

**TRADEMARK ASSIGNMENT**

Electronic Version v1.1  
 Stylesheet Version v1.1

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	SECURITY INTEREST

**CONVEYING PARTY DATA**

Name	Formerly	Execution Date	Entity Type
Terrabon, Inc.		10/14/2011	CORPORATION: DELAWARE
Terrabon Mix-Alco, LLC		10/14/2011	LIMITED LIABILITY COMPANY: TEXAS
Terrabon Adve, LLC		10/14/2011	LIMITED LIABILITY COMPANY: TEXAS
Terrabon Solupro, LLC		10/14/2011	LIMITED LIABILITY COMPANY: TEXAS
Terrabon Operating Company, LLC		10/14/2011	LIMITED LIABILITY COMPANY: TEXAS
Terrabon Research Company, LLC		10/14/2011	LIMITED LIABILITY COMPANY: TEXAS

**RECEIVING PARTY DATA**

<b>Name:</b>	Comerica Bank
<b>Street Address:</b>	39200 Six Mile Road
<b>Internal Address:</b>	M/C 7578
<b>City:</b>	Livonia
<b>State/Country:</b>	MICHIGAN
<b>Postal Code:</b>	48152
<b>Entity Type:</b>	a Texas banking association: TEXAS

**PROPERTY NUMBERS Total: 3**

Property Type	Number	Word Mark
Registration Number:	4002201	TERRABON
Registration Number:	3578137	MIXALCO
Serial Number:	85076340	ADVE

**CORRESPONDENCE DATA**

Fax Number: (734)930-2494

**900205051**

**TRADEMARK  
 REEL: 004644 FRAME: 0532**

**OP \$90.00 4002201**

Phone: 734-761-3780  
Email: asujek@bodmanlaw.com  
*Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent via US Mail.*  
Correspondent Name: Angela Alvarez Sujek - Bodman PLC  
Address Line 1: 201 South Division, Ste. 400  
Address Line 4: Ann Arbor, MICHIGAN 48104

NAME OF SUBMITTER:	Angela Alvarez Sujek
Signature:	/Angela Alvarez Sujek/
Date:	10/19/2011

Total Attachments: 9  
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## INTELLECTUAL PROPERTY SECURITY AGREEMENT

This Intellectual Property Security Agreement is entered into as of October 14, 2011 by and among COMERICA BANK ("Bank") and TERRABON, INC., TERRABON MIX-ALCO, LLC, TERRABON ADVE, LLC, TERRABON SOLUPRO, LLC, TERRABON OPERATING COMPANY, LLC, and TERRABON RESEARCH COMPANY, LLC (collectively "Grantors" and each individually, a "Grantor").

### RECITALS

A. Bank has agreed to make certain advances of money and to extend certain financial accommodations (the "Loans") to Grantors in the amounts and manner set forth in that certain Loan and Security Agreement by and among Bank and Grantors dated of even date herewith (as the same may be amended, modified or supplemented from time to time, the "Loan Agreement"). Capitalized terms used herein are used as defined in the Loan Agreement.

B. Bank is willing to make the Loans to Grantors, but only upon the condition, among others, that each Grantor shall grant to Bank a security interest in certain Copyrights, Trademarks and Patents to secure the obligations of Grantors, or any of them, under the Loan Agreement.

C. Pursuant to the terms of the Loan Agreement, each Grantor has granted to Bank a security interest in all of such Grantor's right, title and interest, whether presently existing or hereafter acquired, in, to and under all of the Collateral.

NOW, THEREFORE, for good and valuable consideration, receipt of which is hereby acknowledged, and intending to be legally bound, as collateral security for the prompt and complete payment when due of the obligations of Grantors, or any of them, under the Loan Agreement and all other agreements now existing or hereafter arising between Grantors, or any of them, and Bank, each Grantor hereby represents, warrants, covenants and agrees as follows:

### AGREEMENT

To secure the obligations of Grantors, or any of them, under the Loan Agreement and under any other agreement now existing or hereafter arising between Grantors, or any of them, and Bank, each Grantor grants and pledges to Bank a security interest in all of such Grantor's right, title and interest in, to and under its Intellectual Property Collateral (including without limitation those Copyrights, Patents and Trademarks listed on the Schedules attached hereto), and including without limitation all proceeds thereof (such as, by way of example but not by way of limitation, license royalties and proceeds of infringement suits), the right to sue for past, present and future infringements, all rights corresponding thereto throughout the world and all re-issues, divisions continuations, renewals, extensions and continuations-in-part thereof.

The security interests granted hereunder are in conjunction with the security interests granted to Bank under the Loan Agreement. The rights and remedies of Bank with respect to the security interests granted hereby are in addition to those set forth in the Loan Agreement and the other Loan Documents, and those which are now or hereafter available to Bank as a matter of law or equity. Each right, power and remedy of Bank provided for herein or in the Loan Agreement or any of the Loan Documents, or now or hereafter existing at law or in equity shall be cumulative and concurrent and shall be in addition to every right, power or remedy provided for herein and the exercise by Bank of any one or more of the rights, powers or remedies provided for in this Intellectual Property Security Agreement, the Loan Agreement or any of the other Loan Documents, or now or hereafter existing at law or in equity, shall not preclude the simultaneous or later exercise by any person, including Bank, of any or all other rights, powers or remedies.

Each Grantor represents and warrants that the Schedules attached hereto set forth any and all intellectual property rights in connection to which Grantors have registered or filed an application with either the United States Patent and Trademark Office or the United States Copyright Office, as applicable.

**THIS WRITTEN LOAN AGREEMENT (AS DEFINED BY SECTION 26.02 OF THE TEXAS BUSINESS AND COMMERCE CODE) REPRESENTS THE FINAL AGREEMENT BETWEEN THE PARTIES AND MAY NOT BE CONTRADICTED BY EVIDENCE OF PRIOR, CONTEMPORANEOUS, OR**

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SUBSEQUENT ORAL AGREEMENTS OF THE PARTIES. THERE ARE NO UNWRITTEN ORAL AGREEMENTS BETWEEN THE PARTIES.

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IN WITNESS WHEREOF, the parties have caused this Intellectual Property Security Agreement to be duly executed by its officers thereunto duly authorized as of the first date written above:

Address of Bank:

Comerica Bank  
National Documentation Services  
39200 Six Mile Rd.  
Mail Code: 7578  
Livonia, MI 48152

Bank:

COMERICA BANK  
By: [Signature]  
Name: Steven J. DiPasquale  
Title: Vice President

Address of Grantors:

20329 State Highway 249, Suite 350  
Houston, Texas 77070  
Attn: \_\_\_\_\_

Borrowers:

TERRABON MIX  
By: [Signature]  
Name: Gary W. Luce  
Title: CEO

TERRABON MIX-ALCO, LLC  
By: [Signature]  
Name: Gary W. Luce  
Title: President

TERRABON ADVE, LLC  
By: [Signature]  
Name: Gary W. Luce  
Title: President

TERRABON SUPRO, LLC  
By: [Signature]  
Name: Gary W. Luce  
Title: President

TERRABON OPERATING COMPANY, LLC  
By: [Signature]  
Name: Gary W. Luce  
Title: President

TERRABON RESEARCH COMPANY, LLC  
By: [Signature]  
Name: Gary W. Luce  
Title: President

SCHEDULE 1

TERRABON, INC.

Copyrights

None

Patents

Title	App. No.	Filing Date	Reg. No.	Date Granted
Method and system for solubilizing protein	11/142622	6/1/05	7,705,116	4/27/10
Alternative paths to alcohols and hydrocarbons from biomass	12/629285	12/2/09	n/a	n/a
Method and system for solubilizing protein	12/718464	3/5/10	n/a	n/a

Trademarks

Mark	App. No.	Filing Date	Reg. No.	Reg. Date
TERRABON	85/198137	12/15/10	4,002,201	7/26/11
MIXALCO	78/972540	9/12/06	3,578,137	2/17/09

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**SCHEDULE 2**

**TERRABON MIX-ALCO, LLC**

**Copyrights**

None

**Patents**

None

**Trademarks**

None

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**SCHEDULE 3**

**TERRABON ADVE, LLC**

**Copyrights**

None

**Patents**

Title	App. No.	Filing Date	Reg. No.	Date Granted
Desalination System	11/870174	10/10/07	n/a	n/a
Jet ejector system and method	11/972013	1/10/08	7,950,250	5/31/11
Vapor-compression evaporation system and method	10/944317	9/17/04	7,708,865	5/4/10
Vapor-compression evaporation system and method	11/057085	2/10/05	7,251,944	8/7/07
Jet ejector system and method	10/944071	9/17/04	7,328,591	2/12/08

**Trademarks**

Mark	App. No.	Filing Date	Reg. No.	Reg. Date
ADVE	85/076340	7/1/10	n/a	n/a



**SCHEDULE 4**

**TERRABON SOLUPRO, LLC**

**Copyrights**

None

**Patents**

None

**Trademarks**

None

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**TRADEMARK  
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**SCHEDULE 5**

**TERRABON OPERATING COMPANY, LLC**

**Copyrights**

None

**Patents**

None

**Trademarks**

None

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**SCHEDULE 6**

**TERRABON RESEARCH COMPANY, LLC**

**Copyrights**

None

**Patents**

None

**Trademarks**

None

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