PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
WEIBIN JIANG	07/23/2012
BRUCE E. MCCOMISH	07/23/2012
BRYAN C. BORUM	07/23/2012
BENJAMIN H. CARRYER	07/23/2012
MARK D. IBSEN	07/23/2012
MARK ROBERTSON	07/23/2012
ERIC R. ELROD	08/01/2012
SIM WEEKS	07/25/2012
HAROLD A. WRIGHT	07/24/2012

RECEIVING PARTY DATA

Name:	RENTECH, INC.
Street Address:	10877 Wilshire Blvd., Suite 600
City:	Los Angeles
State/Country:	CALIFORNIA
Postal Code:	90024

PROPERTY NUMBERS Total: 1

Property Type	Number	
Application Number:	13555761	

CORRESPONDENCE DATA

Fax Number: (713)226-6215

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: 7132266000

Email: patmail@porterhedges.com TIMOTHY S. WESTBY Correspondent Name:

Address Line 1: P.O. BOX 4078

Address Line 2: PORTER HEDGES, LLP Address Line 4: HOUSTON, TEXAS 77521

ATTORNEY DOCKET NUMBER: 011774-2929 TIMOTHY S. WESTBY NAME OF SUBMITTER:

PAIENI REEL: 035619 FRAME: 0037 503302989

/Timothy S. Westby/		
05/12/2015		
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PATENT REEL: 035619 FRAME: 0038

ASSIGNMENT

IN CONSIDERATION OF TEN DOLLARS (\$10.00) cash in hand paid to us by RENTECH, INC., and other valuable consideration, the receipt and sufficiency of which are hereby acknowledged, we, Weibin JIANG; Bruce E. McCOMISH; Bryan C. BORUM; Benjamin H. CARRYER; Mark D. IBSEN; Mark ROBERTSON; Eric R. ELROD; Sim WEEKS; Harold A. WRIGHT, ("ASSIGNORS"), having made an invention in "GASIFICATION SYSTEM AND METHOD", do hereby ASSIGN, SELL and CONVEY to said RENTECH, INC., a corporation having a business address of 10877 Wilshire Blvd., Suite 600, Los Angeles, California 90024 ("ASSIGNEE"), its successors and assigns, the entire right, title and interest throughout the world in and to:

- 1. Said invention in "GASIFICATION SYSTEM AND METHOD";
- 2. United States of America patent application Serial No. 61/512,365, filed July 27, 2011, entitled "GASIFICATION SYSTEM AND METHOD";
- 3. All applications for patent or like protection on said invention that have now been or may in the future be made by us or our legal representatives, including any continuation, continuation-in-part and any other utility applications that may be based on this invention, whether in the United States of America or any other place anywhere in the world;
- 4. All patents and like protection that have now been or may in the future be granted on said invention to us or our legal representatives, whether in the United States of America or in any other country or place anywhere in the world;
- 5. All substitutions for and divisions, continuations, continuations-in-part, renewals, reissues, extensions, and the like of said applications and patents and like grants, including without limitation, those obtained or permissible under past, present and future laws and statutes;
- 6. All rights of action on account of past, present and future unauthorized use of said invention and for infringement of said patents and like protection;
- 7. The right in ASSIGNEE to file in its name applications for patents and like protection for said invention in any country or countries foreign to the United States; and

8. All international rights of priority associated with said invention, applications, patents, and like protection;

and we covenant that we, and our heirs, legal representatives, assigns, administrators, and executors, will, at the expense of ASSIGNEE, its successors and assigns, execute all papers and perform such other acts as may be reasonably necessary to give ASSIGNEE, its successors and assigns, the full benefit of this Assignment.

EXECUTED on the date indicated below, opposite our signatures.

ASSIGNOR

Date: 7/23/2012		1772	~	
THE STATE OF COLONADO		Weibin Jiang		
COUNTY OF Olams	\$ \$ \$			

BEFORE ME, the undersigned authority, on this day personally appeared Weibin Jiang, known to me to be the person whose name is subscribed to the foregoing instrument, and acknowledged to me that he executed the same for the purposes and consideration therein expressed.

GIVEN UNDER MY HAND AND SEAL OF OFFICE, this the 23rd day of pulm. 2012.

DEBRA L. KNUDSEN Notary Public in and for the State of Colorado the State of Colorado

My Commission Expires:

61/512,365

27-Jul-2011

Gasification System and Method

ASSIGNOR

Date: July 23 2012	Bruce & The Coments
THE STATE OF Coloralo §	Bruce E. McComish
COUNTY OF Denver \$	

BEFORE ME, the undersigned authority, on this day personally appeared Bruce E. McComish, known to me to be the person whose name is subscribed to the foregoing instrument, and acknowledged to me that he executed the same for the purposes and consideration therein expressed.

GIVEN UNDER MY HAN	D AND SEAL OF OFFICE, this the 23 ² day	of
, 2012.	1 Michelleclalaty	
[\$ E A L]	Notary Public in and for the State of	
My Commission Expires:	MOTARL Z	

	Commission Expires 14.8 Co.	

61/512,365 27-Jul-2011 Gasification System and Method

ASSIGNOR

Date: July 23rd, 2012		Bryan C. Borum	
THE STATE OF <u>Colorado</u>	§		
COUNTY OF De ove c	8 8		

BEFORE ME, the undersigned authority, on this day personally appeared Bryan C. Borum, known to me to be the person whose name is subscribed to the foregoing instrument, and acknowledged to me that he executed the same for the purposes and consideration therein expressed.

GIVEN UNDER MY HAN	ND AND SEAL OF OFFIC	E, this the <u>232l</u> day of
July , 2012.		, , , , ,
[SEAL]	Notary Pi the State	haller lalaty ublic in and for of Okorado
My Commission Expires: $\frac{11-(8-13)}{2}$	********	HOTARY PUBLIC OF COLOR
		mnission Expires

61/512,365 27-Jul-2011 Gasification System and Method

٨	CC.	IGNOR
А	. 7. 7.	RINUK

Date: $7/23/12$	Benjamin H. Carryer
THE STATE OF <u>ILLINOIS</u> §	
COUNTY OF JO DAULESS §	

BEFORE ME, the undersigned authority, on this day personally appeared Benjamin H. Carryer, known to me to be the person whose name is subscribed to the foregoing instrument, and acknowledged to me that he executed the same for the purposes and consideration therein expressed.

GIVEN UNDER MY HAND AN	D SEAL OF OFFICE, this the day of
, 2012. OFFICIAL SEAL JON D. DAVIS Notary Public - State of Illinois My Commission Expires May 18, 2014	Notary Public in and for the State of
My Commission Expires:	

MAY 13, 2014

ASSIGNOR

Date: 7-23-12

Mark D. Ibsen

THE STATE OF LOLD

COUNTY OF Warms

BEFORE ME, the undersigned authority, on this day personally appeared Mark D. Ibsen, known to me to be the person whose name is subscribed to the foregoing instrument, and acknowledged to me that he executed the same for the purposes and consideration therein expressed.

GIVEN UNDER MY HAND AND SEAL OF OFFICE, this the

day o

July, 2012.

[SEAL]

DESCRIPTIONSEN

AN OFFICE STATE

State of Colorado

Notary Public in and for the State of

My Commission Expires:

aug. 6, 2015

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61/512,365 27-Jul-2011 Gasification System and Method

ASSIGNOR

Date: 7/23/12		mak Relat	
		Mark Robertson	
THE STATE OF Colora On	§		
COUNTY OF Orams	§ §		

BEFORE ME, the undersigned authority, on this day personally appeared Mark Robertson, known to me to be the person whose name is subscribed to the foregoing instrument, and acknowledged to me that he executed the same for the purposes and consideration therein expressed.

GIVEN UNDER MY HAND AND S	SEAL OF OFFICE, this the <u>23rd</u> day of
DEBRA L. KNUDSEN Notary Public State of Colorado	Notary Public in and for the State of Obrado

My Commission Expires:

61/512,365 27-Jul-2011 Gasification System and Method

ASSIGNOR

Date: Aug 1, 7017 Eric R. Errod

THE STATE OF Colorado \$

COUNTY OF Quand \$

BEFORE ME, the undersigned authority, on this day personally appeared Eric R. Elrod, known to me to be the person whose name is subscribed to the foregoing instrument, and acknowledged to me that he executed the same for the purposes and consideration therein expressed.

GIVE	N UNDER MY HAND AND	SEAL OF OFFICE, th	is the	day of
Aug	<u>sat</u> , 2012.			
[SEAL]	DEBRA L. KNUDSEN Notary Public State of Colorado	Notary Public the State of	in and for Color Co	<u>San</u>
My Commiss	ion Expires:			

Mg. 6,2015

ASSIGNOR

Date: 7/25/2012	Lim Weeks
THE STATE OF Google § COUNTY OF JWINNETT §	
COUNTY OF Juinnett §	
U BEFORE ME, the undersigned authority	, on this day personally appeared Sim Weeks,
known to me to be the person whose name is	s subscribed to the foregoing instrument, and
acknowledged to me that he executed the san	ne for the purposes and consideration therein
expressed.	
GIVEN UNDER MY HAND AND SEAI	L OF OFFICE, this the 25 th day of

2012.

PATRICIA KNORTZ

Notary Public

Gwinnett County, Georgia

[SEAL] Gwinnett County, Georgia My Comm. Expires May 81, 2816

Notary Public in and for

the State of Georgia

My Commission Expires:

MAY 31,2016

ASSIGNOR

Date:

COUNTY OF

State of Colorado

BEFORE ME, the undersigned authority, on this day personally appeared Harold A. Wright, known to me to be the person whose name is subscribed to the foregoing instrument, and acknowledged to me that he executed the same for the purposes and consideration therein expressed.

GIVEN UNDER MY HAND AND SEAL OF OFFICE, this the day of DEBRA L. KNUDSEN Notary Public

Notary Public imand for

the State of

My Commission Expires:

[SEAL]

61/512,365 27-Jul-2011

ASSIGNMENT

PATENT REEL: 035619 FRAME: 0048

RECORDED: 05/12/2015