

FORM PTO-1555 (Modified)  
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P08A/REV03

RECORDATION FORM COVER SHEET

U.S. DEPARTMENT OF COMMERCE

Patent and Trademark Office

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Tab settings

To the Director of the United States Patent and Trademark Office: Please record the attached original documents or copy thereof.

1. Name of conveying party(ies):

Mohand Melbouet  
Arjun C. Sau

Additional names(s) of conveying party(ies)  Yes  No

3. Nature of conveyance:

- Assignment  Merger
- Security Agreement  Change of Name
- Other

Execution Date: August 23, 2004

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

Name: Hercules Incorporated

Address: Hercules Plaza

1313 North Market Street

City: Wilmington State/Prov.: Delaware

Country: USA ZIP: 19894-0001

Additional name(s) & address(es)  Yes  No

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

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

Patent Application No.	Filing date
10/896,672	July 22, 2004

B. Patent No.(s)

Additional numbers  Yes  No

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

Name: Gary A. Samuels

Registration No. 20,811

Address: Hercules Plaza, Rm. 8224 SW

1313 North Market Street

City: Wilmington State/Prov.: Delaware

Country: USA ZIP: 19894-0001

6. Total number of applications and patents involved:

1

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

- Enclosed - Any excess or insufficiency should be credited or debited to deposit account
- Authorized to be charged to deposit account

8. Deposit account number:

08-1800

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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.

Gary A. Samuels

Name of Person Signing

*Gary A. Samuels*  
Signature

January 16, 2006

Date

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

4

Mail documents to be recorded with required cover sheet information to:  
Mail Stop Assignment Recordation Services  
Director of the United States Patent and Trademark Office  
P.O. Box 1450, Alexandria, VA 22313-1450

CH \$40.00 081800 10896672

Serial No. 10/896,672Filed 7/22/04ASSIGNMENT

WHEREAS, We, Mohand Malbouci of 134 Shinn Circle, Wilmington, DE 19808, in the County of New Castle and State of Delaware; and Arjun G. Bau of 521 Langwater Drive, Newark DE 19711 in the County of New Castle; respectively, have invented certain new and useful improvements in Water-Based Drilling Fluids described in a patent application executed by us on the 26 day of July 2004; and identified as DKT# 10379, and of which improvements, in and for the United States, its territories, dependencies and possessions, and for all foreign countries, we are now the joint owners; and

WHEREAS, HERCULES INCORPORATED, a corporation duly organized and existing under and by virtue of the laws of the State of Delaware, and having its principal office and place of business in Wilmington, Delaware, is desirous of acquiring the entire right, title and interest, for the United States, its territories, dependencies and possessions, and for all foreign countries, in and to the said improvements, application, invention or inventions, and any Letters Patent that might be granted therefor or thereupon, the said HERCULES INCORPORATED, its successors and assigns, being hereinafter referred to as "HERCULES."

NOW, THEREFORE, be it known that for good and valuable consideration by us, received from said HERCULES, the receipt of which is hereby acknowledged, we have sold, assigned, transferred and set over, and by these presents do hereby sell, assign, transfer and set over, to and unto HERCULES, our entire right, title and interest, for and in the United States, its territories, dependencies and possessions, and for and in all foreign countries, in and to:

- (1) Said invention or inventions, and, in, to and under the above-identified patent application, and
- (2) All improvements and modifications of said invention or inventions which we, solely or jointly have made or conceived, or shall make or conceive, while we are employed by HERCULES, and
- (3) All Letters Patent which may be granted by the United States of America, and countries foreign thereto, for or upon said application, invention or inventions, or said improvements or modifications, and in, to and under all reissues and extensions of said Letters Patent, and in, to and under all renewals, divisions, substitutes and continuations of the aforesaid application, and of any application filed in any country for any improvement or modification mentioned in clause (2) above; and we hereby authorize and request the Commissioner of Patents to issue all Letters Patent of the United States of America on the said invention or inventions to HERCULES as assignee of the entire interest therein.

The inventions and the improvements and modifications mentioned in clauses (1), (2), and (3), above, are hereinafter referred collectively as "said inventions".

And, for the above-mentioned considerations, we do hereby covenant and agree:

**First:** That we will promptly and fully disclose to HERCULES all such improvements and modifications invented by us, and we will freely, fully and promptly communicate (in writing if requested) to HERCULES, or its nominee, all facts, information and evidence possessed or known by or available to us which concern "said inventions", and, at the request of HERCULES, that we will testify in interferences and other legal proceedings which may involve "said inventions".

**Second:** That we will render HERCULES, at its expense, all assistance which in its sole opinion is necessary to obtain and enforce patent protection in the United States, its territories, dependencies and possessions, and countries foreign thereto, for "said inventions". If we are not employed by HERCULES, a reasonable per diem charge shall be paid by HERCULES for time spent by us in such connection.

**Third:** That we will, at the request and at the expense of HERCULES, but without further compensation therefor, execute - (a) any and all original, divisional, continuation, substitute, renewal or other applications for Letters Patent of the United States, its territories, dependencies and possessions, and of foreign countries, for "said inventions", (b) any and all applications for the reissue or extension of any Letters Patent of the United States, its territories, dependencies and possessions, and of foreign countries that may be granted upon said application or for "said inventions", and (c) all assignments and other papers that HERCULES may deem necessary or expedient to secure the grant of each and all of said Letters Patent to HERCULES, or its nominee, and to protect and vest in HERCULES the entire right, title and interest, for the United States, its territories, dependencies and possessions, and for foreign countries, in and to "said inventions" and Letters Patent of the United States, its territories, dependencies and possessions, and for foreign countries.

IN TESTIMONY WHEREOF, we have hereunto set our hand respectively this 23 day of ~~July~~ 2004.

August



Mohand Melbouci

(L. S.)

IN TESTIMONY WHEREOF, we have hereunto set our hand respectively this 26 day of July 2004.



Arjun C. Sau

(L. S.)

STATE OF Delaware )  
 ) SS.  
COUNTY OF New Castle )

I, the undersigned, a Notary Public in and for the State and County aforesaid, do hereby certify that Mohand Melbouci, personally known to me to be the same person whose name is subscribed to the foregoing instrument, appeared before me this day in person and acknowledged that he executed the said instrument as his free and voluntary act, for the uses and purposes therein set forth.

IN WITNESS WHEREOF, I have hereunto set my hand and notarial seal this 23 day of July 2004.

*Resquet*

*Theresa A. Cordrey*  
Notary Public

My commission expires *July 16, 2008*

SEAL

THERESA A. CORDREY  
NOTARY PUBLIC  
STATE OF DELAWARE  
My Commission Expires July 16, 2008

STATE OF Delaware )  
 ) SS.  
COUNTY OF New Castle )

I, the undersigned, a Notary Public in and for the State and County aforesaid, do hereby certify that Ariun G. Sau, personally known to me to be the same person whose name is subscribed to the foregoing instrument, appeared before me this day in person and acknowledged that he executed the said instrument as his free and voluntary act, for the uses and purposes therein set forth.

IN WITNESS WHEREOF, I have hereunto set my hand and notarial seal this 26<sup>th</sup> day of July 2004.

*Theresa A. Cordrey*  
Notary Public

My commission expires *July 16, 2008*

SEAL

THERESA A. CORDREY  
NOTARY PUBLIC  
STATE OF DELAWARE  
My Commission Expires July 16, 2008