

11-09-2000



P/2147-35

PATEN

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SHEET

To the Assistant Commissioner of Patents and Trademarks: Please record the attached original document or copy thereof.

1. Name of conveying party(ies):

Pierre THORE



Type of Entity: Individual

Additional names(s) of conveying party(ies) attached? No

2. Name and Address of receiving party(ies):

Elf Exploration Production
 Tour Elf, 2, Place de la Coupole
 La Defense 6
 92400 Courbevoie, France

Type of Entity: Corporation-France

Additional name(s) & address(es) attached? No

3. Nature of Conveyance:

Assignment

Execution Date: August 1, 2000

4. Application number(s) or patent number(s):

If this document is being filed together with a new application, the execution date of the application is:

A. Application No.(s)

09/633,677

B. Patent No.(s)

Additional numbers attached? No

5. Name and address of party to whom
 correspondence concerning document should
 be mailed:

OSTROLENK, FABER, GERB & SOFFEN, LLP
 1180 Avenue of the Americas
 New York, New York 10036-8403

6. Total number of documents involved: 1

7. Total fee (37 CFR 3.41): \$ 40.00

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8. To the best of my knowledge and belief, the foregoing information is true and correct and any attached
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Edward A. Meilman

Name of Person Signing

Signature

October 3, 2000

Date

Total number of pages including cover sheet, attachments, and document: 2

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A S S I G N M E N T

(1) Insert (1)
Name(s) of inventor(s) Pierre THORE
(2)

In consideration of the sum of one dollar (\$1.00), and other good and valuable considerations paid to each of the undersigned, the undersigned agree (s) to assign, transfer and set over to

(3) Insert Name (3) ELF EXPLORATION PRODUCTION
of Assignee (4) of

(4) Insert Address Tour Elf, 2, Place de la Coupole - La Défense 6
of Assignee 92400 COURBEVOIE - France
(hereinafter designated as the Assignee) the entire right, title and interest for the United States, its territories, dependencies and possessions, in the invention known as

(5) Insert Identi- (5) Method of producing impact point position probability maps
fication of invention, for a well
such as title, Case,
Number or foreign
application Number for which the undersigned has (have) executed an appli-
cation for patent in the United States of America

(6) Insert date of (6) on 1/08/2000
signing of Appli-
cation

(1) The undersigned agree (s) to execute all papers necessary in connection with this application and any continuing or divisional applications thereof and also to execute separate assignments in connection with such applications as the Assignee may deem necessary or expedient.

(2) The undersigned agree (s) to execute all papers necessary in connection with any interference which may be declared concerning this application or continuation or division thereof and to cooperate with the Assignee in every way possible in obtaining evidence and going forward with such interference.

(3) The undersigned agree (s) to execute all papers and documents and perform any act which may be necessary in connection with claims or provisions of the International Convention for Protection of Industrial Property or similar agreements.

(4) The undersigned agree (s) to perform all affirmative acts which may be necessary to obtain a grant of a valid United States patent to the Assignee.

(5) The undersigned hereby authorize (s) and request (s) the Commissioner of Patents to issue any and all Letters Patents of the United States resulting from said application or any division or divisions or continuing applications thereof to the said Assignee, as Assignee of the entire interest, and hereby covenants that he has (they have) full right to convey the entire interest herein assigned, and that he has (they have) not executed, and will not execute, any agreement in conflict herewith.

(6) The undersigned hereby grant (s) the firm of OSTROLENK, FABER, GERB & SOFFEN (Registration N° 2352)
the power to insert on this assignment any further identification which may be necessary or desirable in order to comply with the rules of the United States Patent Office for recordation of this document.
In witness whereof, executed by the undersigned on the date (s) opposite the undersigned name (s)

Date 1/08/2000

Name of Inventor

Pierre Thore
Pierre THORE

(Seal)

Date **RECORDED: 10/05/2000**

Name of inventor

PATENT

(Seal)

REEL: 011214 FRAME: 0194