

04-07-1999



ASSIGNMENT

101003370

Assistant Commissioner For Patent  
Attn: Box Assignments  
Washington, D.C. 20231

3/24/99

jc525 U.S. PRO  
09/275838  
03/24/99

Sir:

Please record the attached original documents:

1. Name of conveying party: Warren J. Ray and David G. Hines
2. Name and address of receiving party:

Deep South Chemical, Inc.  
229 Millstone Road  
Broussard, Louisiana 70518

3. Nature of conveyance:

(X) Assignment ( ) Merger  
( ) Security Agreement ( ) Change of Name  
( ) Other

Execution Date: \_\_\_\_\_ March 17, 1999 \_\_\_\_\_

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:  
\_\_\_\_\_ March 24, 1999 \_\_\_\_\_.  
A. Patent Application No.(s): N/A  
B. Patent No.(s):

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

04/02/1999 JORTIS 00000034 09275838  
02 FC:581  
C. Dean Domingue  
Domingue, DeLaune & Waddell, PLC  
Registration No.: 33,682  
1003 Hugh Wallis Road  
The Gardens, Suite I  
Lafayette, LA 70508

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

PATENT  
REEL: 9861 FRAME: 0375

7. Total fee (37 CFR 1.1(h)): 1 X \$40.00 = \$40.00.  
( ) A check in the amount of \$ 40.00 which includes the fee for recording the Assignment is enclosed.  
( ) Please charge deposit account 02-0429 in the amount of \$ 40.00 to cover the recording fee.
8. Please charge any additional fees due, or credit any overpayment to Deposit Account No.: \_\_\_\_\_.
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 documents.

C. Dean Domingue

Name



Signature

24-Mar-1999

Date

Total number of pages comprising cover sheet: (2)

**ASSIGNMENT  
FOR GOOD AND VALUABLE CONSIDERATION**

I, Warren J. Ray and David G. Hines residing respectively at (city and state or country)

Warren J. Ray  
103 Sedgefield Drive  
Lafayette, Louisiana 70503  
United States Citizen

David G. Hines  
177 Villere Drive  
Destrehan, Louisiana 70047  
United States citizen

I do hereby sell, assign and transfer unto Deep South Chemical, Inc. a corporation organized under the laws of the State of Louisiana and having an office at

229 Millstone Road  
Broussard, Louisiana 70518

herein sometimes called "ASSIGNEE," the entire right, title and interest, together with all rights of priority, in and to my invention for the IMPROVEMENT IN

METHOD OF CLEANING A WELL BORE PRIOR TO INSTALLING  
A WATER BASE FLUID SYSTEM

as described and/or claimed in my application for Letters Patent of the United States of America, executed and filed on even date herewith and as described and/or claimed in any and all applications for Letters Patent based thereon, including divisions, continuations and reissues thereof as well as all foreign counterparts thereof, together with all Letters patent issuing on any of the aforesaid applications for Letters Patent, the same to be held and enjoyed by ASSIGNEE, its successors, assigns or other legal representatives, to the full ends of the terms of all said Letters Patent therefore which may be granted.

AND I HEREBY AUTHORIZE ASSIGNEE to make applications for and

to receive Letters Patent for said invention in any foreign countries in its own name, or in my name, at its election.

AND I HEREBY COVENANT AND AGREE that I will execute or procure any further necessary assurance of title to said invention and any Letters Patent which may issue therefor and that I will, at any time, upon the request and at the expense of ASSIGNEE deliver any testimony in any legal proceedings and execute all papers that may be necessary or desirable to perfect the title to said invention, or any Letters Patent which may be granted therefor, in ASSIGNEE, its successors, assigns, or other legal representatives, and that I will, at any time, upon the request and at the expense of ASSIGNEE, execute any continuations, divisions, reissues, or any other additional applications for Letters Patent for said invention or any part of parts thereof, all of which applications and any Letters Patent issuing thereon are hereby assigned to ASSIGNEE, and will make all rightful oaths, and all lawful acts requisite for procuring the same therein, without further compensation, but at the expense of ASSIGNEE, its successors, assigns or other legal representatives.

AND I HEREBY AUTHORIZE AND REQUEST the Commissioner of Patents and Trademarks to issue any and all Letters Patent of the United States for said invention, resulting from any of the aforesaid applications to said as sole assignee.

WITNESS MY hand this 17 day of March, 1999.

Warren J. Ray  
Warren J. Ray

3-17-99  
Date

David G. Hines  
David G. Hines

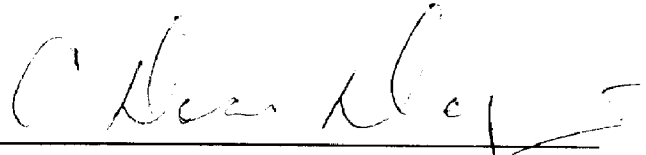
3-17-99  
Date

Acknowledgment

State of Louisiana

Parish of Lafayette

On this 17<sup>th</sup> day of March, 1999 personally appeared before me Warren J. Ray, to me known, and known by me to be the same person described in and who executed the foregoing instrument, and acknowledged that he executed the same, of his own free will and for the purposes set forth.

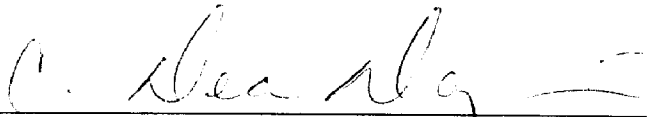


Notary Public, State of Louisiana  
United States of America

State of Louisiana

Parish of Lafayette

On this 17<sup>th</sup> day of March, 1999, personally appeared before me David G. Hines, to me known and known by me to be the same person described in and who executed the foregoing instrument, and acknowledged that he executed the same, of this own free will and for the purpose set forth.



Notary Public, State of Louisiana  
United States of America