

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
 Stylesheet Version v1.2

EPAS ID: PAT3243948

SUBMISSION TYPE:	NEW ASSIGNMENT	
NATURE OF CONVEYANCE:	ASSIGNMENT	
CONVEYING PARTY DATA		
Name		Execution Date
EASTMAN CHEMICAL COMPANY		02/18/2015
RECEIVING PARTY DATA		
Name:	RENEWABLE ALGAL ENERGY, LLC	
Street Address:	2109 WEST MARKET ST.	
Internal Address:	SUITE 159	
City:	JOHNSON CITY	
State/Country:	TENNESSEE	
Postal Code:	37604	
PROPERTY NUMBERS Total: 5		
Property Type	Number	
Patent Number:	8251228	
Patent Number:	8512998	
Patent Number:	8196750	
Application Number:	13560018	
Application Number:	13943871	
CORRESPONDENCE DATA		
Fax Number:	(304)357-0919	
<i>Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent using a fax number, if provided; if that is unsuccessful, it will be sent via US Mail.</i>		
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NAME OF SUBMITTER:	MONIKA L. JAENSSON	
SIGNATURE:	/Monika L Jaensson/	
DATE SIGNED:	02/27/2015	
Total Attachments: 5		

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PATENT ASSIGNMENT

This Patent Assignment (this "Assignment") dated February 18, 2015, is by and between Eastman Chemical Company, a Delaware corporation ("Eastman"), and Renewable Algal Energy, LLC, a Tennessee limited liability company ("RAE").

WHEREAS, by Assignment dated December 14, 2009, RAE assigned all right, title and interest in and to US Provisional Patent Application Serial No. 60/944,813, and Patent Cooperation Treaty Application Nos. PCT/US2008/007613, PCT/US2008/007708, and PCT/US2008/007644, (collectively, the "Original Applications") to Eastman and RAE, as joint owners in fee simple; and

WHEREAS, RAE and Eastman jointly filed patent applications on the Original Applications in the United States of America, Australia, Europe, Israel, Mexico and South Africa, each of which applications claimed priority to at least one of the Original Applications, some of which have issued into patents, and all of which are set forth on the Exhibit attached hereto (collectively, the "National Applications and Patents", and with the Original Applications, the "Patent Properties"); and

WHEREAS, Eastman now desires to assign all of its right, title and interest in and to the Patent Properties to RAE, and RAE desires to obtain all such rights to cause RAE to be the sole owner of the Patent Properties, and the inventions described therein as claimed in current patents identified on the Exhibit (the "Inventions"), and any future patents that may issue from the National Applications and Patents and any other applications claiming priority to any of the Patent Properties;

NOW, THEREFORE, based upon due and adequate consideration, the receipt and sufficiency of which are hereby acknowledged, Eastman does hereby sell, assign and transfer unto RAE, its successors and assigns, Eastman's entire, right, title and interest, and the right to claim priority, in and to the Patent Properties, and in and to any and all patents which have been or may hereafter be granted therefor, and in and to any and all divisions, continuations, substitutions, renewals, re-examinations, extensions and reissues thereof, and any other applications claiming priority thereto;

Further, Eastman hereby represents and warrants that it has not assigned the Patent Properties to any other person or entity.

Further, Eastman hereby covenants, agrees and undertakes to execute all applications, assignments, lawful oaths and any other papers reasonably necessary for securing to RAE or for maintaining for RAE the Patent Properties hereby assigned, all without further compensation to Eastman.

Further, RAE hereby accepts and receives this Assignment.

IN WITNESS WHEREOF, Eastman has caused this Patent Assignment to be executed by its duly authorized officer, intending to be legally bound by the terms and conditions hereof.

EASTMAN CHEMICAL COMPANY

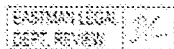
By: *Michael J. Blake*
Name: Michael J. Blake
Title: Director Patent Operations
18 Feb 2015

Witness:

State of Tennessee)
County of Sullivan) ss

On this 18 day of February, 2015, before me a Notary Public in and for the above County and State, personally appeared the above named individual, on behalf of Eastman Chemical Company, and acknowledged the execution of the foregoing assignment on behalf of the corporation.

Sharon R. Hale
Notary Public



My Commission Expires:
January 23, 2016

IN WITNESS WHEREOF, RAE has caused this Patent Assignment to be executed by its duly authorized officer, intending to be legally bound by the terms and conditions hereof.

RENEWABLE ALGAL ENERGY, LLC

By: Jeffrey S. Konel

Name: Jeffrey S. Konel

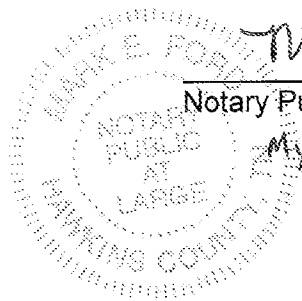
Title: President & CEO

Witness:

State of Tennessee)
County of Sullivan) ss

On this 18th day of February, 2015, before me a Notary Public in and for the above County and State, personally appeared the above named individual, on behalf of Renewable Algal Energy, LLC, and acknowledged the execution of the foregoing assignment on behalf of the company.

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Mark E. Ford
Notary Public

My Commission Expires 1-31-16

PATENT ASSIGNMENT
EASTMAN CHEMICAL COMPANY
RENEWABLE ALGAL ENERGY, LLC

EXHIBIT - NATIONAL APPLICATIONS AND PATENTS

Eastman Docket 85102 Extension	PLG Ref.	Country	Application Number	Filing/Nat'l Phase Entry Date	Patent Number	Grant Date	Title
AU01	E-616	AU	2008266868	6/18/2008	2008266868	10/17/2013	Process and Apparatus for Adsorptive Bubble Separation
AU02	E-617	AU	2008266797	6/18/2008	2008266797	3/22/2012	Process for Microalgae Conditioning and Concentration
AU03	E-618	AU	2008266813	6/18/2008	2008266813	6/25/2013	Process and Apparatus for Adsorptive Bubble Separation Using a Dense Foam
AU04 (Div. of AU01)	E-775	AU	2013206418	6/19/2013	-	-	Process and Apparatus for Adsorptive Bubble Separation
EP01	E-619	EP	08 768 604.4	6/18/2008	-	-	Process and Apparatus for Adsorptive Bubble Separation
EP02	E-620	EP	08 768 635.8	6/18/2008	-	-	Process for Microalgae Conditioning and Concentration
EP03	E-621	EP	08 768 675.4	6/18/2008	-	-	Process and Apparatus for Adsorptive Bubble Separation Using a Dense Foam
IL01	E-622	IL	202792	12/17/2009	-	-	Process and Apparatus for Adsorptive Bubble Separation
IL02	E-623	IL	202793	12/17/2009	-	-	Process for Microalgae Conditioning and Concentration
IL03	E-624	IL	202794	12/17/2009	202794	8/31/2013	Process and Apparatus for Adsorptive Bubble Separation Using a Dense Foam
MX01	E-625	MX	MX/a/2009/01402 4	12/17/2009	306572	1/9/2013	Process and Apparatus for Adsorptive Bubble Separation
MX02	E-626	MX	MX/a/2009/01402 9	12/17/2009	310440	6/12/2013	Process for Microalgae Conditioning and Concentration
MX03	E-627	MX	MX/a/2009/01414 4	12/17/2009	304416	10/19/2012	Process and Apparatus for Adsorptive Bubble Separation Using a Dense Foam
MX04 (Div. of MX01)	E-756	MX	MX/a/2012/01311 1	11/9/2012	-	-	Process and Apparatus for Adsorptive Bubble Separation
MX05 (Div. of MX02)	E-774	MX	MX/a/2013/00657 7	6/10/2013	-	-	Process for Microalgae Conditioning and Concentration

PATENT ASSIGNMENT
EASTMAN CHEMICAL COMPANY
RENEWABLE ALGAL ENERGY, LLC

EXHIBIT - NATIONAL APPLICATIONS AND PATENTS

Eastman Docket 85102 Extension	PLG Ref.	Country	Application Number	Filing/Nat'l Phase Entry Date	Patent Number	Grant Date	Title
ZA01	E-628	ZA	2009/09008	12/17/2009	2009/09008	1/26/2011	Process and Apparatus for Adsorptive Bubble Separation
ZA02	E-629	ZA	2009/09007	12/17/2009	2009/09007	9/29/2010	Process for Microalgae Conditioning and Concentration
ZA03	E-630	ZA	2009/09011	12/17/2009	2009/09011	8/25/2010	Process and Apparatus for Adsorptive Bubble Separation Using a Dense Foam
US02	E-631	US	12/665,211	12/17/2009	8,251,228	8/28/2012	Process and Apparatus for Adsorptive Bubble Separation
US03	E-632	US	12/665,218	12/17/2009	8,512,998	8/20/2013	Process for Microalgae Conditioning and Concentration
US04	E-633	US	12/665,227	12/17/2009	8,196,750	6/12/2012	Process and Apparatus for Adsorptive Bubble Separation Using a Dense Foam
US05 (Con. of US02)	E-735	US	13/560,018	7/27/2012	-	-	Process and Apparatus for Adsorptive Bubble Separation
US06 (Div. of US03)	E-778	US	13/943,871	7/17/2013	-	-	Process for Microalgae Conditioning and Concentration