

08-26-1998

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U.S. DEPARTMENT OF COMMERCE
Patent and Trademark Office

MRD 8-17-98



100802459

To the Honorable Commissioner of Patents

attached original document or copy thereof.

1. Name of conveying party(ies):

OTIS ENGINEERING CORPORATION

201 17

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

3. Nature of conveyance:

- ☐ Assignment ☒ Merger
☐ Security Agreement ☐ Change of Name
☐ Other _____

Execution Date: June 25, 1993

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

Name: HALLIBURTON COMPANYInternal Address: Legal, Intellectual Property DepartmentStreet Address: P.O. Box 819052City: Dallas State: Texas ZIP: 75381Additional 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)

B. Patent No.(s)

SEE ATTACHED

Additional numbers attached? ☒ Yes ☐ No

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

Name: William M. ImwalleInternal Address: Legal, Intellectual Property DepartmentHalliburton Energy Services, Inc.Mail Code 1-B-121Street Address: P.O. Box 819052City: Dallas State: Texas ZIP: 753816. Number of applications and patents involved: 17. Total fee (37 CFR 3.41) \$ 320.00☐ Enclosed☒ Authorized to be charged to deposit account

8. Deposit account number:

08-0300

(Attach duplicate copy of this page if paying by deposit account)

08/26/1998 TT0111 00000023 000300 5293551

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320.00 CH

DO NOT USE THIS SPACE

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.*PAUL I. HERMAN

Name of Person Signing

Signature

Date

8/12/98Total number of pages including cover sheet, attachments, and document: 3

REEL: 9396 FRAME: 0041

PATENT NUMBER	APPLICATION SERIAL NUMBER	FILING DATE	DATE ISSUED
5,293,551	07/856,543	03/24/92	03/08/94
5,179,973	07/718,568	06/20/91	01/19/93
5,133,404	07/755,770	09/06/91	07/29/92
5,117,547	07/649,325	01/31/91	06/02/92
4,630,833	06/648,084	09/07/84	12/23/86
4,582,134	06/685,627	12/24/84	04/15/86
4,312,378	06/197,045	10/15/80	01/26/82
4,310,050	06/212,573	12/03/80	01/12/82

625193

CERTIFICATE OF OWNERSHIP AND MERGER

MERGING

**HALLIBURTON GEOPHYSICAL SERVICES, INC.; HALLIBURTON
LOGGING SERVICES, INC.; OTIS ENGINEERING CORPORATION;
HGS INCORPORATED; and SIERRA GEOPHYSICS, INC.**

INTO

HALLIBURTON COMPANY

Halliburton Company, A corporation organized and existing under and by virtue of the General Corporation Law of Delaware;

DOES HEREBY CERTIFY:

FIRST: That Halliburton Company was incorporated on the 1st day of July, 1924, pursuant to the General Corporation Law of Delaware.

SECOND: That Halliburton Company owns all of the outstanding shares of the stock of Halliburton Geophysical Services, Inc., a corporation incorporated on the 28th day of December, 1950, pursuant to the General Corporation Law of Delaware; and

That Halliburton owns all of the outstanding shares of the stock of Halliburton Logging Services, Inc., a corporation incorporated on the 24th day of January, 1955, pursuant to the Texas Business Corporation Act of the State of Texas; and

That Halliburton Company owns all of the outstanding shares of the stock of Otis Engineering Corporation, a corporation incorporated on the 16th day of June, 1959, pursuant to the General Corporation Law of the State of Delaware; and

That Halliburton Company owns all of the outstanding shares of HGS Incorporated, a corporation incorporated on the 5th day of December, 1950, pursuant to the General Corporation Law of the State of Nevada; and

That Halliburton Company owns all of the outstanding shares of each class of the stock of Sierra Geophysics, Inc. a corporation incorporated on the 10th day of January, 1978, pursuant to the General Corporation Law of the State of California

THIRD: That Halliburton Company, by the following resolutions of its Board of Directors, duly adopted at a meeting held on the 18th day of May, 1993, determined to and did merge into Halliburton Company, as the surviving corporation, said Halliburton Geophysical Services, Inc.; Halliburton Logging Services, Inc.; Otis Engineering Corporation, Inc.; HGS Incorporated; and Sierra Geophysics, Inc.;

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RESOLVED, that Halliburton Company, being the owner of all of the outstanding shares of Halliburton Geophysical Services, Inc., a Delaware corporation, does hereby merge into Halliburton Company, as the surviving corporation, said Halliburton Geophysical Services, Inc., and assume all of its obligations; and further

RESOLVED, that the merger shall become effective on the first day of July, 1993, at 12:01 a.m. CDT; and further

RESOLVED, that the proper officers of this corporation be, and they hereby are, directed to make and execute a Certificate of Ownership and Merger setting forth a copy of the resolutions to merge said Halliburton Geophysical Services, Inc. and assume its liabilities and obligations, and the date of adoption thereof, and to cause the same to be filed with the Secretary of State of the State of Delaware and a certified copy recorded in the office of the Recorder of Deeds of New Castle County, Delaware; and to cause certified copies thereof to be filed in such other states and counties as may be required; and to do all acts and things whatsoever whether within or without the State of Delaware which may be in anywise necessary or proper to effect said merger.

It was further:

RESOLVED, that Halliburton Company, being the owner of all of the outstanding shares of Halliburton Logging Services, Inc., a Texas corporation, does hereby merge into Halliburton Company, as the surviving corporation, said Halliburton Logging Services, Inc. and assume all of its obligations; and further

RESOLVED, that the merger shall become effective on the first day of July, 1993, at 12:01 a.m. CDT; and further

RESOLVED, that the proper officers of this corporation be, and they hereby are, directed to make and execute a Certificate of Ownership and Merger setting forth a copy of the resolutions to merge said Halliburton Logging Services, Inc. and assume its liabilities and obligations, and the date of adoption thereof, and to cause the same to be filed with the Secretary of State of the State of Delaware and a certified copy recorded in the office of the Recorder of Deeds of New Castle County, Delaware; to make and execute Articles of Merger of Halliburton Logging Services, Inc. into Halliburton Company and cause the same to be filed with the Secretary of State of the State of Texas; and to cause certified copies of the foregoing documents to be filed in such other states and counties as may be required; and to do all acts and things

whatsoever, whether within or without the States of Delaware and Texas, which may be in anywise necessary or proper to effect said merger.

It was further:

RESOLVED, that Halliburton Company, being the owner of all of the outstanding shares of Otis Engineering Corporation, a Delaware corporation, does hereby merge into Halliburton Company, as the surviving corporation, said Otis Engineering Corporation and assume all of its obligations; and further

RESOLVED, that the merger shall be effective on the first day of July, 1993, at 12:01 a.m. CDT; and further

RESOLVED, that the proper officers of this corporation be, and they hereby are, directed to make and execute a Certificate of Ownership and Merger setting forth a copy of the resolutions to merge said Otis Engineering Corporation and assume its liabilities and obligations, and the date of adoption thereof, and to cause the same to be filed with the Secretary of State of the State of Delaware and a certified copy recorded in the office of the Recorder of Deeds of New Castle County, Delaware; and to cause certified copies thereof to be filed in such other states and counties as may be required, and to do all acts and things whatsoever, whether within or without the State of Delaware, which may be in anywise necessary or proper to effect said merger.

It was further:

RESOLVED, that Halliburton Company, being the owner of all of the outstanding shares of HGS Incorporated, a Nevada corporation, does hereby merge into Halliburton Company, as the surviving corporation, said HGS Incorporated and assume all of its obligations; and further

RESOLVED, that the merger shall become effective on the first day of July, 1993, at 12:15 a.m. CDT; and further

RESOLVED, that the proper officers of this corporation be, and they hereby are, directed to make and execute a Certificate of Ownership and Merger setting forth a copy of the resolutions to merge said HGS Incorporated and assume its liabilities and obligations, and the date of adoption thereof, and to cause the same to be filed with the Secretary of State of the State of Delaware and a certified copy recorded in the office of the Recorder of Deeds of New Castle County, Delaware; to make and execute Articles of

Merger of HGS Incorporated into Halliburton Company and cause the same to be filed with the Secretary of State of the State of Nevada; and to cause certified copies of the foregoing documents to be filed in such other states and counties as may be required; and to do all acts and things whatsoever, whether within or without the States of Delaware and Nevada, which may be in anywise necessary or proper to effect said merger.

It was further:

RESOLVED, that Halliburton Company, being the owner of all of the outstanding shares of Sierra Geophysics, Inc., a California corporation, does hereby merge into Halliburton Company, as the surviving corporation, said Sierra Geophysics, Inc. and assume all of its obligations; and further

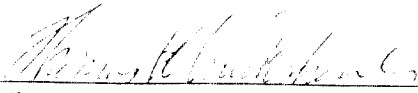
RESOLVED, that the merger shall be effective on the first day of July, 1993, at 12:01 a.m. CDT; and further

RESOLVED, that the proper officers of this corporation be, and they hereby are, directed to make and execute a Certificate of Ownership and Merger setting forth a copy of the resolutions to merge said Sierra Geophysics, Inc. and assume its liabilities and obligations, and the date of adoption thereof, and to cause the same to be filed with the Secretary of State of the State of Delaware and certified copies to be recorded in the office of the Recorder of Deeds of New Castle County, Delaware and filed with the Secretary of State of the State of California, and to cause certified copies thereof to be filed in such other states and counties as may be required; and to do all acts and things whatsoever, whether within or without the States of Delaware and California, which may be in anywise necessary or proper to effect said merger.

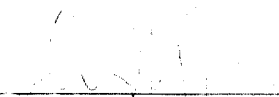
FOURTH: Anything herein or elsewhere to the contrary notwithstanding, this merger may be amended or terminated and abandoned by the Board of Directors of Halliburton Company at any time prior to the date of filing the merger with the Secretary of State.

IN WITNESS WHEREOF, said Halliburton Company has caused this Certificate to be signed by Thomas H. Cruikshank, its Chairman of the Board and Chief Executive Officer, and attested by John M. Allen, a duly elected and serving Assistant Secretary, this 24th day of June, 1993

HALLIBURTON COMPANY

BY: 
Thomas H. Cruikshank
Chairman of the Board
and Chief Executive Officer

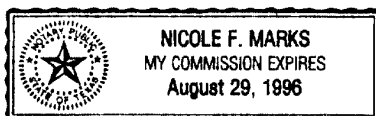
ATTEST:

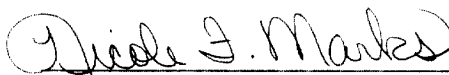
BY: 
John M. Allen
Assistant Secretary

STATE OF TEXAS)
COUNTY OF DALLAS)

BEFORE ME, the undersigned, a Notary Public in and for said State, on this day personally appeared Thomas H. Cruikshank, Chairman of the Board and Chief Executive Officer, and John M. Allen, Assistant Secretary, of Halliburton Company, a Delaware corporation, known to me to be the persons and officers whose names are subscribed to the foregoing instrument and acknowledged to me that the same was the act of said corporation for the purposes and consideration therein expressed, and in the capacity therein stated.

IN WITNESS WHEREOF, I have hereunto set my hand and seal this 24th day of June, 1993.




Notary Public, State of Texas
My commission expires: 8/29/96

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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

CHANGE OF NAME IN RECORDED ASSIGNMENTS

PARTICULARS OF ASSIGNMENTS

A list of patents assigned to Otis Engineering Corporation is set forth on the attached pages.

NEW NAME OF ASSIGNEE

The new name of the Assignee is **HALLIBURTON COMPANY**

PROOF OF NAME CHANGE

Proof of assignee's change of name is established by the attached certificate of the Secretary of State of Delaware certifying the Certificate of Ownership and Merger of Otis Engineering Corporation into Halliburton Company.

PAYMENT OF RECORDAL FEE

Please refer to the Assignment (Document) Cover Sheet to which this document is attached.



Paul I. Herman

Registration No. 37,349

Halliburton Energy Services, Inc.
P. O. Box 819052
Dallas, Texas 75381-9052

Telephone (972) 418-3571

State of Delaware
Office of the Secretary of State

I, EDWARD J. FREEL, SECRETARY OF STATE OF THE STATE OF DELAWARE, DO HEREBY CERTIFY THE ATTACHED IS A TRUE AND CORRECT COPY OF THE CERTIFICATE OF OWNERSHIP, WHICH MERGES:

"HALLIBURTON GEOPHYSICAL SERVICES, INC.", A DELAWARE CORPORATION,

"HALLIBURTON LOGGING SERVICES, INC.", A TEXAS CORPORATION,

"HGS INCORPORATED", A NEVADA CORPORATION,

"OTIS ENGINEERING CORPORATION", A DELAWARE CORPORATION,

"SIERRA GEOPHYSICS, INC.", A CALIFORNIA CORPORATION,

WITH AND INTO "HALLIBURTON COMPANY" UNDER THE NAME OF "HALLIBURTON COMPANY", A CORPORATION ORGANIZED AND EXISTING UNDER THE LAWS OF THE STATE OF DELAWARE, AS RECEIVED AND FILED IN THIS OFFICE THE TWENTY-FIFTH DAY OF JUNE, A.D. 1993, AT 11 O'CLOCK A.M.



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RECORDED: 08/17/1998

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