05/21/2018 504922923

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT4969669

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
JACK MABERRY	05/08/2018
YIFAN LI	03/27/2018
RUPA VENUGOPAL	03/27/2018
MARK KINSEY	03/27/2018
PAUL PISTONO	03/27/2018
FATI MALEKAHMADI	03/27/2018

RECEIVING PARTY DATA

Name:	ROCKWATER ENERGY SOLUTIONS, LLC
Street Address:	515 POST OAK BLVD., SUITE 200
City:	HOUSTON
State/Country:	TEXAS
Postal Code:	77027

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	15611559

CORRESPONDENCE DATA

Fax Number: (832)830-8958

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.

Phone: 2819743458 ramos@AL-IP.com Email: ADOLPH LOCKLAR **Correspondent Name:**

Address Line 1: 4615 SOUTHWEST FREEWAY

Address Line 2: SUITE 630

Address Line 4: HOUSTON, TEXAS 77027

ATTORNEY DOCKET NUMBER:	RES.060002
NAME OF SUBMITTER:	BLANCA RAMOS
SIGNATURE:	/Michael Locklar/
DATE SIGNED:	05/21/2018

PATENT REEL: 045857 FRAME: 0753 504922923

Total Attachments: 4

source=RES060002_Assignment#page1.tif

source=RES060002_Assignment#page2.tif

source=RES060002_Assignment#page3.tif

source=RES060002_Assignment#page4.tif

PATENT REEL: 045857 FRAME: 0754

PATENT ASSIGNMENT

In consideration of one dollar and other good consideration, each of the undersigned (each an "Assignor") assigns, transfers, and sets over to:

ROCKWATER ENERGY SOLUTIONS, LLC

a Limited Liability Company of Delaware having the following address:

515 Post Oak Blvd., Suite 200 Houston, TX 77027

("Assignee"), Assignee's successors, and assigns, the entire right, title, and interest, worldwide, in and to:

1. all inventions (the "Inventions") claimed or that could be claimed in the following patent application (the "Application"):

POLYMER WITH INTERNAL CROSSLINKING AND BREAKING MECHANISMS U.S. Application No. 15/611,559, filed June 1, 2017

- 2. the Application, and all present and future patent applications in any country claiming priority thereto, and all divisions, continuations, continuations-in-part, reissues, reexaminations, and extensions, and all patents (domestic and foreign) that may be granted therefor (collectively, the "World-Wide Patents and Patent Applications");
- 3. all patent rights relating to the Inventions, the Application, and the World-Wide Patents and Patent Applications;
- 4. all right to sue for past and future infringement of any of the World-Wide Patents and Patent Applications.

Each Assignor shall, from time to time, execute and deliver all agreements and other documents reasonably necessary to give effect to this assignment.

This Patent Assignment is binding on each Assignor and each Assignor's successors, heirs and assigns for the benefit of Assignee and Assignee's successors and assigns.

Page 1 of 4

Date:	5/8/2018	Jack MABERRY
Assig	On <u>May 5th</u> , 20/4, nment.	Jack MABERRY acknowledged this Patent
	JESSICA BALLARO Notery Public, State of Texas Policy Public State of Texas Notery ID 131147159	Notary Stamp and Signature Notary Public for the State of
Date:	3/27/18	Yifan LI
	On March 17, 200, Yifar ALUSON K. WRIGHT Notary Public, State of Texas My Commission Expires November 15, 2019	Notary Public for the State of Texas My Commission Expires: Workbur 5, 2019

Date: 03 27 2018	Rupa VENUGOPAL
On <u>Marth 17</u> , 20 <u>18</u> , R Assignment.	upa VENUGOPAL acknowledged this Patent
ALLISON K. WRIGHT Notary Public. State of Texas My Commission Expires November 15, 2019	Notary Stamp and Signature Notary Public for the State of Texas My Commission Expires: Namber 15, 2019
Date: 1016 27, 2018	Mark KINSEY
On <u>March 27</u> , 20 <u>18</u> , Mark	KINSEY acknowledged this Patent Assignment.
ALLISON K. WRIGHT Notary Public, State of Texas My Commission Expires November 15, 2019	Notary Stamp and Signature Notary Public for the State of Texas My Commission Expires: Notary Public State of 19

Date: 3/27 /2018	
	Paul PISTONO
On <u>March 27</u> , 20 <u>18</u> , Pa	aul PISTONO acknowledged this Patent Assignment.
ALLISON K. WRIGHT Notary Public. State of Texas My Commission Expires November 15, 2019	My Commission Expires: November 15, 2019
Date: <u>03/27/201</u>	Hall Constitution of the C
On <u>Mardy 27</u> , 20 <u>18,</u> Assignment.	Fati MALEKAHMADI acknowledged this Patent
ALLISON K. WRIGHT Notary Public, State of Texas My Commission Expires November 15, 2019	Much Might Notary Stamp and Signature Notary Public for the State of Texas My Commission Expires: November 15, 2019

Page 4 of 4