

09/581010

09-19-2000

PATENT APPLICATIONS

8.25



OFFICE

IN THE UNITED STATES

101462611

In Re the Application of:)
)
 AYASSE et al.)
)
 Int'l. Serial No.: PCT/CA98/01127)
)
 Int'l. Filing Date: 04 December 1998)
)
 Priority Date: 11 December 1997)
)
 For: "OILFIELD IN-SITU UPGRADING)
 PROCESS")
)
 Atty. File No.: 2483CA-1)

RECORDATION OF ASSIGNMENT

"EXPRESS MAIL" MAILING LABEL NUMBER: EL617197246
DATE OF DEPOSIT: 8-25-00

I HEREBY CERTIFY THAT THIS PAPER OR FEE IS BEING DEPOSITED WITH THE UNITED STATES POSTAL SERVICE "EXPRESS MAIL POST OFFICE TO ADDRESSEE" SERVICE UNDER 37 CFR 1.10 ON THE DATE INDICATED ABOVE AND IS ADDRESSED TO THE ASSISTANT COMMISSIONER FOR PATENTS, BOX PCT, WASHINGTON, D.C. 20231.

TYPED OR PRINTED NAME: JANICE MESSER

SIGNATURE: *Janice Messer*

Box PCT
Assistant Commissioner for Patents
Washington, D.C. 20231

09 581010

Dear Sir:

Please record the attached original documents or copy thereof:

1. Name of conveying party(ies):

Conrad Ayasse
Malcolm Greaves
Alex Turta

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

Petroleum Recovery Institute
100, 3512 -- 33rd Street N.W.
Calgary, Alberta T2L 2A6 Canada

3. Nature of Conveyance:

- | | | | |
|-------------------------------------|--------------------|--------------------------|----------------|
| <input checked="" type="checkbox"/> | Assignment | <input type="checkbox"/> | Merger |
| <input type="checkbox"/> | Security Agreement | <input type="checkbox"/> | Change of Name |
| <input type="checkbox"/> | Other: _____ | | |

Execution Date: July 26, 31 and August 1, 2000

08/31/2000 ABIZAW 00001154 09581010
01 FD:581 49.00

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. Patent Application No.(s): 09/581,010

B. Patent No.(s): None.

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

Douglas W. Swartz
Sheridan Ross P.C.
1560 Broadway, Suite 1200
Denver, Colorado 80202-5141,

6. Total number of applications and patents involved: 1.

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

Enclosed

Any deficiency in payment of recording fee is authorized to be charged to Deposit Account.

Authorized to be charged to deposit account.

8. Deposit account number: 19-1970.

9. 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.

Total number of pages including cover sheet, attachments and document: 6

Respectfully submitted,

SHERIDAN ROSS P.C.

By: Douglas W. Swartz
Douglas W. Swartz

Registration No. 37,739

1560 Broadway, Suite 1200

Denver, Colorado 80202-5141

(303) 863-9700

Date: August 24, 2000

ASSIGNMENT

WHEREAS, we, Conrad Ayasse of 100, 3512-33 Street N.W., Calgary, Alberta, Canada, T2L 2A6, Malcolm Greaves of University of Bath, School of Chemical Engineering, Bath, Avon BA2 7AY, United Kingdom, and Alex Turta of 100, 3512-33 Street N.W., Calgary, Alberta, Canada, T2L 2A6, have invented a certain new and useful invention entitled "OILFIELD IN-SITU UPGRADING PROCESS", for which an application for Letters Patent of the United States has been prepared for filing, said application being identified as Attorney File No. 2483CA-1 and executed on even date herewith;

NOW THEREFORE, be it known that we, the said inventors, 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, Petroleum Recovery Institute, a company organized under the laws of Canada and having a place of business at 100, 3512-33 Street N.W., Calgary, Alberta, T2L 2A6 Canada, 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; we also assign any right, title or interest in and to the invention which has not already been transferred to the assignee; we warrant that we have made no assignment of the invention, application or patent therefor to a party other than Petroleum Recovery Institute and we are under no obligation to make any assignment of the invention, application, or patent therefor to any other party; and we 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 Petroleum Recovery Institute, its successors, legal representatives and assigns, as the assignee of the entire right, title and interest therein.

IN WITNESS WHEREOF, the parties hereto have executed this Assignment as of the date indicated hereunder.

Date: _____ By: _____
Conrad Ayasse

Date: 1/8/20 By: _____
Malcolm Greaves

Date: _____ By: _____
Alex Turta

Witnessed by: [Signature] Date: 1st August 2020
School of Chemical Engineering, University of Bath

ASSIGNMENT

WHEREAS, we, Conrad Ayasse of 100, 3512-33 Street N.W., Calgary, Alberta, Canada, T2L 2A6, Malcolm Greaves of University of Bath, School of Chemical Engineering, Bath, Avon BA2 7AY, United Kingdom, and Alex Turta of 100, 3512-33 Street N.W., Calgary, Alberta, Canada, T2L 2A6, have invented a certain new and useful invention entitled "OILFIELD IN-SITU UPGRADING PROCESS", for which an application for Letters Patent of the United States has been prepared for filing, said application being identified as Attorney File No. 2483CA-1 and executed on even date herewith;

NOW THEREFORE, be it known that we, the said inventors, 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, Petroleum Recovery Institute, a company organized under the laws of Canada and having a place of business at 100, 3512-33 Street N.W., Calgary, Alberta, T2L 2A6 Canada, 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; we also assign any right, title or interest in and to the invention which has not already been transferred to the assignee; we warrant that we have made no assignment of the invention, application or patent therefor to a party other than Petroleum Recovery Institute and we are under no obligation to make any assignment of the invention, application, or patent therefor to any other party; and we 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 Petroleum Recovery Institute, its successors, legal representatives and assigns, as the assignee of the entire right, title and interest therein.

IN WITNESS WHEREOF, the parties hereto have executed this Assignment as of the date indicated hereunder.

Date: _____ By: _____
Conrad Ayasse

Date: _____ By: _____
Malcolm Greaves

Date: July 31st, 2000 By: [Signature]
Alex Turta

Witnessed by: [Signature] (Doug Fisher) Date: July 31/2000

ASSIGNMENT

WHEREAS, we, Conrad Ayasse of 100, 3512-33 Street N.W., Calgary, Alberta, Canada, T2L 2A6, Malcolm Greaves of University of Bath, School of Chemical Engineering, Bath, Avon BA2 7AY, United Kingdom, and Alex Turta of 100, 3512-33 Street N.W., Calgary, Alberta, Canada, T2L 2A6, have invented a certain new and useful invention entitled "OILFIELD IN-SITU UPGRADING PROCESS", for which an application for Letters Patent of the United States has been prepared for filing, said application being identified as Attorney File No. 2483CA-1 and executed on even date herewith;

NOW THEREFORE, be it known that we, the said inventors, 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, Petroleum Recovery Institute, a company organized under the laws of Canada and having a place of business at 100, 3512-33 Street N.W., Calgary, Alberta, T2L 2A6 Canada, 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; we also assign any right, title or interest in and to the invention which has not already been transferred to the assignee; we warrant that we have made no assignment of the invention, application or patent therefor to a party other than Petroleum Recovery Institute and we are under no obligation to make any assignment of the invention, application, or patent therefor to any other party; and we 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 Petroleum Recovery Institute, its successors, legal representatives and assigns, as the assignee of the entire right, title and interest therein.

IN WITNESS WHEREOF, the parties hereto have executed this Assignment as of the date indicated hereunder.

Date: July 16/1997 By: Conrad Ayasse

Date: _____ By: Malcolm Greaves

Date: _____ By: Alex Turta

Witnessed by: _____ Date: July 16/1997