

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>Sandipan Kumar Das</td> <td>08/31/2013</td> </tr> <tr> <td>Steven Alan Treese</td> <td>09/24/2013</td> </tr> </tbody> </table>		Name	Execution Date	Sandipan Kumar Das	08/31/2013	Steven Alan Treese	09/24/2013						
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RECEIVING PARTY DATA													
<table border="1"> <tr> <td>Name:</td> <td>Phillips 66 Company</td> </tr> <tr> <td>Street Address:</td> <td>P. O. Box 4428</td> </tr> <tr> <td>Internal Address:</td> <td>Intellectual Property - Legal</td> </tr> <tr> <td>City:</td> <td>Houston</td> </tr> <tr> <td>State/Country:</td> <td>TEXAS</td> </tr> <tr> <td>Postal Code:</td> <td>77210</td> </tr> </table>		Name:	Phillips 66 Company	Street Address:	P. O. Box 4428	Internal Address:	Intellectual Property - Legal	City:	Houston	State/Country:	TEXAS	Postal Code:	77210
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PROPERTY NUMBERS Total: 1													
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CORRESPONDENCE DATA													
<p>Fax Number: <i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i></p> <p>Phone: 832-765-1248 Email: rsclegalpsxp@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</p>													
ATTORNEY DOCKET NUMBER:	42148US1												
NAME OF SUBMITTER:	Mark D. Ferrari												
Signature:	/mark d. ferrari/												

Date:	10/01/2013
	This document serves as an Oath/Declaration (37 CFR 1.63).
<p>Total Attachments: 4 source=42148US1_Declarations_100113#page1.tif source=42148US1_Declarations_100113#page2.tif source=42148US1_Declarations_100113#page3.tif source=42148US1_Declarations_100113#page4.tif</p>	

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

Docket No.:
42148US1

I Sandipan Kumar Das (inventor) declare that this declaration is directed to:

<input checked="" type="checkbox"/>	United States Provisional Patent Application Serial No. <u>61/692,805</u> filed <u>08/24/2012</u>
<input checked="" type="checkbox"/>	United States Non-Provisional Patent Application submitted herewith, Docket No.: <u>42148US1</u>
<input type="checkbox"/>	United States Non-Provisional Patent Application Serial No. _____ filed _____
<input type="checkbox"/>	International (PCT) Patent Application Serial No. _____ filed _____
<input type="checkbox"/>	Prior Foreign Application No.: _____, Country _____, filed _____
<input type="checkbox"/>	Other (specify) _____

Direct all correspondence to the address associated with Customer No.: 105261

Title of the Invention

INJECTOR NOZZLE QUENCHING PROCESS WITHIN PIPING SYSTEMS

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.

Declaration (37 CFR 1.63) for Utility Patent Application and Assignment of Rights, Title and Interest in Invention	Docket No.: 42148US1
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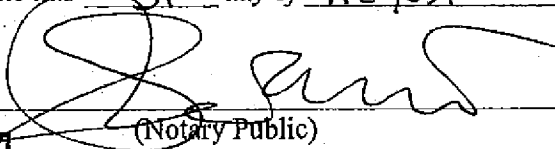
Further, I agree that I will communicate to said ASSIGNEE or its representatives any facts known to me respecting said Invention, and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuation, substitute, renewal and reissue applications, execute all necessary assignment 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: Sandipan Kumar Das Residence: 6924 FAIRPAX DRIVE, UNIT 126, ARLINGTON, VA 22213
 Signature: Sandipan Kumar Das. Citizenship: INDIA Date: 31 August 2013

Notarization
 Executed this 31st day of August in the year 2013
 At Falls Church (city) Virginia (State)
 State of Virginia
 County of Arlington

Before me personally appeared: Sandipan Kumar Das
 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 August in the year 2013


 (Notary Public)

[SEAL] **SAMUEL ZERAI**
 NOTARY PUBLIC
 COMMONWEALTH OF VIRGINIA
 MY COMMISSION EXPIRES FEB. 28, 2015
 COMMISSION # 7508412

My Commission Expires:
2/28/2015

Assignee
 Phillips 66 Company hereby accepts assignment of the above referenced patent application.
 Name: Phillips 66 Company Mailing Address:
Mark D. Ferrari P.O. Box 4428
 Patent Attorney and Attorney-in-Fact Houston, Texas 77210
 Registration No. 66420 United States of America
 Phillips 66 Company

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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: Steven Alan Treese Residence: 3331 BEND WILLOW LN, KATY, TX 77450
 Signature: [Handwritten Signature] Citizenship: USA Date: 9/24/2013

Notarization
 Executed this 24th day of September in the year 2013
 At Houston (city) Texas (State)
 State of Texas
 County of Harris
 Before me personally appeared: Steven Alan Treese
 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 24th day of September in the year 2013

Valescia A. Mansfield
 (Notary Public)



My Commission Expires:
9-27-2014

Assignee
 Phillips 66 Company hereby accepts assignment of the above referenced patent application.
 Name: Phillips 66 Company Mailing Address:
Mark D. Ferrari P.O. Box 4428
 Patent Attorney and Attorney-in-Fact Houston, Texas 77210
 Registration No. 66420 United States of America
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