

01-24-2003



To the Honorable Commissioner of

102346375

1 original document or copy thereof.

1. Name of conveying party(ies):

FANN Instrument Company
15112 Morales Road
Gate 6 Rec. 110
Houston, Texas 77032

1-21-03

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

3. Nature of conveyance:

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

Execution Date: March 27, 2002

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

Name: Halliburton Energy Services, Inc.
Internal Address: Intellectual Property Department
2601 Beltline Road
Street Address: Carrollton, Texas 75006
City: _____ State: _____ ZIP: _____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)

B. Patent No.(s)

DES347799	4571988
5703278	4748849
5677478	

Additional numbers attached? ☐ Yes ☒ No

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

Name: CAROLYN SUE WALDO
Internal Address: Legal, Intellectual Property Department
Halliburton Energy Services, Inc.
Mail Code 1-B-121Street Address: 2601 Beltline Road
City: Carrollton State: Texas ZIP: 75006

6. Number of applications and patents involved:

1

FINANCIAL SECTION

JUN 21 AM 9:58

JUN 21 AM 9:58

7. Total fee (37 CFR 3.41) \$ Required Fees

☐ Enclosed☒ Authorized to be charged to deposit account

8. Deposit account number:

08-0300

01/23/2003 6TOM11 00000149 080300 BES347799

01 FC:0021 200.00 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.*CAROLYN SUE WALDO

Name of Person Signing

Signature

Carolyn Sue Waldo

Date

1/13/03

Total number of pages including cover sheet, attachments, and document: 4

**CERTIFICATE OF MERGER
OF
FANN INSTRUMENT COMPANY
WITH AND INTO
HALLIBURTON ENERGY SERVICES, INC.
(UNDER SECTION 251 OF THE GENERAL
CORPORATION LAW OF THE STATE OF DELAWARE)**

FANN INSTRUMENT COMPANY AND HALLIBURTON ENERGY SERVICES, INC. HEREBY CERTIFY THAT:

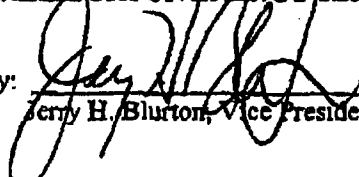
1. The name and state of incorporation of each of the constituent corporations are:
 - (A) Fann Instrument Company, a Delaware corporation (the "Acquired Corporation") and
 - (B) Halliburton Energy Services, Inc., a Delaware corporation ("HESI").
2. An Agreement and Plan of Merger (the "Merger Agreement") effective as of 10:00 a.m. March 31, 2002 by and between the Acquired Corporation and HESI has been approved, adopted, certified, executed and acknowledged by the Acquired Corporation and HESI, being each of the constituent corporations thereto, in accordance with the provisions of Section 251 of the General Corporation Law of the State of Delaware.
3. The name of the corporation surviving the merger is Halliburton Energy Services, Inc., a Delaware corporation (the "Surviving Corporation").
4. The Certificate of Incorporation of HESI, as in effect immediately prior to the effective time of the merger, shall be the Certificate of Incorporation of the Surviving Corporation.
5. An executed copy of the Merger Agreement is on file at the office of the Surviving Corporation at 4100 Clinton Drive, Houston, Texas 77020.
6. A copy of the Merger Agreement will be furnished by the Surviving Corporation, on request and without cost, to any stockholder of the Acquired Corporation or HESI.


IN WITNESS WHEREOF, Fann Instrument Company and Halliburton Energy Services, Inc. have each caused this Certificate of Merger to be signed by a duly authorized officer thereof.

FANN INSTRUMENT COMPANY

By: 
David R. Smith, Vice President

HALLIBURTON ENERGY SERVICES, INC.

By: 
Jerry H. Blurton, Vice President and Treasurer

Approved Law Department
By: 
Date: 3/28/02

STATE OF DELAWARE
SECRETARY OF STATE
DIVISION OF CORPORATIONS
FILED 11:00 AM 03/27/2002
020203491 - 0170416

EXHIBIT A

APPLICATION NUMBER	APPLICATION DATE	PATENT NUMBER	GRANT DATE
29/006186	24FE1993	DES347799	14JE1994
08/642716	03MY1996	5703278	30DE1997
08/642774	03MY1996	5677478	14OC1997
631237	16JL1984	4571988	25FE1986
10684	04FE1987	4748849	07JE1988

Delaware

PAGE 1

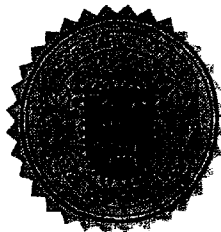
The First State

I, HARRIET SMITH WINDSOR, SECRETARY OF STATE OF THE STATE OF DELAWARE, DO HEREBY CERTIFY THE ATTACHED IS A TRUE AND CORRECT COPY OF THE CERTIFICATE OF MERGER, WHICH MERGES:

"FANN INSTRUMENT COMPANY", A DELAWARE CORPORATION,

WITH AND INTO "HALLIBURTON ENERGY SERVICES, INC." UNDER THE NAME OF "HALLIBURTON ENERGY SERVICES, INC.", A CORPORATION ORGANIZED AND EXISTING UNDER THE LAWS OF THE STATE OF DELAWARE, AS RECEIVED AND FILED IN THIS OFFICE THE TWENTY-SEVENTH DAY OF MARCH, A.D. 2002, AT 11 O'CLOCK A.M.

A FILED COPY OF THIS CERTIFICATE HAS BEEN FORWARDED TO THE NEW CASTLE COUNTY RECORDER OF DEEDS.



Harriet Smith Windsor

Harriet Smith Windsor, Secretary of State

0170416 8100M

AUTHENTICATION: 1693948

020203491

DATE: 03-28-02

PATENT

RECORDED: 01/21/2003

REEL: 013669 FRAME: 0715