



05-27-2003



102456340

Attorney Docket N° 60.1463/1482/1501

FORM PTO-159
1/31/92

3ET

U.S. DEPARTMENT OF COMMERCE
Patent and Trademark Office

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

1. Name of conveying party(ies):

S-21-03

**Oliver C. Mullins, Go Fujisawa, Chengli Dong, Andrew Kurkjian,
John Nighswander, Toru Terabayashi, Satoko Yoshida,
Hideki Kinjo, and Henning Groenzin**

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

3. Nature of Conveyance:

☒ Assignment ☐ Merger (of entire interest)

☐ Security Agreement ☐ Change of Name

☐ Other

Execution Date(s): **8 Jan 2003, 6 Jan 2003, 16 Dec 2002, 20 Dec 2002,
9 Dec 2002, 9 Dec 2002, 9 Dec 2002, 9 Dec 2002, and 13 Dec 2002**

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

Name: Schlumberger Technology Corporation

Internal Address: IP Law Department

Street Address: 36 Old Quarry Road

City: Ridgefield State: Connecticut ZIP: 06877-4108

Additional name(s) & address(es) attached?

☐ Yes ☒ No

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)

10/309,850

B. Patent No.(s)

Additional numbers attached? ☐ Yes ☒ No

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

Name: _____

Internal Address: Intellectual Property Law Department

Schlumberger-Doll Research

Street Address: 36 Old Quarry Road

City: Ridgefield State: CT ZIP: 06877-4108

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: 19-0615
(Attach duplicate copy of this page if
paying by deposit account)

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9. Statement and signature.

To be 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

Jody Lynn DeStefanis

Registration No. 44,653

Signature

May 19, 2003

Date

Total number of pages including cover sheet: [10]

OMB No. 0651-0011 (exp. 4/94)

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Mail documents to be recorded with required cover sheet information to:

Assistant Commissioner for Patents
MS Assignments
Washington, D.C. 20231

05/23/2003 TBI/AZ1 00000086 190615 10309850

01 FC:8021 40.00 CH

PATENT
REEL: 014089 FRAME: 0748

ASSIGNMENT

WHEREAS, I/We, **Oliver C. Mullins** (Inventor), a citizen of The United States of America, whose post office address is 48 Lewis Drive, Ridgefield, Connecticut 06877, U.S.A.; **Go Fujisawa** (Inventor), a citizen of Japan, whose post office address is 1 Beaver Brook Road, Unit #45, Danbury, Connecticut 06810, U.S.A.; **Chengli Dong** (Inventor), a citizen of China, whose post office address is 2222 Settlers Way Boulevard, #1024, Sugar Land, Texas 77478, U.S.A.; **Andrew Kurkjian** (Inventor), a citizen of the United States of America, whose post office address is 3327 Oakland Drive, Sugar Land, Texas 77479, U.S.A.; **John Nighswander** (Inventor), a citizen of Canada, whose post office address is 14 Westhill Crescent, Westhill, Aberdeenshire AB32 6AA, Scotland; **Toru Terabayashi** (Inventor), a citizen of Japan, whose post office address is at 235-10 Tana, Sagamihara-Shi, Kanagawa-Ken 229-1124, Japan; **Sotoko Yoshida** (Inventor), a citizen of Japan, whose post office address is 6-26-6-504 Haramachida, Machida-City Tokyo 194-0013, Japan; **Hideki Kinjo** (Inventor), a citizen of Japan, whose post office address is 2-5-6-401 Fujimi, Sagamihara-shi-Kanagawa-ken 229-0036, Japan; and **Henning Groenzin** (Inventor), a citizen of Germany, whose post office address is Graham Road, Lexington, Massachusetts 02420, U.S.A. have invented

DETERMINING DEW PRECIPITATION AND ONSET PRESSURE IN OILFIELD RETROGRADE CONDENSATE

as described and set forth in U. S. Patent Application, Serial Number 10/309,850 filed December 3, 2002, (Attorney Docket No. 60.1463/1482/1501).

AND WHEREAS, SCHLUMBERGER TECHNOLOGY CORPORATION, its successors and assigns (COMPANY), a corporation organized, incorporated and existing under the laws of Texas, and having a place of business at 36 Old Quarry Road, Ridgefield, CT 06877-4108, U.S.A., wants to acquire or confirm its acquisition of the entire right, title and interest in this invention, inventions or improvements, application, and any patent, both in the United States and all foreign countries;

NOW, THEREFORE, TO ALL WHOM IT MAY CONCERN, BE IT KNOWN, that I/we, the inventor(s), for good, sufficient and valuable considerations, assign, transfer and convey to the COMPANY the entire right, title and interest throughout the world, in my/our invention as described in such an application, including the right to file foreign applications under the provisions of any convention or treaty; any confirmation, divisional, continuation, continuation-in-part, or substitute application which may be filed on this invention anywhere; and any patents, certificates, utility models, reissues, extensions, additions or confirmations which may be granted anywhere for the invention, TO HAVE AND TO HOLD the same to the full end of the term or terms for which any such patent may be issued.

AND I/we authorize and request the appropriate authority to issue any related patent to the COMPANY as the assignee of the entire right, title and interest in the patent, for the sole use and benefit of the COMPANY.

AND I/we covenant and warrant that I/we have full right to convey the entire right, title and interest in this invention free and clear of all licenses, encumbrances or liens, and that I/we have not executed and will not execute any instruments in conflict with this agreement.

AND I/we agree that I/we, my/our executors, administrators, or other personal representatives, shall do whatever is legally necessary (make all rightful oaths, execute, and deliver any and all other instruments in writing, and any and all further applications, papers, powers, affidavits, assignments, disclaimers and other documents) in the opinion of counsel for the COMPANY, to secure and vest in the COMPANY, the entire right, title and interest in this invention, inventions, or improvements, application or applications, patents, rights, titles, benefits, privileges and advantages.

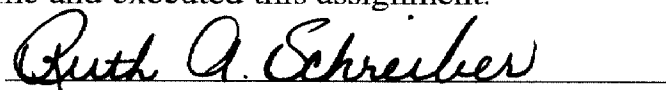
1) IN WITNESS WHEREOF, I sign this 8th day of January, 2003.



Oliver C. Mullins

STATE OF CONNECTICUT)
)
COUNTY OF FAIRFIELD)

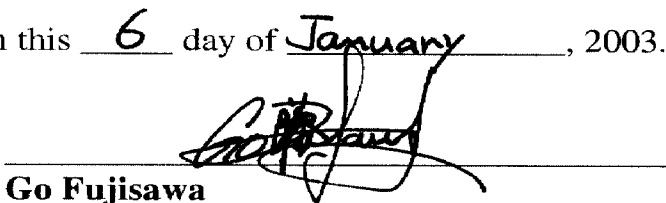
BE IT KNOWN, that on this 8th day of January, 2003,
OLIVER C. MULLINS personally appeared to me and executed this assignment.



Ruth A. Schreiber
Notary Public MY COMMISSION EXPIRES
 JULY 31, 2005

SEAL

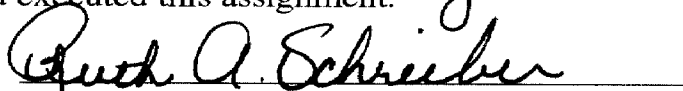
2) IN WITNESS WHEREOF, I sign this 6 day of January, 2003.



Go Fujisawa

STATE OF CONNECTICUT)
)
COUNTY OF FAIRFIELD)

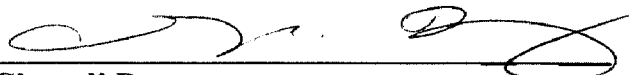
BE IT KNOWN, that on this 6th day of January, 2003,
GO FUJISAWA personally appeared to me and executed this assignment.



Ruth A. Schreiber
Notary Public MY COMMISSION EXPIRES
 JULY 31, 2005

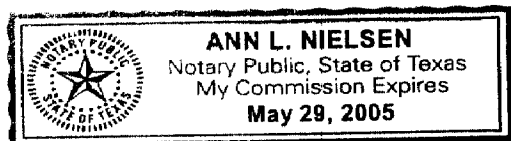
SEAL

3) IN WITNESS WHEREOF, I sign this 16 day of December, 2002.

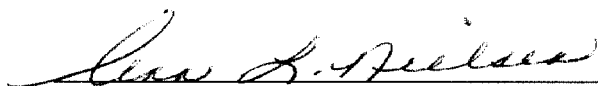

Chengli Dong

STATE OF Texas)
COUNTY OF Fort Bend)

BE IT KNOWN, that on this 16th day of December, 2002,
CHENGLI DONG personally appeared to me and executed this assignment.



SEAL


Notary Public

4)

IN WITNESS WHEREOF, I sign this 20th day of December, 2002.




Andrew Kurkjian

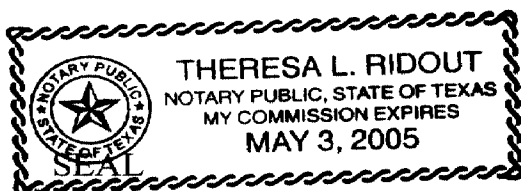
STATE OF)

COUNTY OF)

BE IT KNOWN, that on this 20th day of December, 2002,
ANDREW KURKJIAN personally appeared to me and executed this assignment.



Notary Public



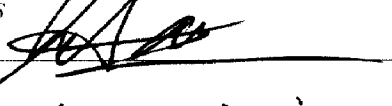
5)

IN WITNESS WHEREOF, I sign this 9th day of December, 2002.

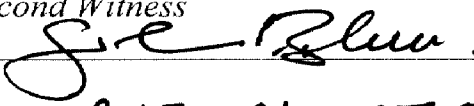

John Nighswander

WITNESSED:

BE IT KNOWN, that JOHN NIGHSWANDER, personally known to us to be the individual described in this assignment, that on this _____ day of _____, 2002, we were personally present and did see him sign and execute this assignment and that he acknowledged to us that he executed the same as his free act and deed for the uses and purposes therein set forth.

E. S. SPANUS
First Witness

WOODLANDS DRIVE

KIRK HILL IND. EST.
Post Office Address
DYCE
AB21 06W

G. BIRKETT
Second Witness

COWNE LA', COTHAM

DYCE AB21 0JN.
Post Office Address

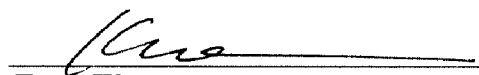
6) IN WITNESS WHEREOF, I sign this 9th day of December, 2002.



Toru Terabayashi

WITNESSED:

BE IT KNOWN, that TORU TERABAYASHI, personally known to us to be the individual described in this assignment, that on this _____ day of _____, 2002, we were personally present and did see him sign and execute this assignment and that he acknowledged to us that he executed the same as his free act and deed for the uses and purposes therein set forth.

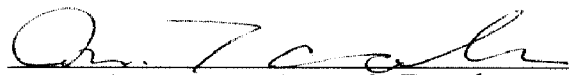


First Witness : Setsuko Kawashima
5-3-25 Tamagawa-Gakuen

Machida-shi, Tokyo

194-0041 Japan

Post Office Address



Second Witness Masami Tanaka
1-13-1-302 Higashi-Rinkan,

Sagamihara-shi, Kanagawa-ken

228-0811 Japan


Post Office Address

7) IN WITNESS WHEREOF, I sign this 9th day of December, 2002.

吉田 裕子
Satoko Yoshida

WITNESSED:

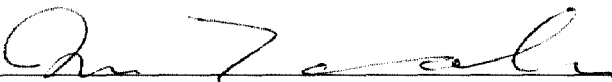
BE IT KNOWN, that SATOKO YOSHIDA, personally known to us to be the individual described in this assignment, that on this _____ day of _____, 2002, we were personally present and did see him sign and execute this assignment and that he acknowledged to us that he executed the same as his free act and deed for the uses and purposes therein set forth.


First Witness : Setsuko Kawashima
5-3-25 Tamagawa-Gakuen

Machida-shi, Tokyo

194-0041 Japan

Post Office Address


Second Witness Masami Tanaka
1-13-1-302 Higashi-Rinkan

Sagamihara-shi, Kanagawa-ken

228-0811 Japan

Post Office Address

8)


IN WITNESS WHEREOF, I sign this 9 day of December, 2002.



Hideki Kinjo

WITNESSED:

BE IT KNOWN, that HIDEKI KINJO, personally known to us to be the individual described in this assignment, that on this _____ day of _____, 2002, we were personally present and did see him sign and execute this assignment and that he acknowledged to us that he executed the same as his free act and deed for the uses and purposes therein set forth.




First Witness : Setsuko Kawashima
5-3-25 Tamagawa-Gakuen

Machida-shi, Tokyo

194-0041 Japan

Post Office Address



Second Witness Masami Tanaka
1-13-1-302 Higashi-Rinkan

Sagamihara-shi, Kanagawa-ken

228-0811 Japan

Post Office Address

9)

IN WITNESS WHEREOF, I sign this 13 day of December, 2002.

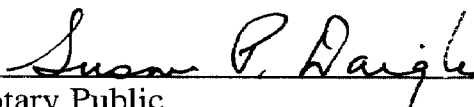


Henning Groenzin

STATE OF)

COUNTY OF)

BE IT KNOWN, that on this 13 day of December, 2002,
HENNING GROENZIN personally appeared to me and executed this assignment.



Notary Public

SEAL

SUSAN P. DAIGLE
Notary Public
My Commission Expires
June 21, 2007