

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
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JINZHOU ZHAO	01/20/2020
LAN REN	01/20/2020
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PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	16752651
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SIGNATURE:	/Ding Yu Tan/
DATE SIGNED:	01/26/2020
Total Attachments: 3	
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PATENT

REEL: 051621 FRAME: 0681

**Declaration (37 CFR 1.63) for Utility or Design Application Using An
Application Data Sheet (37 CFR 1.76) and
Assignment For Single Assignee**

The title of the invention is as follow:

AUTOMATIC DIAGNOSIS METHOD FOR WELLHEAD PRESSURE CURVE OF
HYDRAULIC FRACTURING IN SHALE GAS HORIZONTAL WELL

As a below named inventor, I hereby declare that this declaration is directed to the application of which is attached hereto unless the following box is checked:

☐ was filed on _____ as United States Application Number or PCT International Application Number _____

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

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

WHEREAS, SOUTHWEST PETROLEUM UNIVERSITY (hereinafter referred to "Assignee") whose mailing address is NO. 8 XINDU AVENUE, XINDU DISTRICT, CHENGDU CITY, SICHUAN PROVINCE, CHINA is desirous of acquiring the entire right, title and interest in and to said invention and in and to any Patent that may be granted therefore in the United States and its territorial possessions and in any and all foreign countries;

Now, therefore, in consideration of the sum of One dollars (\$ 1.00), the receipt whereof is acknowledged, and for other good and valuable consideration, I, by these presents hereby do sell, assign and transfer unto said Assignee the entire right, title, and interest in and to any and all improvements which are disclosed in said invention and, in and to, all 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 continuations, continuation-in-part, divisions, renewals, substitutions, or extensions thereof, and as to Patent any reissue or re-examination 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 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 behoof of said Assignee, its (his) successors and assigns, to the full end of the term for which said 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 (his) 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 Patent to be issued to said Assignee, make all rightful oaths, and, generally do everything possible to aid said Assignee, its (his) 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 hereby acknowledge that any willful false statement made in this declaration is punishable under 18 U.S.C. 1001 by fine or imprisonment of not more than five (5) years, or both.

Direct all Correspondence to:

The Address Associated with Customer Number 66749

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