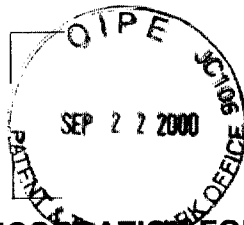


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Conveying Party(ies)

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Execution Date  
Month Day Year

Name (line 1) William Banning Vail III

09-22-2000

Name (line 2)

Second Party

Name (line 1)

Name (line 2)

Receiving Party

☐ Mark if additional names of receiving parties attached

Name (line 1) Smart Drilling and Completion, Inc.

☐ If document to be recorded is an assignment and the receiving party is not domiciled in the United States, an appointment of a domestic representative is attached. (Designation must be a separate document from Assignment.)

Name (line 2)

Address (line 1) 3123-198th Place SE

Address (line 2)

Address (line 3) Bothell WA 98012  
City State/Country Zip Code

Domestic Representative Name and Address

Enter for the first Receiving Party only.

Name

Address (line 1)

Address (line 2)

Address (line 3)

Address (line 4)

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S/N 09/294, 077

PATENT  
REEL: 011112 FRAME: 0211

**Correspondent Name and Address**

Area Code and Telephone Number 425-486-8789

Name William Banning Vail III

Address (line 1) Smart Drilling and Completion, Inc.

Address (line 2) 3123 - 198<sup>th</sup> Place SE

Address (line 3) Bothell, WA 98012

Address (line 4)

**Pages**

Enter the total number of pages of the attached conveyance document including any attachments.

#

**Application Number(s) or Patent Number(s)**

☐ Mark if additional numbers attached

Enter either the Patent Application Number or the Patent Number (DO NOT ENTER BOTH numbers for the same property).

**Patent Application Number(s)**

**Patent Number(s)**

09/294,077

If this document is being filed together with a new Patent Application, enter the date the patent application was signed by the first named executing inventor.

Month Day Year

**Patent Cooperation Treaty (PCT)**

Enter PCT application number

only if a U.S. Application Number has not been assigned.

PCT  PCT  PCT

PCT  PCT  PCT

**Number of Properties**

Enter the total number of properties involved.

# 1

**Fee Amount**

Fee Amount for Properties Listed (37 CFR 3.41): \$

40<sup>00</sup>xx

Method of Payment:  
Deposit Account

Enclosed ☒

Deposit Account ☐

(Enter for payment by deposit account or if additional fees can be charged to the account.)

Deposit Account Number:

# 500499

Authorization to charge additional fees:

Yes ☒ No ☐

**Statement and Signature**

To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document. Charges to deposit account are authorized, as indicated herein.

William Banning Vail III  
Name of Person Signing

William Banning Vail III  
Signature

9/22/2000  
Date

SN 09/294,077

# ASSIGNMENT

WHEREAS, I, William Banning Vail III of 3123 - 198th Place SE, Bothell, WA 98012, have invented a certain new and useful invention entitled "One Pass Drilling and Completion of Wellbores with Drill Bit Attached to Drill String to Make Cased Wellbores to Produce Hydrocarbons" for which an application for Letters Patent of the United States has been filed on April 18, 1999, said application being identified as Serial No. 09/294,077;

NOW THEREFORE, be it known that I, the said inventor, for and in consideration of certain good and valuable consideration, the sufficiency and receipt of which is hereby acknowledged, at the request of the assignee do sell, assign and transfer unto said assignee, Smart Drilling and Completion, Inc., a Washington corporation having a place of business at 3123 - 198th Place S.E., Bothell, WA 98012, its successors, legal representatives and assigns, the aforesaid application for the territory of the United States of America and all continuation, divisional, continuation-in-part and reissue applications, all patent applications in foreign countries, all applications pursuant to the Patent Cooperation Treaty and all applications for extension filed or to be filed for the invention, and all Letters Patent, Invention Registrations, Utility Models, Extensions or Reissues and other patent rights, obtained for the invention in the United States or any other country; I also assign any right, title or interest in and to the said invention which has not already been transferred to the assignee, I warrant that I have made no assignment of the invention, application or patent therefore to a party other than Smart Drilling and Completion, Inc. and I am under no obligation to make any assignment of the invention, application, or patent therefore to any other party other than a successor of Smart Drilling and Completion, Inc.; and I further agree to cooperate with the assignee hereunder in the obtaining and sustaining of any and all such Letters Patent and in confirming assignee's exclusive ownership of the invention, but at the expense of said assignee.

The Commissioner of Patents is hereby authorized and requested to issue the Letters Patent solely in accordance with the terms of this Assignment, to Smart Drilling and Completion, Inc., its successors, legal representatives and assigns, as the assignee of the entire right, title and interest therein.

IN WITNESS WHEREOF, the party hereto has executed this Assignment as of the date indicated hereunder.

William Banning Vail III  
William Banning Vail III

9/22/2000  
Date

STATE OF Washington )  
 ) ss.  
COUNTY OF Snohomish )

Before me, a Notary Public in and for said County and State, personally appeared before me, or is 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 considerations therein expressed:

Given under my hand and seal of office this 22 day of September, 2000.



Sharon Lynne Bailey  
Notary Public

My Commission Expires: 2-9-01