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... THE UNITED STATES ELECTED OFFICE (EO/US)

PCT/GB00/04667

07 December 2000

08 December 1999

International Application No.

International Filing Date

Priority Date Claimed

METHOD OF ASSESSING UNCERTAINTY IN DRILLING A WELL

Title

Haarstad

Applicant(s)

BOX PCT

Assistant Commissioner for Patents
Washington, D.C. 20231

Attention: EO/US

C

MRD
11-18-02

FINANCE SECTION

2002 NOV 13 AM 10:24

OFFICE OF THE COMMISSIONER OF PATENTS AND TRADEMARKS

COVER SHEET FOR ASSIGNMENT
IN THE UNITED STATES ELECTED OFFICE (EO/US)
FOR INTERNATIONAL APPLICATION ENTERING NATIONAL STAGE
IN U.S. DESIGNATED OFFICE (DO/US) UNDER 35 U.S.C. 371

IDENTIFICATION OF APPLICATION

1. The patent application filed herewith, and to which the attached assignment (document) refers, is identified as follows:

- a. Date of execution: May 30, 2002
- b. Name of each inventor:
 - 1. Ivar HAARSTAD

Title of invention: METHOD OF ASSESSING POSITIONAL UNCERTAINTY IN DRILLING A WELL

NAME OF PARTY(IES) CONVEYING INTEREST
(37 CFR 3.31 (a)(1))

2. The party(ies) conveying this interest is (are):

- 1. Ivar HAARSTAD

11/25/2002 LMUELLER 00000063 10149331

01 FC:8021

40.00 DP

NAME AND ADDRESS OF PARTY(IES) RECEIVING INTEREST
(37 C.F.R. 3.31 (a)(2))

3. The rights are being conveyed to:

Name: Den Norske Stats Oljeselskap a.s.

Address: N-4035 Stavenger, Norway

Telephone: _____

DESCRIPTION OF INTEREST CONVEYED OR TRANSACTION RECORDED

4. The accompanying document intends to accomplish:

- an assignment.
- a security agreement.
- a license.
- a merger.
- a change of name.
- a change of address.
- other.

NAME AND ADDRESS OF PARTY TO WHOM CORRESPONDENCE
SHOULD BE MAILED (37 CFR 3.31 (a)(5))

5. Please address correspondence to:

Name: James H. Patterson

Address: Patterson, Thuente, Skaar & Christensen, P.A.
4800 IDS Center
80 South Eighth Street
Minneapolis, Minnesota 55402-2100

Telephone No.: 612-349-5741

DATE ASSIGNMENT (DOCUMENT) EXECUTED (37 CFR 3.31 (a)(7))

6. The attached assignment (document) was executed on May 30, 2002

LANGUAGE OF ASSIGNMENT (DOCUMENT) TO BE RECORDED

The attached document:

- is in the English language.
- is not in the English language. A verified English translation signed by the individual making the translation is attached.

7. Submitted herewith is:

- the original document.
- a true copy of the original document.

NUMBER OF APPLICATIONS IDENTIFIED IN THIS COVER SHEET
AND THE FEE (37 CFR 3.31 (a)(6))

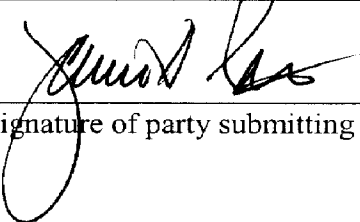
- 8. A. This cover sheet identifies only one application:
 - B. The fee for recordal (37 CFR 1.21(h)) is \$40.00.
 - Attached is a check for \$40.00.
 - Please charge Account _____ \$40.00.
- A duplicate of this cover sheet is attached.

STATEMENT (37 CFR 3.31 (a)(9)) AND SIGNATURE (37 CFR (a)(10))

9. 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.


Date: 11/12/02

James H. Patterson


Signature of party submitting document

(complete the following, if the party submitting the document is applicant's attorney)

Reg. No.: 30,673
Telephone No.: (612) 349-5741


SIGNATURE OF ATTORNEY
James H. Patterson
Patterson, Thuent, Skaar & Christensen, P.A.
4800 IDS Center
80 South Eighth Street
Minneapolis, MN 55402-2100

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10/149331

DT19 Rec'd PCT/PTO JUN 30 2002

08/06/02

Attorney Docket No. 3103.01US01

IN THE UNITED STATES ELECTED OFFICE (EO/US)

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METHOD OF ASSESSING UNCERTAINTY IN DRILLING A WELL

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Haarstad

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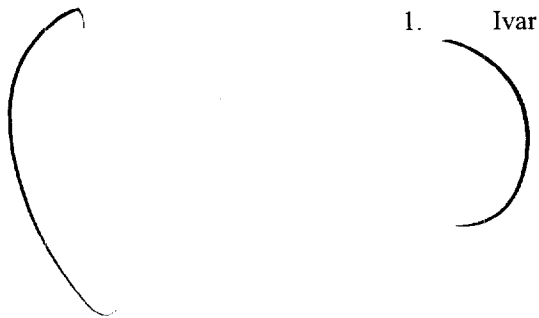
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- 1. Ivar HAARSTAD



NAME AND ADDRESS OF PARTY(IES) RECEIVING INTEREST
(37 C.F.R. 3.31 (a)(2))

3. The rights are being conveyed to:

Name: Statoil ASA

Address: N-4035 Stavenger, Norway

Telephone: _____

DESCRIPTION OF INTEREST CONVEYED OR TRANSACTION RECORDED

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- an assignment.
- a security agreement.
- a license.
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The attached document:

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- is not in the English language. A verified English translation signed by the individual making the translation is attached.

10/14933T

Patent Record: 01/2002

ORIGINAL DOCUMENT OR TRUE COPY SUBMITTED

7. Submitted herewith is:

- the original document.
- a true copy of the original document.

NUMBER OF APPLICATIONS IDENTIFIED IN THIS COVER SHEET AND THE FEE (37 CFR 3.31 (a)(6))

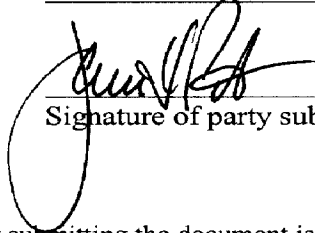
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STATEMENT (37 CFR 3.31 (a)(9)) AND SIGNATURE (37 CFR (a)(10))

9. 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.

Date: 06/06/02

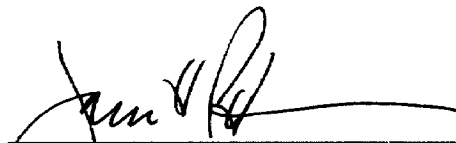
James H. Patterson



Signature of party submitting document

(complete the following, if the party submitting the document is applicant's attorney)

Reg. No.: 30,673
Telephone No.: (612) 349-5741



SIGNATURE OF ATTORNEY
James H. Patterson
Patterson, Thuent, Skaar & Christensen, P.A.
4800 IDS Center
80 South Eighth Street
Minneapolis, MN 55402-2100

Attorney Docket No. _____

ASSIGNMENT

WHEREAS, I, Ivar Haarstad, of Kollikveien 30, N-7032 Trondheim, Norway, have invented certain new and useful improvements in METHOD OF ASSESSING POSITIONAL UNCERTAINTY IN DRILLING A WELL, for which an application for Letters Patent of the United States has been made, said application having been executed on even date herewith or _____, and which may be identified in the United States Patent Office by Application No. _____, filed _____.

WHEREAS, Den Norske Stats Oljeselskap a.s. ("Assignee"), a corporation organized and existing under the laws of Norway, and having its principal offices at N-4035 Stavanger, Norway, is desirous of acquiring the entire right, title and interest in and to said invention, said application and in, to and under any and all Letters Patent to be obtained therefor;

NOW, THEREFORE, for and in consideration of One Dollar (\$1.00) and other good and valuable consideration to us in hand paid by said Assignee, the receipt of which is hereby acknowledged, I have sold, assigned and transferred, and by these presents do hereby sell, assign and transfer unto the said Assignee, its successors and assigns, my entire right, title and interest in and to said invention, said provisional/utility application, all applications claiming priority to said provisional/utility application including all divisions, continuations or renewals thereof, and the Letters Patent, both foreign and domestic, that may or shall issue, therefrom including all reissues or extensions of such patents including all of my rights under the International Convention, and I do hereby authorize and request the Commissioner of Patents to issue said Letters Patent to the above mentioned Assignee in accordance herewith.

I hereby authorize the above-mentioned Assignee, its successors and assigns, or anyone it may properly designate, to insert in this instrument the date of execution and/or filing date and application number of said application when ascertained

I further authorize said Assignee, its successors and assigns, or anyone it may properly designate, to apply for Letters Patent, in its own name if desired, in any and all foreign countries, and additionally to claim the filing date of said United States application and/or otherwise take advantage of the provisions of the International Convention.

Upon said consideration I do hereby covenant and agree with the said Assignee, its successors and assigns, that I will not execute in writing or do any act whatsoever conflicting with these presents, and that I or my executors or administrators will at any time upon request, without further or additional consideration, but at the expense of the said Assignee, its successors and assigns, execute such additional writings and do such additional acts as said Assignee, its successors and assigns, may deem necessary or desirable to perfect the Assignee's enjoyment of this grant, and render all necessary assistance in making application for and obtaining original, divisional, reissued or extended Letters Patent of the United States, or of any and all foreign countries on said invention, and in enforcing any rights occurring as a result of such applications

Attorney Docket No. _____

or patents, by giving testimony in any proceedings or transactions involving such applications or patents.

IN WITNESS WHEREOF, I have hereunto set my hand and affixed my seal as dated below.

Date: 30. May. 2002


Ivar Haarstad

WITNESSED BY:

Name: Olav Tordal

Date: 30. May. 2002

Address: Stubben. 10
N-2037 Trondheim, Norway

Name: Henrik K. Kjos

Date: 30. May. 2002

Address: MANTA SKYVEKUEL 17
7072 HEIMDAL, NORWAY