

## PATENT ASSIGNMENT

Electronic Version v1.1

Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT								
NATURE OF CONVEYANCE:	ASSIGNMENT								
CONVEYING PARTY DATA									
<table border="1"> <thead> <tr> <th>Name</th> <th>Execution Date</th> </tr> </thead> <tbody> <tr> <td>Daren E. Daugaard</td> <td>08/31/2013</td> </tr> <tr> <td>Samuel T. Jones</td> <td>09/04/2013</td> </tr> <tr> <td>Johnathan T. Gorke</td> <td>09/03/2013</td> </tr> </tbody> </table>		Name	Execution Date	Daren E. Daugaard	08/31/2013	Samuel T. Jones	09/04/2013	Johnathan T. Gorke	09/03/2013
Name	Execution Date								
Daren E. Daugaard	08/31/2013								
Samuel T. Jones	09/04/2013								
Johnathan T. Gorke	09/03/2013								
RECEIVING PARTY DATA									
Name:	Phillips 66 Company								
Street Address:	P. O. Box 4428								
Internal Address:	Intellectual Property - Legal								
City:	Houston								
State/Country:	TEXAS								
Postal Code:	77210								
PROPERTY NUMBERS Total: 1									
<table border="1"> <thead> <tr> <th>Property Type</th> <th>Number</th> </tr> </thead> <tbody> <tr> <td>Application Number:</td> <td>14021389</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	14021389				
Property Type	Number								
Application Number:	14021389								
CORRESPONDENCE DATA									
Fax Number:									
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>									
Phone:	832-765-1248								
Email:	rsclegalpsxip@p66.com								
Correspondent Name:	Phillips 66 Company								
Address Line 1:	P. O. Box 4428								
Address Line 2:	Intellectual Property - Legal								
Address Line 4:	Houston, TEXAS 77210								
ATTORNEY DOCKET NUMBER:	41802US								
NAME OF SUBMITTER:	Kyle W. Sherrill								
Signature:	/kyle w. sherrill/								

PATENT

Date:	09/09/2013
	This document serves as an Oath/Declaration (37 CFR 1.63).
<p><b>Total Attachments: 6</b> source=41802US_Declarations_090913#page1.tif source=41802US_Declarations_090913#page2.tif source=41802US_Declarations_090913#page3.tif source=41802US_Declarations_090913#page4.tif source=41802US_Declarations_090913#page5.tif source=41802US_Declarations_090913#page6.tif</p>	

**Declaration (37 CFR 1.63) for Utility Patent Application  
and Assignment of Rights, Title and Interest in Invention**

**Docket No.:**  
**41802US**

I Daren E. Daugaard, (inventor) declare that this declaration is directed to:

- United States Provisional Patent Application Serial No. 61/699,036 filed 09/10/2012*  
 *This declaration is directed to the United States Application submitted herewith  
United States Utility Patent Application Serial No. \_\_\_\_\_ filed \_\_\_\_\_*  
 *This declaration is directed to the international application of which it forms a part  
International (PCT) Patent Application Serial No. \_\_\_\_\_ filed \_\_\_\_\_  
Prior Foreign Application No.: \_\_\_\_\_, Country \_\_\_\_\_, filed \_\_\_\_\_  
Other (specify) \_\_\_\_\_*  
 *The attached application* *Docket No.: 41802US*  
*Direct all correspondence to the address associated with Customer No.: 105261*

**Title of the Invention**

INCREASING STABILITY OF A PYROLYSIS PRODUCT

The above-identified application was made or authorized to be made by me.

I believe that I am the original and first inventor or an original and first joint inventor of a claimed invention in the application.

I have reviewed and understand the contents of the above-identified application, including the claims, as amended by any amendment specifically referred to above.

I hereby declare that my residence, mailing address, and citizenship are as stated next to my name.

I acknowledge the duty to disclose to the United States Patent and Trademark Office all information known to me to be material to patentability as defined in 37 CFR 1.56, including for continuation-in-part applications, material information that became available between the filing date of the prior application date and any subsequent application.

I hereby state that I have reviewed and understand the contents of the above-identified application, including the claims of said application. I have reviewed any claim to priority, and I have identified above any prior application number with day, month and year of filing, including any PCT international application designating at least one country other than the United States of America.

WHEREAS, Phillips 66 Company (hereinafter referred to as "ASSIGNEE") having a place of business at: 3010 Briarpark Drive, Houston, Texas 77042 USA, is desirous of acquiring the entire right, title and interest in and to said invention and in and to any Letters Patent that may be granted therefore in the United States and its territorial possessions and in any and all foreign countries;

Now, this indenture witnessed, that for good and valuable consideration, the receipt whereof is hereby acknowledged: I, by these presents do sell, assign and transfer unto said ASSIGNEE, the full and exclusive right to said invention in the United States and its territorial possessions and in all foreign countries (including the right to claim priority under the terms of the International Convention and other relevant International Treaties and Arrangements from the aforesaid application) and the entire right, title and interest in and to any and all Letters Patent which may be granted therefor in the United States and its territorial possessions and in any and all foreign countries and in and to any and all divisional, continuation, substitute, renewal and reissue applications thereof.

I hereby authorize and request the Patent Office Officials in the United States and its territorial possessions and any and all foreign countries to issue any and all of said Letters Patent, when granted, to said ASSIGNEE as the assignee of my entire right, title and interest in and to the same, for the sole use and benefit of said ASSIGNEE, its successors and assign, to the full end of the term for which said Letters Patent may be granted, as fully and entirely as the same would have been held by me had this Assignment and sale not been made.

<b>Declaration (37 CFR 1.63) for Utility Patent Application and Assignment of Rights, Title and Interest in Invention</b>	<b>Docket No.:</b> 41802US
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Further, I agree that I will communicate to said ASSIGNEE or its representatives any facts known to me respecting said invention, and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuation, substitute, renewal and reissue applications, execute all necessary assignment papers to cause any and all of said Letters Patent to be issued to said ASSIGNEE, make all rightful oaths, and, generally do anything possible to aid said ASSIGNEE, its successors and assigns, to obtain and enforce proper protection for said invention in the United States and its territorial possessions and in any and all foreign countries.

I declare under penalty of perjury under the laws of the United States of America that the foregoing is true and correct and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment of not more than five (5) years, or both, under 18 U.S.C. 1001 and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

**Assignor**

Inventor: Daren E. Daugaard Residence: \_\_\_\_\_  
 Signature: [Signature] Citizenship: USA Date: 8/31/2013

**Notarization**

Executed this 31st day of Aug in the year 2013  
 At Camarillo (city) California (State)  
 State of California  
 County of Ventura

Before me personally appeared: Daren E Daugaard  
 who acknowledged the foregoing instrument to be a free act and deed and also represented that he ~~or she~~ is authorized to execute the same this 31st day of Aug in the year 2013

[Signature]  
 (Notary Public)

[SEAL]



My Commission Expires: \_\_\_\_\_

**Assignee**

Phillips 66 Company hereby accepts assignment of the above referenced patent application.

Name: Phillips 66 Company Mailing Address: \_\_\_\_\_

Patent [Attorney/Agent] and Attorney-in-Fact Registration No. \_\_\_\_\_ P.O. Box 4428  
 Phillips 66 Company Houston, Texas 77210  
 United States of America

**Declaration (37 CFR 1.63) for Utility Patent Application  
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**Docket No.:**  
**41802US**

I Samuel T. Jones, (inventor) declare that this declaration is directed to:

- United States Provisional Patent Application Serial No. 61/699,036 filed 09/10/2012*  
 *This declaration is directed to the United States Application submitted herewith*  
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Now, this indenture witnessed, that for good and valuable consideration, the receipt whereof is hereby acknowledged: I, by these presents do sell, assign and transfer unto said ASSIGNEE, the full and exclusive right to said invention in the United States and its territorial possessions and in all foreign countries (including the right to claim priority under the terms of the International Convention and other relevant International Treaties and Arrangements from the aforesaid application) and the entire right, title and interest in and to any and all Letters Patent which may be granted therefor in the United States and its territorial possessions and in any and all foreign countries and in and to any and all divisional, continuation, substitute, renewal and reissue applications thereof.

I hereby authorize and request the Patent Office Officials in the United States and its territorial possessions and any and all foreign countries to issue any and all of said Letters Patent, when granted, to said ASSIGNEE as the assignee of my entire right, title and interest in and to the same, for the sole use and benefit of said ASSIGNEE, its successors and assign, to the full end of the term for which said Letters Patent may be granted, as fully and entirely as the same would have been held by me had this Assignment and sale not been made.

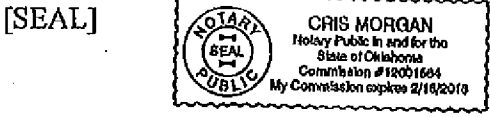
Further, I agree that I will communicate to said ASSIGNEE or its representatives any facts known to me respecting said invention, and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuation, substitute, renewal and reissue applications, execute all necessary assignment papers to cause any and all of said Letters Patent to be issued to said ASSIGNEE, make all rightful oaths, and, generally do anything possible to aid said ASSIGNEE, its successors and assigns, to obtain and enforce proper protection for said invention in the United States and its territorial possessions and in any and all foreign countries.

I declare under penalty of perjury under the laws of the United States of America that the foregoing is true and correct and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment of not more than five (5) years, or both, under 18 U.S.C. 1001 and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

**Assignor**  
 Inventor: Samuel T. Jones Residence: 396491 W 1300 Rd, Dewey, OK 74621  
 Signature: *Samuel T. Jones* Citizenship: US Date: 9-4-13

**Notarization**  
 Executed this 4 day of September in the year 2013  
 At Bethesville (city) Oklahoma (State)  
 State of Oklahoma  
 County of Washington  
 Before me personally appeared: Samuel T. Jones  
 who acknowledged the foregoing instrument to be a free act and deed and also represented that he or she is authorized to execute the same this 4 day of September in the year 2013

*Cris Morgan*  
 (Notary Public)



My Commission Expires:  
2/18/2018

**Assignee**  
 Phillips 66 Company hereby accepts assignment of the above referenced patent application.  
 Name: Phillips 66 Company Mailing Address:

Patent [Attorney/Agent] and Attorney-in-Fact Registration No. Phillips 66 Company	P.O. Box 4428 Houston, Texas 77210 United States of America
---	---

**Declaration (37 CFR 1.63) for Utility Patent Application  
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**Docket No.:**  
**41802US**

I Johnathan T. Gorke, (inventor) declare that this declaration is directed to:

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 *This declaration is directed to the United States Application submitted herewith*  
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**Assignor**

Inventor: Jonathan T. Gorke Residence: 9730 N SOUTH EAST AVE CHICAGO, ILL 60655  
Signature: [Signature] Citizenship: USA Date: 9/3/2013

**Notarization**

Executed this 3 day of September in the year 2013  
At Sheraton Chicago Hotel & Towers (city) Chicago, IL (State)  
State of Illinois  
County of Cook

Before me personally appeared: Jonathan Thomas Gorke  
who acknowledged the foregoing instrument to be a free act and deed and also represented that he or she is authorized to execute the same this 3rd day of September in the year 2013

Mechelle D. Rollins  
(Notary Public)

[SEAL]



My Commission Expires:

5/23/14

**Assignee**

Phillips 66 Company hereby accepts assignment of the above referenced patent application.

Name: Phillips 66 Company

Mailing Address:

Patent [Attorney/Agent] and Attorney-in-Fact  
Registration No.  
Phillips 66 Company

P.O. Box 4428  
Houston, Texas 77210  
United States of America