Form **PTO-1595** (Rev. 03-09) OMB No. 0651-0027 (exp. 03/31/2009)

10/28/10

Received Received St. 5th Floor

RECORDATION FORM (

10-28-2010

MMERCE emark Office

|--|--|--|--|--|--|--|--|--|--|--|--|

TO 12011° PATEN	1 183101 1131
To the Director of the U.S. Patent and Trademark Office: Plea	se recor: 1036101.8.0 address(es) below.
1. Name of conveying party(ies)	2. Name and address of receiving party(ies)
ZeaChem, Inc.	Name: Venture Lending & Leasing V, Inc. and
and ZeaChem Intellectual Properties LLC	Internal Address: Venture Lending & Leasing VI, Inc.
Additional name(s) of conveying party(ies) attached? Yes X N	0
3. Nature of conveyance/Execution Date(s):	Street Address: 2010 North First Street, Suite 310
Execution Date(s) 9/17/10	
Assignment Merger	
Security Agreement Change of Name	City: San Jose
Joint Research Agreement	State: CA
Government Interest Assignment	
Executive Order 9424, Confirmatory License	Country: USA Zip: 95131
Other	Additional name(s) & address(es) attached? Yes X No
4. Application or patent number(s):	document is being filed together with a new application.
A. Patent Application No.(s)	B. Patent No.(s)
12/693,533; 61/230,208; 12/324,015; 61/288,429; 12/548,312; 12/029,321; 12/368,040; 61/295,079; 61/296,702; 61/296,706;	6,509,180; 6,927,048; 7,351,559; 7,682,812; 7,074,603; 7,507,562; 7,601,865
61/296,710; 61/296,692; 61/296,684; 61/235,431; 61/346,684; 12/437,445	
Additional numbers at	ttached? Yes XNo
5. Name and address to whom correspondence concerning document should be mailed:	6. Total number of applications and patents involved: 24
Name: Jeffrey T. Klugman	
Internal Address:	7. Total fee (37 CFR 1.21(h) & 3.41) \$960
	Authorized to be charged to deposit account
Street Address: 4 Embarcadero Center, Suite 4000	
	None required (government interest not affecting title)
City: San Francisco	8. Payment Information
State: CA Zip: 94111	
Phone Number: 415-981-1400	December 1 Account Name
Fax Number: 415-777-4961	Deposit Account Number
Email Address:	Authorized User Name 969.99 0
9. Signature:	10/26/10
Signature	Date
effrey T. Klugman	Total number of pages including cover 14
Name of Person Signing	sheet, attachments, and documents:

Documents to be recorded (including cover sheet) should be faxed to (571) 273-0140, or mailed to:
Mail Stop Assignment Recordation Services, Director of the USPTO, P.O.Box 1450, Alexandria, V.A. 22313-1450

47558/0011; tap/gk; 385868.1

INTELLECTUAL PROPERTY SECURITY AGREEMENT

This Intellectual Property Security Agreement (this "Agreement") is made as of September 17, 2010, by and between ZEACHEM INC. a Delaware corporation ("ZCI"), ZEACHEM INTELLECTUAL PROPERTIES LLC, a Delaware limited liability corporation ("ZIP") (ZCI and ZIP sometimes referred to herein individually or together as "Grantor"), VENTURE LENDING & LEASING V, INC. ("VILS") and VENTURE LENDING & LEASING VI, INC. ("VLL6"), both Maryland corporations (sometimes referred to herein individually or together as "Secured Party").

RECITALS

- A. Pursuant to that certain Loan and Security Agreement of even date herewith between Grantor, as borrower, and Secured Party, as lender, as such agreement may from time to time be amended, restated, supplemented or otherwise modified (the "Loan Agreement"), Secured Party has agreed to make certain advances of money and to extend certain financial accommodations to Grantor (the "Loans") in the amounts and manner set forth in the Loan Agreement. All capitalized terms used herein without definition shall have the meanings ascribed to them in the Loan Agreement.
- B. Secured Party is willing to make the Loans to Grantor, but only upon the condition, among others, that Grantor shall grant to Secured Party a security interest in substantially all of Grantor's personal property whether presently existing or hereafter acquired. To that end, Grantor has executed in favor of Secured Party the Loan Agreement granting a security interest in all Collateral, and is executing this Agreement with respect to certain items of Intellectual Property, in particular.

NOW, THEREFORE, THE PARTIES HERETO AGREE AS FOLLOWS:

- 1. Grant of Security Interest. As collateral security for the prompt and complete payment and performance of all of Grantor's present or future Obligations, Grantor hereby grants a security interest and mortgage to Secured Party, as security, in and to Grantor's entire right, title and interest in, to and under the following Intellectual Property, now owned or hereafter acquired by Grantor or in which Grantor now holds or hereafter acquires any interest (all of which shall collectively be called the "Collateral" for purposes of this Agreement):
- (a) Any and all copyrights, whether registered or unregistered, held pursuant to the laws of the United States, any State thereof or of any other country; all registrations, applications and recordings in the United States Copyright Office or in any similar office or agency of the United States, and State thereof or any other country; all continuations, renewals, or extensions thereof; and any registrations to be issued under any pending applications, including without limitation those set forth on Exhibit A attached hereto (collectively, the "Copyrights");
- (b) All letters patent of, or rights corresponding thereto in, the United States or any other country, all registrations and recordings thereof, and all applications for letters patent of, or rights corresponding thereto in, the United States or any other country, including, without limitation, registrations, recordings and applications in the United States Patent and Trademark Office or in any similar office or agency of the United States, any State thereof or any other country; all reissues, continuations, continuations-in-part or extensions thereof; all petty patents, divisionals, and patents of addition; and all patents to be issued under any such applications, including without limitation the patents and patent applications set forth on Exhibit B attached hereto (collectively, the "Patents");
- (c) All trademarks, trade names, corporate names, business names, trade styles, service marks, logos, other source or business identifiers, prints and labels on which any of the foregoing have appeared or

1

47558/0011 TAP/381217.4

appear, designs and general intangibles of like nature, now existing or hereafter adopted or acquired, all registrations and recordings thereof, and any applications in connection therewith, including, without limitation, registrations, recordings and applications in the United States Patent and Trademark Office or in any similar office or agency of the United States, any State thereof or any other country or any political subdivision thereof, and reissues, extensions or renewals thereof, and the entire goodwill of the business of Grantor connected with and symbolized by such trademarks, including without limitation those set forth on Exhibit C attached hereto (collectively, the "Trademarks");

- (d) Any and all claims for damages by way of past, present and future infringement of any of the rights included above, with the right, but not the obligation, to sue for and collect such damages for said use or infringement of the intellectual property rights identified above;
- (e) All licenses or other rights to use any of the Copyrights, Patents or Trademarks, and all license fees and royalties arising from such use to the extent permitted by such license or rights;
- (f) All amendments, renewals and extensions of any of the Copyrights, Trademarks or Patents; and
- (g) All proceeds and products of the foregoing, including without limitation all payments under insurance or any indemnity or warranty payable in respect of any of the foregoing.

Notwithstanding the foregoing the term "Collateral" shall not include: (a) "intent-to-use" trademarks at all times prior to the first use thereof, whether by the actual use thereof in commerce, the recording of a statement of use with the United States Patent and Trademark Office or otherwise, but only to the extent the granting of a security interest in such "intent to use" trademarks would be contrary to applicable law or (b) any contract, instrument or chattel paper in which Grantor has any right, title or interest if and to the extent such contract, instrument or chattel paper includes a provision containing a restriction on assignment such that the creation of a security interest in the right, title or interest of Grantor therein would be prohibited and would, in and of itself, cause or result in a default thereunder enabling another person party to such contract, instrument or chattel paper to enforce any remedy with respect thereto; provided, however, that the foregoing exclusion shall not apply if (i) such prohibition has been waived or such other person has otherwise consented to the creation hereunder of a security interest in such contract, instrument or chattel paper, or (ii) such prohibition would be rendered ineffective pursuant to Sections 9-407(a) or 9-408(a) of the UCC, as applicable and as then in effect in any relevant jurisdiction, or any other applicable law (including the Bankruptcy Code) or principles of equity); provided further that immediately upon the ineffectiveness, lapse or termination of any such provision, the term "Collateral" shall include, and Grantor shall be deemed to have granted a security interest in, all its rights, title and interests in and to such contract, instrument or chattel paper as if such provision had never been in effect; and provided further that the foregoing exclusion shall in no way be construed so as to limit, impair or otherwise affect Secured Party's unconditional continuing security interest in and to all rights, title and interests of Grantor in or to any payment obligations or other rights to receive monies due or to become due under any such contract, instrument or chattel paper and in any such monies and other proceeds of such contract, instrument or chattel paper.

- 2. <u>Covenants and Warranties</u>. Grantor represents, warrants, covenants and agrees as follows:
- (a) Grantor is now the sole owner of, or has the right to use, the Collateral, except for Permitted Liens;
- (b) During the term of this Agreement, Grantor will not transfer or otherwise encumber any interest in the Collateral, except for Permitted Liens and except as otherwise permitted in the Loan Agreement, except that the parties acknowledge and agree that ZCI is permitted to transfer ownership of the Collateral to ZIP a wholly owned subsidiary of ZCI, subject to Secured Party's first priority security interests thereon;

2

- (c) To its knowledge, each of the issued patents included in the Patents is valid and enforceable, and no part of the Collateral has been judged invalid or unenforceable, in whole or in part, and no claim has been made that any part of the Collateral violates the rights of any third party;
- (d) Grantor shall deliver to Secured Party within thirty (30) days of the last day of each fiscal quarter, a report signed by Grantor, in form reasonably acceptable to Secured Party, listing any applications or registrations that Grantor has made or filed in respect of any patents, copyrights or trademarks and the status of any outstanding applications or registrations. Grantor shall promptly advise Secured Party of any material change in the composition of the Collateral, including but not limited to any subsequent ownership right of the Grantor in or to any Trademark, Patent or Copyright not specified in this Agreement;
- (e) Grantor shall use reasonable commercial efforts to (i) protect, defend and maintain the validity and enforceability of the Trademarks, Patents and Copyrights material to Grantor's business, (ii) detect infringements of material Trademarks, Patents and Copyrights and promptly advise Secured Party in writing of material infringements detected and (iii) not allow any material Trademarks, Patents or Copyrights used or useful in Grantor's business to be abandoned, forfeited or dedicated to the public without the written consent of Secured Party, which consent shall not be unreasonably withheld, conditioned or delayed;
- registered) with the United States Patent and Trademark Office or the United States Copyright Office, as applicable: (i) those intellectual property rights listed on Exhibits A, B and C hereto within thirty (30) days of the date of this Agreement; and (ii) those additional intellectual property rights material to Grantor's business developed or acquired by Grantor from time to time in connection with any product or service, prior to the sale or licensing of such product or the rendering of such service to any third party (including without limitation revisions or additions to the intellectual property rights listed on such Exhibits A, B and C), except with respect to such rights that Grantor determines in its sole but reasonable commercial judgment need not be registered to protect its own business interests. Grantor shall, from time to time, execute and file such other instruments, and take such further actions as Secured Party may reasonably request from time to time to perfect or continue the perfection of Secured Party's interest in the Collateral. Grantor shall give Secured Party notice of all such material applications or registrations; and
- (g) Grantor shall not enter into any agreement that would materially impair or conflict with Grantor's obligations hereunder without Secured Party's prior written consent, which consent shall not be unreasonably withheld, conditioned or delayed. Grantor shall not permit the inclusion in any material contract to which it becomes a party of any provisions that would prevent the creation of a security interest in Grantor's rights and interests in any property included within the definition of the Collateral acquired under such contracts.

3. Further Assurances; Attorney in Fact.

- (a) On a continuing basis, Grantor will make, execute, acknowledge and deliver, and file and record in the proper filing and recording places in the United States, all such instruments, including appropriate financing and continuation statements and collateral agreements and filings with the United States Patent and Trademark Office and the Register of Copyrights, and take all such action as may reasonably be deemed necessary or advisable, or as reasonably requested by Secured Party, to perfect Secured Party's security interest in all Copyrights, Patents and Trademarks and otherwise to carry out the intent and purposes of this Agreement, or for assuring and confirming to Secured Party the grant or perfection of a security interest in all Collateral.
- (b) Grantor hereby irrevocably appoints Secured Party as Grantor's attorney-in-fact, with full authority in the place and stead of Grantor and in the name of Grantor, from time to time in Secured Party's reasonable discretion (i) to modify, in its sole but reasonable discretion, this Agreement without first obtaining

3

Grantor's approval of or signature to such modification by amending Exhibits A, B and C, hereof, as appropriate, to include reference to any right, title or interest in any Copyrights, Patents or Trademarks acquired by Grantor after the execution hereof or to delete any reference to any right, title or interest in any Copyrights, Patents or Trademarks in which Grantor no longer has or claims any right, title or interest, (ii) to file, in its sole discretion, one or more financing or continuation statements and amendments thereto, relative to any of the Collateral without the signature of Grantor where permitted by law, and (iii) after the occurrence and during the continuance of an Event of Default, to transfer the Collateral into the name of Secured Party or a third party to the extent permitted under the California Uniform Commercial Code.

- 4. <u>Events of Default</u>. The occurrence of any of the following shall constitute an Event of Default under this Agreement:
 - (a) An Event of Default under the Loan Agreement; or
- (b) Grantor breaches any warranty or agreement made by Grantor in this Agreement and, as to any breach that is capable of cure, Grantor fails to cure such breach within thirty (30) days of the sooner to occur of Grantor's receipt of notice of such breach from Secured Party or the date on which such breach first becomes known to Grantor.
- 5. <u>Accommodation</u>. ZIP acknowledges that this Agreement secures all Indebtedness of ZCI to Secured Party, and ZIP is executing this Agreement as an accommodation to ZCI. Therefore, ZIP agrees as follows:

ZIP waives any right to require Secured Party to first proceed against ZCI or any guarantor, or proceed against or exhaust any security held from ZCI or any third party. Secured Party may, at its election, foreclose upon any such security by judicial or nonjudicial sale, without affecting or impairing in any way any liability of ZIP hereunder except to the extent the indebtedness has been paid, and ZIP waives all rights and defenses arising out of the absence, impairment or loss of any right or remedy of ZIP against ZCI, or any such security, if resulting from any event other than election by Secured Party. Until all Indebtedness of ZCI to Secured Party shall have been paid in full, ZIP shall have no right of subrogation, and waives any right to enforce any remedy which ZIP now has or may hereafter have against ZCI and waives any benefit of, and any right to participate in any security now or hereafter held by the Secured Party. ZIP waives all presentments, demands for performance, notices of nonperformance, protests, notices of dishonor, and notices of acceptance of this Agreement and of the existence, creation, or incurring of new or additional indebtedness.

- 6. <u>Amendments</u>. This Agreement may be amended only by a written instrument signed by both parties hereto, except for amendments permitted under Section 3 hereof to be made by Secured Party alone.
- 7. Termination and Release of Security Interest. This Agreement and the Secured Party's security interest and mortgage in the Collateral shall terminate upon the payment and performance in full of the Obligations secured by this Agreement. Upon termination, the Secured Party will make, execute, acknowledge and deliver, and file and record in the proper filing and recording places, all such instruments as may reasonably be deemed necessary or advisable, or as reasonably requested by Grantor, to release the Secured Party's security interest and mortgage in all Collateral.
- 8. <u>Counterparts.</u> This Agreement may be executed in two or more counterparts, each of which shall be deemed an original but all of which together shall constitute the same instrument.
- 9. <u>Several Nature of Secured Party's Obligations and Rights; Pari Passu Security Interests.</u> This Agreement is and shall be interpreted for all purposes as separate and distinct agreements between Grantor and VLL5, on the one hand, and Grantor and VLL6, on the other hand, and nothing in this Agreement shall be deemed a joint venture, partnership or other association between VLL5 and VLL6. Each reference in this Agreement to

4

"Secured Party" shall mean and refer to each of VLL5 and VLL6, singly and independent of one another. Without limiting the generality of the foregoing, the covenants and other obligations of "Secured Party" under this Agreement are several and not joint obligations of VLL5 and VLL6, and all rights and remedies of "Secured Party" under this Agreement may be exercised by VLL5 and/or VLL6 independently of one another. The security interests granted by Grantor to each of VLL5 and VLL6 hereunder and under the Loan Agreement shall be deemed to have been granted and perfected at the same time and shall be of equal priority.

[Signature Pages Follow]

5

47558/0011 TAP/381217.4

[Signature page to Intellectual Property Security Agreement]

IN WITNESS WHEREOF, the parties hereto hav written.	re executed this Agreement on the day and year first above
	GRANTOR:
Address of Grantor:	ZEACHEM INC.
165 South Union Blvd., Suite 380 Lakewood, CO 80228 Attn:	Name: DUDREAS VICTOR

47558/0011 TAP/381217.4

PATENT

REEL: 025204 FRAME: 0870

	Its: CFO
Address of Grantor: 165 South Union Blvd., Suite 380 Lakewood, CO 80228 Attn:	Name: ANDREAS VIETOR Its: CFO
Address of Secured Party:	VENTURE LENDING & LEASING V, INC.
2010 North First Street, Suite 310 San Jose, CA 95131 Attn: Chief Financial Officer	By: Name: Its:
Address of Secured Party:	VENTURE LENDING & LEASING VI, INC.
2010 North First Street, Suite 310 San Jose, CA 95131 Attn: Chief Financial Officer	By: Name: Its:

7

47558/0011 TAP/381217.4

	Its:
Address of Grantor:	ZEACHEM INTELLECTUAL PROPERTY LLC
165 South Union Blvd., Suite 380 Lakewood, CO 80228	Ву:
Attn:	Name:
	Its:
Address of Secured Party:	VENTURE LENDING & LEASING V, INC.
2010 North First Street, Suite 310 San Jose, CA 95131 Attn: Chief Financial Officer	By: Name: David Wanek
	Its: Vice President
Address of Secured Party:	VENTURE LENDING & LEASING VI, INC.
2010 North First Street, Suite 310 San Jose, CA 95131	By:
Attn: Chief Financial Officer	Name: David Wanek
	Its: Vice President

EXHIBIT A

Copyrights

None.

8

47558/0011 TAP/381217.4

EXHIBIT B

Patents

	Z.e	aChem Active N		s Keport		
		Updated	7/27/2010	<u> </u>	T	
			Filed			Issue
Reference #	Country Name	Status	Date	Serial #	Patent #	Date
			ļ			
Process for Pro			ļ			
4232-1-PAU	AUSTRALIA	ISSUED	3/10/2000	38794/00	767876	3/11/2004
4232-1-PAU-DIV	AUSTRALIA	ISSUED	3/10/2000	2004200701	2004200701	5/31/2007
4232-1-PBR	BRAZIL	PENDING	3/10/2000	PI0010379-9		
4020 1 DON	CUDIA	Indian				11/16/200
4232-1-PCN	CHINA	ISSUED	3/10/2000	00804895.9	ZL00804895.9 ZL200510099551.	5
4232-1-PCN-DIV	CHINA	ISSUED	3/10/2000	200510099551.9	2L200510099551.	12/30/200
4232-1-PCN-DIV-HK	HONG KONG	ISSUED	9/22/2006	06110620.1	HK1090026	3/5/2010
4232-1-PEP	EUROPEAN PATENT	ISSUED	3/10/2000	00917888.0	1165820	8/20/2008
	CONVENT					
4232-1-PEP-2	EUROPEAN PATENT	PUBLISHED	3/10/2000	08164159.9		
	CONVENT					
4232-1-PEPDE	GERMANY	ISSUED	3/10/2000	00917888.0	1165820	8/20/2008
4232-1-PEPES	SPAIN	ISSUED	3/10/2000	00917888.0	1165820	8/20/2008
4232-1-PEPF1	FINLAND	ISSUED	3/10/2000	00917888.0	1165820	8/20/2008
4232-1-PEPFR	FRANCE	ISSUED	3/10/2000	00917888.0	1165820	8/20/2008
4232-1-PEPGB	UNITED KINGDOM	ISSUED	3/10/2000	00917888.0	1165820	8/20/2008
4232-1-PEPIE	IRELAND	ISSUED	3/10/2000	00917888.0	1165820	8/20/2008
4232-1-PEPSE	SWEDEN	ISSUED	3/10/2000	00917888.0	1165820	8/20/2008
4232-1-PJP	JAPAN	PENDING	3/10/2000	2000-603412	1103020	0/20/2008
4232-1-PMX	MEXICO	ISSUED	3/10/2000	2001/009153	234906	3/15/2006
4232-1-PMX-DIV	MEXICO	ISSUED	3/10/2000	PA/a/2005/012649	263064	2/3/2010
4232-1-PMX-DIV-1	MEXICO	PENDING	3/10/2000	MX/a/2008/015895	203004	2/3/2010
4232-1-PNZ	NEW ZEALAND	ISSUED	3/10/2000		614063	27000
4232-1-PPL	POLAND	ISSUED	3/10/2000	514253	514253	37900
4232-1-PPL-1	POLAND	PENDING		P 353 015	203207	3/26/2 0 09
4232-1-PUS	UNITED STATES	ISSUED	3/19/2009 12/29/2000	P 387 518 09/720,930	6,509,180	1/21/2003
4232-1-PUS-1	UNITED STATES	ISSUED	12/4/2002	10/310,552	6,927,048	8/9/2005
4232-1-PUS-2	UNITED STATES	ISSUED	6/29/2005	11/172,376	7,351,559	4/1/2008
4232-1-PUS-3	UNITED STATES	ISSUED	3/19/2008	12/051,668	7,682,812	3/23/2010
4232-1-PUS-4	UNITED STATES	PENDING	1/26/2010	12/693,533	7,002,012	3/23/2010
4232-1-F03- 4	UNITED STATES.	PENDING	1/20/2010	12/073,333		
D						
	ng Continuous Ferme					
4232-2-PROV-10	UNITED STATES	PENDING	7/31/2009	61/230,208		
Process for Pro	ducing Ethanol From	Corn Dry Milli	ng		7.074.602	7/11/2007
4232-3	UNITED STATES	ISSUED	10/9/2002	10/268,290	7,074,603	7/11/2006
4232-3-1	UNITED STATES.	ISSUED	1/24/2006	11/339,238	7,507,562	3/24/2009
4232-3-2	UNITED STATES	PENDING	11/26/2008	12/324,015		
Production of M	ethyl Acetoxypropior	nate				
4232-7-PROV-6	UNITED STATES	PENDING	12/21/2009	61/288,429		

9

47558/0011 TAP/381217.4

Recovery of O	raania Asida		 	T T			7
ixecovery of U	ryanic Acids		-			10/12/22	4
4232-8	UNITED STATES	ISSUED	1/28/2005	11/046,206	7,601,865	10/13/200	1,
4232-8-1	UNITED STATES	PENDING	8/26/2009	12/548,312	7,001,003		7
4232-8-PAU	AUSTRALIA	PENDING	1/28/2005	2005207970			1/2
4232-8-PBR	BRAZIL	PENDING	1/28/2005	PI-0506554-2			1
4232-8-PCN	CHINA	PENDING	1/28/2005	200580008137.0			1
4232-8-PEP	EUROPEAN PATENT CONVENT	PUBLISHED	1/28/2005	05712766.4			4
4232-8-PJP	JAPAN	PUBLISHED	1/28/2005	2006-551619			1
4232-8-PMX	MEXICO	PENDING	1/28/2005	PA/a/2006/008573			1
4232-8-PNO	NORWAY	PENDING	1/28/2005	20063608			1
4232-8-PNZ	NEW ZEALAND	PENDING	1/28/2005	549320			1
4232-8-PNZ-DIV1	NEW ZEALAND	PENDING	6/17/2010	596246			1
							1
Energy Efficier	nt Methods to Produce	Products					1
4232-12	UNITED STATES	PUBLISHED	2/11/2008	12/029,321			13
4232-12-PCT	WIPO	PUBLISHED	2/11/2008	PCT/US08/53611			1
4232-12-PAU	AUSTRALIA	PENDING	2/11/2008	2008212826			1
4232-12-PBR	BRAZIL	PENDING	2/11/2008	PI-0806417-2			1
4232-12-PCA	CANADA	PENDING	2/11/2008	2676982			1
4232-12-PCN	CHINA	PUBLISHED	2/11/2008	200880010574.X			1
4232-12-PEP	EUROPE	PUBLISHED	2/11/2008	08729556.4			1
4232-12-PEPHK	HONG KONG	PUBLISHED	2/11/2008	9111655.4			
4232-12-PJP	JAPAN	PUBLISHED	2/11/2008	2009-549293			
4232-12-PMX	MEXICO	PUBLISHED	2/11/2008	MX/a/2009/008496		···	1
4232-12-PNZ	NEW ZEALAND	PENDING	2/11/2008	578813			1
ndirect Produc	tion of Butanol and H	exanol			· · · · · · · · · · · · · · · · · · ·		
4232-17	UNITED STATES	PUBLISHED	2/9/2009	12/368,040			14
4232-17-PCT	WIPO	PUBLISHED	2/9/2009	PCT/US09/33561			
Dual Amine Sys	stem to Recover Organ	nic Acids					Ì
1232-18-PROV-3	UNITED STATES	PENDING	1/14/2010	61/295,079			15
Production of E	thyl Acetate from Ami	ne Compley b	v Transpet	orification		 	
232-19-PROV-3	UNITED STATES	PENDING	1/20/2010				
202 17 110 1 3	ONTEDSTATES	TENDING	1/20/2010	61/296,702			16
	of Acid:Amine Comple	9X				 	
232-20-PROV-3	UNITED STATES .	PENDING	1/20/2010	61/296,706			<u>.</u> و
		, LIVEING	1/20/2010	017290,700			17
3ipolar Electro	dialysis Recovery Prod	cess		·			
232-21-PROV-3	UNITED STATES	PENDING	1/20/2010	61/296,710			18
onic Liquid Fy	raction Recovery of O	rganic Asida					
232-22-PROV-3	UNITED STATES	PENDING	1000010	(1/20/ (02			
	OMILLOSIMIES	FENDING	1/20/2010	61/296,692		 	19
)istributed Pro-	duction Process					 	
232-23-PROV-3	UNITED STATES	DEMONIC	1000000	(100/ (2)		 	
~~~~~~ NU V~3	ONITED STATES	PENDING	1/20/2010	61/296,684		1	الو

47558/0011 TAP/381217.4

<b>High Chemica</b>	Energy Yield Method	for Direct Prod	luction of		
	Biomass Using Aceto				
4232-27-PROV-3	UNITED STATES	PENDING	8/20/2009	61/235,431	1
4232-27-PROV-4	UNITED STATES	PENDING	5/20/2010	61/346,684	2
Decompositio	n of Amine Salts of Ca	arboxvlic Acids			
4232-28	UNITED STATES	PUBLISHED	5/7/2009	12/437,445	2
4232-28-PCT	UNITED STATES	PUBLISHED	5/7/2009	PCT/US2009/04318	2

11

47558/0011 TAP/381217.4

**PATENT** 

REEL: 025204 FRAME: 0876

**EXHIBIT C** 

Trademarks

**ZEACHEM** 

U.S. Trademark Application Serial No. 77/956969

47558/0011 TAP/381217.4 12