

102004412

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

1. NAME OF CONVEYING PARTY(IES):

David M. Eslinger Stephen D. Hill

Randolph J. Sheffield Howard L. McGill James M. Costley

No additional names attached

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

Schlumberger Technology Corporation

300 Schlumberger Drive Sugar Land, Texas 77478

No additional names & addresses attached

3. NATURE OF CONVEYANCE:

ASSIGNMENT

EXECUTION DATE:

February 15, 2002

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: February 15, 2002.

A. PATENT APPLICATION NO.(s) Filed Herewith

B. PATENT NO.(s)

NO ADDITIONAL NUMBERS ATTACHED

5. NAME AND ADDRESS FOR **CORRESPONDENCE:**

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

Mr. Wayne Kanak Schlumberger Conveyance and Delivery 555 Industrial Boulevard

Sugar Land, Texas 77478

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

CHARGE TO DEPOSIT ACCOUNT

8. DEPOSIT ACCOUNT NO. 03-0330(56.0623) (a duplicate of this page is attached)

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:

03/05/2002 DBYRNE

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PATENT REEL: 012626 FRAME: 0756

PTO/SB/15 (08-00)

Approved for use through 05/31/2002. OMB 0651-0027

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ASSIGNMENT OF APPLICATION

Docket Number (Optional) 56.0623

De MAA Fellesse
Whereas, I, David M. Eslingerof Broken Arrow, OK, hereafter
referred to as applicant, have invented certain new and useful improvements in
TUBING CONVEYED FRACTURING TOOL AND METHOD
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 _/5 = 2002, and
Whereas, Schlumberger Technology Corporation of Sugar Land, Texas USA herein referred to
"assignee" whose mailing address is 300 Schlumberger Drive, Sugar Land, Texas 77478 is
desirous of acquiring the entire right, title and interest in the same;
therefore, in consideration of the sum of one dollar (\$1.00), the receipt whereof is acknowledged, 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 throughout the world and the entire right, title and
interest in and to any and all patents which may be granted therefor in the United States and throughout the
world. 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 its sole use and
behoof; and for the use and behoof of its 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.
Executed this
at Broken Arrow, Oklahoma
Charle.
(Signature)
State of
Before me personally appeared saidBavid ivi. Estings: and acknowledged the foregoing instrument to be his free act and deed this
day of <u>February</u> , 20 02.
Seal TRICIA E. VAN HOOSER / Notary Public)
Seal MY COMMISSION EXPIRES (1997) the needs of the individual case.

Burden Hour Statement: This form is seminated to take 0. Fnoons to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time 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.

REEL: 012626 FRAME: 0757

PTO/SB/15 (08-00)

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ASSIGNMENT OF APPLICATION

Docket Number (Optional) 56.0623

Ota ala a a D. 1 Bill
Whereas, I, Stephen D. Hill of Pearland, Texas, hereafter
referred to as applicant, have invented certain new and useful improvements in
TUBING CONVEYED FRACTURING TOOL AND METHOD
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 15 Feb 2003, and
Whereas, Schlumberger Technology Corporation of Sugar Land, Texas USA herein referred to
"assignee" whose mailing address is 300 Schlumberger Drive, Sugar Land, Texas 77478 is
desirous of acquiring the entire right, title and interest in the same;
therefore, in consideration of the sum of one dollar (\$1.00), the receipt whereof is acknowledged, 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 throughout the world and the entire right, title and
interest in and to any and all patents which may be granted therefor in the United States and throughout the
world. 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 its sole use and
behoof; and for the use and behoof of its 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.
Executed this day of through , 20 02
at Sugar Land, Texas USA
Doohn J Will
State of _Texas
Seal TRICIA E. VAN HOOSER Notary Public

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REEL: 012626 FRAME: 0758

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ASSIGNMENT OF APPLICATION

Docket Number (Optional)

Whereas, I, Randolph J. Sheffield of Missouri City, Texas , hereafter
referred to as applicant, have invented certain new and useful improvements in
TUBING CONVEYED FRACTURING TOOL AND METHOD
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 15 FEB 2002, and
Whereas, Schlumberger Technology Corporation of Sugar Land, Texas USA herein referred to
"assignee" whose mailing address is 300 Schlumberger Drive, Sugar Land, Texas 77478 is
desirous of acquiring the entire right, title and interest in the same;
therefore, in consideration of the sum of one dollar (\$1.00), the receipt whereof is acknowledged, 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 throughout the world and the entire right, title and
interest in and to any and all patents which may be granted therefor in the United States and throughout the
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States Patent to said assignee, of the entire right, title, and interest in and to the same, for its sole use and
behoof; and for the use and behoof of its 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.
Executed this
at_Sugar Land, Texas USA
toules Suffee
(Signature)
State of Texas SS:
County of <u>Ft. Bend</u>) Randolph J. Sheffield Before me personally appeared said
and acknowledged the foregoing manufacture to
day of February , 20 02. TRICIA E VAN HOOSER (Notary Public)
Seal WY COMMISSION EXPIRES (Notary Public) MY COMMISSION EXPIRES WY COMMISSION EXPIRES
1131 AND 21 COPO'S to complete. Time will vary depending upon Officer U.S. Patent and Tradema

Burden Hour Statement: This to resist timated MAX 27. 2862 to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of the 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.

REEL: 012626 FRAME: 0759

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ASSIGNMENT OF APPLICATION

Docket Number (Optional) 56.0623

referred to as a	pplicant, have invented certain new and useful improvements in
T	JBING CONVEYED FRACTURING TOOL AND METHOD
Applica	ch an application for a United States Patent was filed on, ation Number/ ch an application for a United States Patent was executed on, and
Whereas, Sch	nlumberger Technology Corporation of Sugar Land, Texas USA herein referred t
"assignee" who	se mailing address is 300 Schlumberger Drive, Sugar Land, Texas 77478 is
desirous of acc	quiring the entire right, title and interest in the same;
therefore, in co	onsideration of the sum of one dollar (\$1.00), the receipt whereof is acknowledged, and other
good and valua	able consideration, I, the applicant, by these presents do sell, assign and transfer unto said
assignee the fu	ıll and exclusive right to the said invention throughout the world and the entire right, title and
interest in and	to any and all patents which may be granted therefor in the United States and throughout the
world. I hereby	authorize and request the Commissioner of Patents and Trademarks to issue said United
States Patent t	o said assignee, of the entire right, title, and interest in and to the same, for its sole use and
behoof; and fo	r the use and behoof of its 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 be Executed this at AIV	den made. $ \begin{array}{cccccccccccccccccccccccccccccccccc$
State of Te	(Signature)
County of L1	Howard L. McGill
and acknowlday of	Selbruary, 20 02
سيجيب	LORETTA DISTEFANO Notary Public Interpolation of the individual of time roll are lequired to complete this form should be sent to the Chief Information Officer, U.S. Patent and Told are lequired to complete this form should be sent to the Chief Information Officer, U.S. Patent and Told are lequired to complete this form should be sent to the Chief Information Officer, U.S. Patent and Told are lequired to complete this form should be sent to the Chief Information Officer, U.S. Patent and Told are lequired to complete this form should be sent to the Chief Information Officer, U.S. Patent and Told are lequired to complete. The Complete this form should be sent to the Chief Information Officer, U.S. Patent and Told are lequired to complete.

LORETTA DISTEFANO Notary Public STATE OF TEXAS My Comm. Exp. 8-24-2004

REEL: 012626 FRAME: 0760

PATENT

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Docket Number (Optional) ASSIGNMENT OF APPLICATION James M. Costley of Freeport, Texas , hereafter Whereas, I, _ referred to as applicant, have invented certain new and useful improvements in TUBING CONVEYED FRACTURING TOOL AND METHOD for which an application for a United States Patent was filed on _____ for which an application for a United States Patent was executed on _____, and Sugar Land, Texas USA herein referred to Whereas, Schlumberger Technology Corporation of "assignee" whose mailing address is 300 Schlumberger Drive, Sugar Land, Texas 77478 is desirous of acquiring the entire right, title and interest in the same; therefore, in consideration of the sum of one dollar (\$1.00), the receipt whereof is acknowledged, 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 throughout the world and the entire right, title and interest in and to any and all patents which may be granted therefor in the United States and throughout the world. 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 its sole use and behoof; and for the use and behoof of its 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. at_Sugar Land, Texas USA State of Texas County of Ft. Bend James M. Costley Before me personally appeared said __ and acknowledged the foregoing instrument to be his free act and deed this ___

TRICIA E VAN HOOSER MY COMMISSION EXPIRES The estimated to take 0.1 hours to complete. Time will vary depending upon the needs of the individual case. Any vote of the individual case is a second of the individual case. Any vote of the complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark vote of Patents of Patents. SEND TO: Assistant Commissioner of Patents Burden Hour Statement: This for comments on the amount of time your and Office, Washington, DC 20231. and Trademarks, Washington, DC 20231.

PATENT REEL: 012626 FRAME: 0761

day of **February**, 20 02.