

PATENTS ONLY

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

| 1. | | YING PARTY(IES): | |
|----|------------------|------------------|---|
| | Motthey I Miller | 15/10/ | • |

Mathew Samuel Palathinkara S. Vinod Thomas N. Olsen

No additional names attached

2. NAME AND ADDRESS OF RECEIVING PARTY(IES):

Schlumberger Technology Corporation 110 Schlumberger Drive Sugar Land, Texas 77478

No additional names & addresses attached

3. NATURE OF CONVEYANCE:

ASSIGNMENT

EXECUTION DATE:

March 16, 2001, March 14, 2001, March 15, 2001 and March 23, 2001

4. APPLICATION NUMBER(S) OR PATENT NUMBER(S):

If this document is being filed with a new application, the execution date of the application is: March 16, 2001, March 14, 2001, March 15, 2001 and March 23, 2001

A. PATENT APPLICATION NO.(s)

B. PATENT NO.(s)

NO ADDITIONAL NUMBERS ATTACHED

5. NAME AND ADDRESS FOR CORRESPONDENCE:

Schlumberger Technology Corporation IP Dept., Well Stimulation 110 Schlumberger Drive, MD1 Sugar Land, Texas 77478

6. TOTAL NUMBER OF APPLNS. & PATENTS INVOLVED 1.

7. TOTAL FEE (37 CF4.3.41) \$40.00

CHARGE TO DEPOSIT ACCOUNT

8. DEPOSIT ACCOUNT NO. 04-1579(56.0569) (a duplicate of this page is attached)

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 9. STATEMENT AND SIGNATURE.

original document.

(Signature) Thomas O. Mitchell

Total number of pages including cover sheet, achments and document: 5

ASSIGNMENT OF APPLICATION

Docket Number (Optional) 56.0569

| Whereas, I, Matthew J. Miller of Missouri City, Texas USA, hereafter | | | | | | | |
|--|--|--|--|--|--|--|--|
| | | | | | | | |
| referred to as applicant, have invented certain new and useful improvements in <u>COMPOSITIONS AND</u> METHODS TO CONTROL FLUID LOSS IN SURFACTANT-BASED WELLBORE SERVICE FLUIDS | | | | | | | |
| METHODO TO CONTROL I EGID EGGO NA COM ACTANT BAGED WELEBONE GENVIOL I EGIDG | | | | | | | |
| for which an application for a United States Patent was filed on, Application Number | | | | | | | |
| Whereas, Schlumberger Technology Corporation of Sugar Land, Texas USA herein referred to | | | | | | | |
| "assignee" whose mailing address is is de- | | | | | | | |
| sirous of acquiring the entire right, title and interest in the same; | | | | | | | |
| Now, therefore, in consideration of the sum of One dollars (\$_1.00), the receipt whereof is ac- | | | | | | | |
| knowledged, and other good and valuable consideration, I, the applicant, by these presents do sell, assign | | | | | | | |
| and transfer unto said assignee the full and exclusive right to the said invention in the United States and the | | | | | | | |
| entire right, title and interest in and to any and all Patents which may be granted therefor in the United States, | | | | | | | |
| I hereby authorize and request the Commissioner of Patents and Trademarks to issue said United States | | | | | | | |
| Patent to said assignee, of the entire right, title, and interest in and to the same, for his sole use and behoof; | | | | | | | |
| and for the use and behoof of his legal representatives, to the full end of the term for which said Patent may | | | | | | | |
| be granted, as fully and entirely as the same would have been held by me had this assignment and sale not | | | | | | | |
| been made. March 2001 | | | | | | | |
| Executed this 16th day of March, 20 01, | | | | | | | |
| at Sugar Land, Texas U.S.A. Workland Miller | | | | | | | |
| State of Texas SS: County of Ft. Bend Matthew J. Miller Before me personally appeared said Matthew J. Miller and acknowledged the foregoing instrument to be his free act and deed this 16th day of March 20 01 TRICIA E VAN HOOSER MY COMMISSION EXPIRES (Notary Public) | | | | | | | |

Burden Hour Statement: This will is estimated to take 0:1 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of the comments on the amount of the comments of the amount of the comments of the individual case. Any comments on the amount of the comments of the comments of the individual case. Any comments on the amount of the comments of the individual case. Any comments on the amount of the comments of the individual case. Any comments on the amount of the comments of the individual case. Any comments on the amount of the comments of the individual case. Any comments on the amount of the comments of the individual case. Any comments on the amount of the comments of the individual case. Any comments on the amount of the comments of the individual case. Any c

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ASSIGNMENT OF APPLICATION

Docket Number (Optional) 56.0569

| Whereas, I,Mathew SamuelofSchlumberger Technology Corporation _, hereafter | | | | | | |
|--|--|--|--|--|--|--|
| referred to as applicant, have invented certain new and useful improvements in COMPOSITIONS AND | | | | | | |
| METHODS TO CONTROL FLUID LOSS IN SURFACTANT-BASED WELLBORE SERVICE FLUIDS | | | | | | |
| for which an application for a United States Patent was filed on, Application Number, for which an application for a United States Patent was executed on March 14, 2001, and | | | | | | |
| Whereas, Schlumberger Technology Corporation of Sugar Land, Texas USA herein referred to | | | | | | |
| "assignee" whose mailing address is is de- | | | | | | |
| sirous of acquiring the entire right, title and interest in the same; | | | | | | |
| Now, therefore, in consideration of the sum of <u>One</u> dollars (\$\frac{1.00}{}\), the receipt whereof is ac- | | | | | | |
| knowledged, and other good and valuable consideration, I, the applicant, by these presents do sell, assign | | | | | | |
| and transfer unto said assignee the full and exclusive right to the said invention in the United States and the | | | | | | |
| entire right, title and interest in and to any and all Patents which may be granted therefor in the United States, | | | | | | |
| I hereby authorize and request the Commissioner of Patents and Trademarks to issue said United States | | | | | | |
| Patent to said assignee, of the entire right, title, and interest in and to the same, for his sole use and behoof; | | | | | | |
| and for the use and behoof of his legal representatives, to the full end of the term for which said Patent may | | | | | | |
| be granted, as fully and entirely as the same would have been held by me had this assignment and sale not | | | | | | |
| been made. 14th day of March, 20 01, | | | | | | |
| Executed this, 20 5, | | | | | | |
| at Sugar Land, Texas U.S.A. | | | | | | |
| State of Texas SS: County of Ft. Bend Mathew Samuel Before me personally appeared said Mathew Samuel and acknowledged the foregoing instrument to be his free act and deed this 14th day of March , 20 01 TRICIA E. VAN HOOSER (Notary Public) MY COMMISSION EXPIRES | | | | | | |

Burden Hour Statement: This for the service of the individual case. Any comments on the amount of time to complete the form the service of the individual case. Any Office, Washington, DC 20231. Do Not service of Complete D FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner of Patents and Trademarks, Washington, DC 20231. DC 20231.

| ASSIGN | IMENI | r OF A | PPI 10 | CATION |
|--------|-------|--------|--------|--------|

Docket Number (Optional) 56.0569

| Whereas, I, Palathinkara S. Vinod | of Poteau, Oklahoma U.S.A, hereafter |
|--|--|
| referred to as applicant, have invented certain ne | ew and useful improvements in COMPOSITIONS AND |
| METHODS TO CONTROL FLUID LOSS IN SU | RFACTANT-BASED WELLBORE SERVICE FLUIDS |
| Application Number/ | es Patent was filed on, es Patent was executed on, and |
| Whereas, Schlumberger Technology Corporation | of Sugar Land, Texas USA herein referred to |
| "assignee" whose mailing address is | 110 Schlumberger Drive is de- |
| sirous of acquiring the entire right, title and interes | est in the same; |
| Now, therefore, in consideration of the sum of | One dollars (\$ 1.00), the receipt whereof is ac- |
| knowledged, and other good and valuable consid | deration, I, the applicant, by these presents do sell, assign |
| and transfer unto said assignee the full and exclu | usive right to the said invention in the United States and the |
| | Patents which may be granted therefor in the United States, |
| I hereby authorize and request the Commission | er of Patents and Trademarks to issue said United States |
| Patent to said assignee, of the entire right, title, a | and interest in and to the same, for his sole use and behoof; |
| and for the use and behoof of his legal represent | tatives, to the full end of the term for which said Patent may |
| be granted, as fully and entirely as the same wou | uld have been held by me had this assignment and sale not |
| been made. | March , 20 01 , |
| Executed this day | of, 20_01, |
| at Poteau, Oklahoma U.S.A. | |
| | 18 min |
| Oklahoma \ SS: | (Signature) |
| State of Onational | Palathinkara S. Vinod |
| Before me personally appeared said and acknowledged the foregoing instrument to be day of March, 20_01 | pe his free act and deed this15/h |
| Seal | (Notary Public) |
| Seal | it made of the individual (|

Burden Hour Statement: This form is estimated to take 0.1 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner of Patents and Trademarks, Washington, DC 20231.

ASSIGNMENT OF APPLICATION

Docket Number (Optional) 56.0569

| Whereas, I, Thomas N. Olsen of Denver, Colorado USA, h | ereafter |
|---|-----------|
| $referred\ to\ as\ applicant,\ have\ invented\ certain\ new\ and\ useful\ improvements\ in\ \underline{COMPOSITIONS}$ | AND |
| METHODS TO CONTROL FLUID LOSS IN SURFACTANT-BASED WELLBORE SERVICE FLU | IDS |
| for which an application for a United States Patent was filed on Application Number | |
| Whereas, Schlumberger Technology Corporation of Sugar Land, Texas USA herein ref | erred to |
| "assignee" whose mailing address is i 110 Schlumberger Drive i | s de- |
| sirous of acquiring the entire right, title and interest in the same; | |
| Now, therefore, in consideration of the sum of <u>One</u> dollars (\$_1.00), the receipt whered | of is ac- |
| knowledged, and other good and valuable consideration, I, the applicant, by these presents do sell, | assign |
| and transfer unto said assignee the full and exclusive right to the said invention in the United States | and the |
| entire right, title and interest in and to any and all Patents which may be granted therefor in the United | |
| I hereby authorize and request the Commissioner of Patents and Trademarks to issue said United | |
| Patent to said assignee, of the entire right, title, and interest in and to the same, for his sole use and | behoof; |
| and for the use and behoof of his legal representatives, to the full end of the term for which said Pate | ent may |
| be granted, as fully and entirely as the same would have been held by me had this assignment and : | sale not |
| been made. | |
| been made. Executed this | _9 |
| at Denver, Colorado U.S.A. | |
| Than M 9h | |
| (Signature) | |
| County of Chapalol) Thomas N. Olsen | |
| Before me personally appeared said | |
| day of March, 20 01. | |
| Seal (Notary Public) | |

Burden Hour Statement: This form is estimated to take 0.1 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner of Patents and Trademarks, Washington, DC 20231.

RECORDED: 05/08/2001