

05-25-1999

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

1. Name of conveying party(ies):
Maziar Sardashti and Xiaonian Lai

Additional name(s) of conveying party(ies) attached? Yes No

3. Nature of conveyance:
 Assignment of U.S. Patent Application
**entitled CHEMOMETRIC TECHNIQUE FOR
PREDICTING POLYMER PROPERTIES WITH
AN ON-LINE NMR SYSTEM**
 Merger
 Security Agreement Change of Name
 Other _____

Execution Dates: Sardashti - Apr. 22, 1999; Lai - Apr. 26, 1999

2. Name and address of receiving party(ies)

Name: **Phillips Petroleum Company, a Delaware corporation**

Internal Address: **Bartlesville, OK 74004**

Street Address: **Patent & Licensing Division
222 PLB Patent & Library Bldg.**

City: **Bartlesville** State: **OK** ZIP: **74004**

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) **S/N - 09/224,522** B. Patent No.(s)
Additional numbers attached? Yes No

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

Name: **Phillip L. Free, Jr.**

Internal Address: _____

Street Address: **CROWE & DUNLEVY**

1800 Mid-America Tower, 20 N. Broadway

City: **Oklahoma City** State: **OK** Zip: **73102-8273**

6. Total number of applications and patents involved:

1

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

Enclosed

Authorized to be charged to deposit account

8. Deposit account number: **13-0110**
(if additional fees required)

DO NOT USE THIS SPACE

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.

Phillip L. Free, Jr.
Name of Person Signing

Phillip L. Free, Jr.
Signature

May 19, 1999
Date

Total number of pages including cover sheet, attachments, and document: 4

DEPOSITED ON: May 19, 1999

#33682US

ASSIGNMENT

WHEREAS, we **Maziar Sardashti and Xiaonian Lai** (hereinafter referred to as **ASSIGNORS**), are the joint inventors and owners of a certain invention entitled **CHEMOMETRIC TECHNIQUE FOR PREDICTING POLYMER PROPERTIES WITH AN ON-LINE NMR SYSTEM**, for which application for United States Letters Patent was filed on December 31, 1998 and assigned Serial No. 09/224,522; and

WHEREAS, Phillips Petroleum Company, a Delaware corporation, (hereinafter referred to as **ASSIGNEE**) having a place of business at Bartlesville, Oklahoma, is desirous of acquiring the entire right, title and interest in and to said invention and in and to any Letters Patent that may be granted therefor in the United States and in any and all foreign countries;

NOW, THEREFORE, in consideration of the sum of Ten Dollars (\$10.00) and other good and valuable consideration, the receipt of which is hereby acknowledged, **ASSIGNORS** have each sold, assigned and transferred, and by these presents do sell, assign and transfer unto said **ASSIGNEE**, the entire right, title and interest to the invention held by Assignors in the United States and its territorial possessions and in all foreign countries and the entire right, title and interest in and to any and all Letters 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 divisions, reissues, continuations and extensions thereof.

ASSIGNORS hereby authorize and request the Patent and Trademark Office Officials in the United States and any and all foreign countries to issue any and all of said Letters patent, when granted, to said, **ASSIGNEE**, as the **ASSIGNEE** of **ASSIGNORS**' entire right, title and interest in and to the same, for the sole use and enjoyment of said **ASSIGNEE**, its successors and assigns.

Further, **ASSIGNORS** each agree that **ASSIGNORS** will communicate to said **ASSIGNEE**, or its representatives, any facts known to **ASSIGNORS** respecting said invention, and will testify in any legal proceedings, sign all lawful papers, execute all divisions, continuations, substitutions, renewal and reissue applications, execute all necessary assignment papers to cause any and all of said Letters Patent to be issued to said **ASSIGNEE**, make all rightful oaths and generally do everything necessary or desirable to aid said **ASSIGNEE**, its successors and assigns to obtain and enforce proper protection for said invention in the United States and in any and all foreign countries.

ASSIGNORS each hereby covenant that no assignment, sale, agreement or encumbrance has been or will be made or entered into which would conflict with this assignment and sale.

ASSIGNORS each hereby declare that all statements made herein of his own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

Dated: 4/22/99

ASSIGNOR

Maziar Sardashti
Maziar Sardashti

Dated: 4/26/99

ASSIGNOR

Xiaonian Lai
Xiaonian Lai

STATE OF Oklahoma)
)
COUNTY OF Washington) ss.

This instrument was acknowledged before me, a Notary Public, on this 22 day of April, 1999, by Maziar Sardashti.

Paul L. Finley
Notary Public

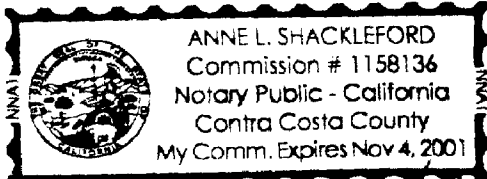
My commission expires: June 6, 2002

STATE OF California)

COUNTY OF Contra Costa)

ss.

This instrument was acknowledged before me, a Notary Public, on this 26th day of April, 1999, by Xiaonian Lai.



Anne L. Shackelford
Notary Public

My commission expires: 11/4/2001