

05-18-2010



103597441

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5-13-10

1. Name of conveying party(ies)

Robert Charles Southard

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

2. Name and address of receiving party(ies)

Name: Southard Drilling Technologies, L.P.

Internal Address: _____

Street Address: 2700 Post Oak Boulevard, Suite 1400

City: Houston

State: Texas

Country: US

Zip: 77056

Additional name(s) & address(es) attached? Yes No

3. Nature of conveyance/Execution Date(s):

Execution Date(s) 6 May 2010

- Assignment Merger
- Security Agreement Change of Name
- Joint Research Agreement
- Government Interest Assignment
- Executive Order 9424, Confirmatory License
- Other _____

4. Application or patent number(s):

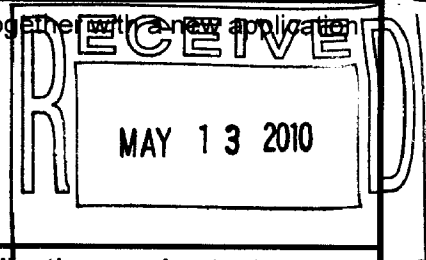
This document is being filed together with a new application

A. Patent Application No.(s)

B. Patent No.(s)

6,673,707

Additional numbers attached? Yes No



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

Name: Jacob S. Mattis

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Fax Number: (713) 355-9689

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6. Total number of applications and patents involved: 1

7. Total fee (37 CFR 1.21(h) & 3.41) \$ 40.00

- Authorized to be charged to deposit account
- Enclosed
- None required (government interest not affecting title)

8. Payment Information

Deposit Account Number _____

Authorized User Name 05 07 2010 DRYRNE 00000011 6673707

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9. Signature:

Signature

13 May 2010

Date

Name of Person Signing

Total number of pages including cover sheet, attachments, and documents: 2

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Assignment of United States Patent
(Single assignor; single assignee)

Docket No.
Southard-002:CIP

U.S. Patent No.
7,673,707

Issue Date
9 March 2010

Application Serial No.
11/904,136

Filing Date
26 September 2007

Title of Invention: **Drilling Apparatus and System for Drilling Wells**

Owner of Record (hereinafter "Assignor")

Residence or Principal Place of Business of Assignor

Robert Charles Southard

**2700 Post Oak Boulevard, Suite 1400
Houston, Texas 77056
US**

Assignee

Residence or Principal Place of Business of Assignee

Southard Drilling Technologies, L.P.

**2700 Post Oak Boulevard, Suite 1400
Houston, Texas 77056
US**

Whereas, the above-identified Assignor is the sole owner of record of the above-identified United States Patent, and;

Whereas, the above-identified Assignee is desirous of acquiring the entire right, title and interest in the same;

Now, therefore, in consideration of the sum of One dollars (\$1.00) and other good and valuable consideration, the receipt whereof is hereby acknowledged, Assignor, by these presents does sell, assign and transfer unto said Assignee the entire right, title and interest in and to said Patent; the same to be held and enjoyed by said Assignee for its own use and behoof, and for its legal representatives and assigns, to the full end of the term for which said Patent is granted, as fully and entirely as the same would have been held by Assignor had this assignment not been made.

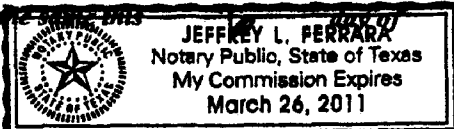
Executed this 6 day of May, in the year 2010
at Harris County, Texas.

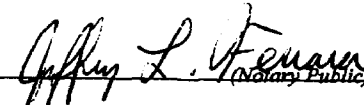

Signature of Assignor (or of authorized signatory if Assignor is a corporation, partnership or association)

State of Texas

County of Harris

Before me personally appeared Robert C. Southard
who acknowledged the foregoing instrument to be a free act and deed and also represented that he or she is authorized to execute May, in the year 2010.




Jeffrey L. Ferrara
(Notary Public)

CERTIFICATE OF MAILING BY "EXPRESS MAIL" (37 CFR 1.10)Applicant(s): **Robert Charles Southard**

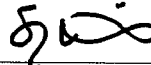
Docket No.

Southard-002:CIPSerial No.
11/904,136Filing Date
26 September 2007Examiner
William P. NeuderGroup Art Unit
3672Invention: **Drilling Apparatus and System for Drilling Wells**

I hereby certify that the following correspondence:

Transmittal Letter (General - Patent Pending) and all documents referenced therein*(Identify type of correspondence)*

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13 May 2010*(Date)***Suzanne M. Bonito***(Typed or Printed Name of Person Mailing Correspondence)**(Signature of Person Mailing Correspondence)***EM 481314714 US***("Express Mail" Mailing Label Number)***Note: Each paper must have its own certificate of mailing.**

**TRANSMITTAL LETTER
(General - Patent Issued)**

Docket No.
Southard-002:CIP

Patentee(s):

Robert Charles Southard

U.S. Patent No.

7,673,707

Issue Date

9 March 2010

Title: **Drilling Apparatus and System for Drilling Wells**

TO THE ASSISTANT COMMISSIONER FOR PATENTS:

Transmitted herewith is:

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Dated: 13 May 2010

Jacob S. Mattis (Reg. No. 58,833)
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P17A/REV02

RECORDED: 05/13/2010

PATENT
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