int332#page2.tif source=int332#page3.tif source=int332#page4.tif													

CH \$40.00 13294737

**ASSIGNMENT**

This Assignment Agreement (the "Agreement") is made and entered into on the date set forth below on the signature pages attached hereto by and between the following:

David Livshits, residing and having a post office address at 501 33 Avenue, Apt. 203, San Francisco, California 94121; and Lester Teichner, residing and having a post office address at 2230 North Seminary Avenue, Chicago, Illinois 60614 (the "Assignors"); and

Turbulent Energy LLC, a limited liability company legally organized under the laws of the State of Delaware, located and doing business at One Cranberry Hill, Suite 6, Lexington Massachusetts 02421 (the "Assignee") (each a "Party," and collectively, the "Parties").

WHEREAS, Assignors have invented certain new and useful improvements as described and set forth in the below-identified application for United States Letters Patent:

**EMULSION, APPARATUS, SYSTEM AND METHOD FOR DYNAMIC PREPARATION**

U.S. Application No: 13/294,737 Filing Date: November 11, 2011

WHEREAS, Assignee is desirous of acquiring Assignors' right, title, and interest in, to, and under such improvements, such application, any Letters Patent that may be granted on the same, and any other application or Letters Patent covering such improvements (the "Patent Rights") as hereinafter more fully set forth;

NOW, THEREFORE, TO ALL WHOM IT MAY CONCERN, in consideration of the foregoing, the mutual covenants set forth herein, for valuable consideration, the receipt and sufficiency of which is hereby acknowledged by the Parties, and intending to be legally bound, the Parties agree as follows:

1. Assignors hereby sell, assign, and transfer to Assignee Assignors' right, title, and interest in, to, and under the Patent Rights and any other application or Letters Patent covering the Patent Rights that may be granted therefrom due to divisions, reissue, substitutions, extensions, continuations, and continuations-in-part.
2. Assignors hereby sell, assign, and transfer to Assignee all Assignors' right, title, and interest in and to any related or counterpart patent applications, invention registrations or equivalents thereto and any Letters Patent therefrom in all countries foreign to the United States, including the right to claim priority under the International Convention for the Protection of Industrial Property and other agreements and treaties of like purpose, claiming approximately the same subject matter of the Patent Rights.

D.L.

3. Assignors represent and warrant that all such sales, assignments, and transfers are valid and free and clear of all liens, encumbrances, and claims of third parties.

4. This Agreement shall be binding upon and inure to the benefit of the Parties hereto and their respective successors, permitted assigns, heirs, legatees, and personal representatives, as the case may be.

5. Assignors covenant to (a) execute any and all powers of attorney, applications, assignments, declarations, affidavits, and any other papers in connection therewith necessary to perfect such rights, title, and interest in, to, and under the Patent Rights in Assignee; (b) assist Assignee in the prosecution of any of the applications herein referred to, including, without limitation, signing all lawful papers, executing all divisional, continuation, continuation-in-part, reissue, and substitute applications, making all lawful oaths, and assisting in vesting title in the Assignee and to aid the Assignee to obtain and enforce proper protection for the subject matter of the Patent Rights in all countries; and (c) assist Assignee in the prosecution or defense of any interference, infringement, or other action that may arise involving the Patent Rights or any claim thereto or thereunder, including, without limitation, testifying in any legal proceedings and notifying Assignee promptly of any subpoena or contact by any person other than Assignee or its agents regarding the Patent Rights, and in any event at least one week prior to any deposition, legal inquiry, or legal proceeding relating to the Patent Rights.

6. Assignors covenant that the Commissioner of Patents and Trademarks is authorized and requested to issue any Letters Patent arising from the Patent Rights to Assignee in accordance with the terms of this Agreement.

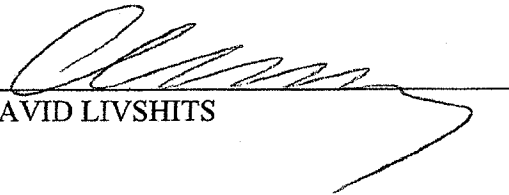
7. Assignor hereby authorizes and requests the attorneys of record in the application bearing the abovementioned docket number to insert in this assignment the U.S. application number of said application when officially known, if applicable.

\* \* \* \* \*

[CONTINUED ON NEXT PAGE]

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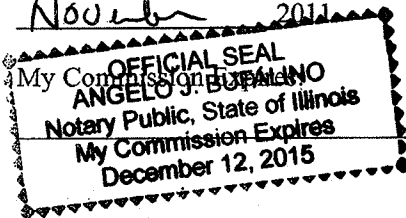
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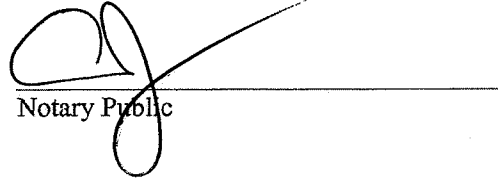
  
DAVID LIVSHITS

STATE OF ILLINOIS )  
COUNTY OF COOK ) SS

I, the undersigned, a Notary Public in and for the county and state aforesaid, do hereby certify that David Livshits, personally known to me to be the same person whose name is subscribed to the foregoing instrument, appeared before me this day in person and acknowledged that he signed, sealed and delivered the said instrument as his free and voluntary act for the uses and purposes therein set forth.

IN WITNESS WHEREOF, I have hereunto set my hand and Notarial Seal, this 13th day of November, 2011.



  
Notary Public

\* \* \* \* \*

[CONTINUED ON NEXT PAGE]

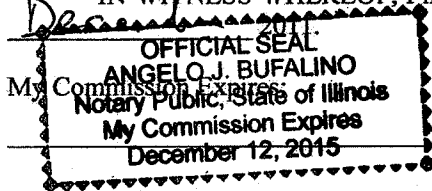
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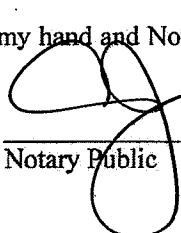
  
LESTER TEICHNER

STATE OF Illinois )  
 ) SS  
COUNTY OF Cook )

I, the undersigned, a Notary Public in and for the county and state aforesaid, do hereby certify that Lester Teichner, personally known to me to be the same person whose name is subscribed to the foregoing instrument, appeared before me this day in person and acknowledged that he signed, sealed and delivered the said instrument as his free and voluntary act for the uses and purposes therein set forth.

IN WITNESS WHEREOF, I have hereunto set my hand and Notarial Seal, this 7th day of December 2011.

 OFFICIAL SEAL  
ANGELO J. BUFALINO  
Notary Public, State of Illinois  
My Commission Expires  
December 12, 2015

  
Notary Public

\* \* \* \* \*

[END OF ASSIGNMENT]