

11-03-2000



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**RECORDATION FORM COVER SHEET  
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**Submission Type**

- ☒ New  
☐ Resubmission (Non-Recordation)  
Document ID#   
☐ Correction of PTO Error  
Reel #  Frame #   
☐ Corrective Document  
Reel #  Frame #

**Conveyance Type**

- ☒ Assignment ☐ Security Agreement  
☐ License ☐ Change of Name  
☐ Merger ☐ Other   
**U.S. Government**  
(For Use ONLY by U.S. Government Agencies)  
☐ Departmental File ☐ Secret File

**Conveying Party(ies)**

- ☒ Mark if additional names of conveying parties attached  
Execution Date  
Month Day Year  
9 20 2000

Name (line 1) David Hamilton

Name (line 2)

**Second Party**

Name (line 1) Walter Castleberry

Execution Date  
Month Day Year  
9 20 2000

Name (line 2)

**Receiving Party**

☐ Mark if additional names of receiving parties attached

Name (line 1) Schlumberger Resource Management Services, Inc.

Name (line 2)

Address (line 1) 5430 Metric Place, Building 300

Address (line 2)

Address (line 3) Norcross

City

Georgia

State/Country

30092-2550

Zip Code

☐ If document to be recorded is an assignment and the receiving party is not domiciled in the United States, an appointment of a domestic representative is attached. (Designation must be a separate document from Assignment.)

**Domestic Representative Name and Address**

Enter for the first Receiving Party only.

Name

Address (line 1)

Address (line 2)

Address (line 3)

Address (line 4)

11/02/2000 JJALLAH2 00000024 041403 09602038

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Commissioner of Patents and Trademarks, Box Assignments, Washington, D.C. 20231

**PATENT**  
**REEL: 011193 FRAME: 0532**

**Correspondent Name and Address**

Area Code and Telephone Number **864-271-1592**

Name **Tim F. Williams**

Address (line 1) **DORITY & MANNING, P.A.**

Address (line 2) **Post Office Box 1449**

Address (line 3) **Greenville, South Carolina 29602-1449**

Address (line 4)

**Pages**

Enter the total number of pages of the attached conveyance document including any attachments.

# **5**

**Application Number(s) or Patent Number(s)**

☐ Mark if additional numbers attached

Enter either the Patent Application Number or the Patent Number (DO NOT ENTER BOTH numbers for the same property).

**Patent Application Number(s)**

**Patent Number(s)**

**09/602,038**

If this document is being filed together with a new Patent Application, enter the date the patent application was signed by the first named executing inventor.

Month Day Year

**Patent Cooperation Treaty (PCT)**

Enter PCT application number

only if a U.S. Application Number  
has not been assigned.

PCT  PCT  PCT

PCT  PCT  PCT

**Number of Properties**

Enter the total number of properties involved.

#

**Fee Amount**

Fee Amount for Properties Listed (37 CFR 3.41): \$ **40.00**

Method of Payment:

Enclosed ☒

Deposit Account ☐

Deposit Account

(Enter for payment by deposit account or if additional fees can be charged to the account.)

Deposit Account Number:

# **04-1403**

Authorization to charge additional fees:

Yes ☒

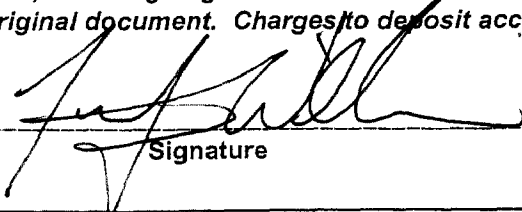
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**Statement and Signature**

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. Charges to deposit account are authorized, as indicated herein.

**Tim F. Williams, Esq.**

Name of Person Signing



Signature

**10/3/2000**

Date

RECORDATION FORM COVER SHEET  
CONTINUATION  
PATENTS ONLY

U.S. Department of Commerce  
Patent and Trademark Office  
**PATENT**

**Conveying Party(ies)**

☒ Mark if additional names of conveying parties attached

Enter additional Conveying Parties

Name (line 1) John Scarborough

Execution Date  
Month Day Year

9 20 2000

Name (line 2)

Execution Date  
Month Day Year

Name (line 1)

Name (line 2)

Execution Date  
Month Day Year

Name (line 1)

Name (line 2)

**Receiving Party(ies)**

☐ Mark if additional names of receiving parties attached

Enter additional Receiving Party(ies)

Name (line 1)

Name (line 2)

Address (line 1)

Address (line 2)

Address (line 3)

City

State/Country

Zip Code

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Name (line 1)

Name (line 2)

Address (line 1)

Address (line 2)

Address (line 3)

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State/Country

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**Application Number(s) or Patent Number(s)**

☐ Mark if additional numbers attached

Enter either the Patent Application Number or the Patent Number (DO NOT ENTER BOTH numbers for the same property).

Patent Application Number(s)

Patent Number(s)

09/602,038

**ASSIGNMENT**

**WHEREAS**, WE, DAVID HAMILTON, a citizen of the United States, residing at 2261 Longwood Drive, Auburn, Alabama, 36830, WALTER CASTLEBERRY, a citizen of the United States, residing at 787 Stableway Road, Pike Road, Alabama, 36064, and JOHN SCARBOROUGH, a citizen of the United States, residing at 1670 Millbranch Dr., Auburn, Alabama, 36832, (hereinafter also referenced collectively as the "Inventors"), have invented certain new and useful improvements in METHOD AND APPARATUS FOR DETERMINING THE DIRECTION AND RATE OF ROTATING ELEMENT as described and set forth in an application for Letters Patent of the United States of America, as filed on June 23, 2000 and assigned Application Serial Number 09/602,038;

**AND WHEREAS**, SCHLUMBERGER RESOURCE MANAGEMENT SERVICES, INC., hereinafter referred to as the "said COMPANY" a corporation duly organized, incorporated and existing under the laws of DELAWARE, and having a place of business at 5430 METRIC PLACE, BLDG. 300, NORCROSS, GEORGIA 30092-2550, is desirous of acquiring or confirming its ownership of the entire right, title and interest in and to said invention, inventions or improvements, and in and to said application, and in and to any and all patents, both of the United States and of all foreign countries, that may be obtained therefor;

**NOW, THEREFORE, TO ALL WHOM IT MAY CONCERN, BE IT KNOWN**, that we, the Inventors, for good and valuable considerations, the receipt and sufficiency of which we

hereby acknowledge, have sold, assigned, transferred and conveyed, and by this assignment, do sell, assign, transfer and convey, unto said COMPANY, its successors and assigns, the entire right, title and interest throughout the world, in and to our invention, inventions or improvements described or set forth in said application, in any form or embodiment thereof, and in and to said application, and in and to any applications filed in any foreign country based thereon, including the right to file foreign applications under the provisions of any convention or treaty; and in and to any confirmation, divisional, continuation, continuation-in-part or substitute application which may be filed on said invention, inventions or improvements in the United States or in any foreign country; and in and to any and all patents, certificates, utility models, reissues, extensions, additions or confirmations thereof which may be granted in the United States or in any foreign country upon said invention, inventions or improvements, TO HAVE AND TO HOLD the same to the full end of the term or terms for which any and all such United States and foreign patents and grants may be issued on said invention, inventions, or improvements.

**AND WE** do hereby authorize and request the issuing authority to issue any and all of said United States and foreign patents on said application or applications to said COMPANY, its successors and assigns, as the assignee of the entire right, title and interest in and to the same, for the sole use and benefit of said COMPANY, its successors and assigns.

hereby acknowledge, have sold, assigned, transferred and conveyed, and by this assignment, do sell, assign, transfer and convey, unto said COMPANY, its successors and assigns, the entire right, title and interest throughout the world, in and to our invention, inventions or improvements described or set forth in said application, in any form or embodiment thereof, and in and to said application, and in and to any applications filed in any foreign country based thereon, including the right to file foreign applications under the provisions of any convention or treaty; and in and to any confirmation, divisional, continuation, continuation-in-part or substitute application which may be filed on said invention, inventions or improvements in the United States or in any foreign country; and in and to any and all patents, certificates, utility models, reissues, extensions, additions or confirmations thereof which may be granted in the United States or in any foreign country upon said invention, inventions or improvements, TO HAVE AND TO HOLD the same to the full end of the term or terms for which any and all such United States and foreign patents and grants may be issued on said invention, inventions, or improvements.

**AND WE** do hereby authorize and request the issuing authority to issue any and all of said United States and foreign patents on said application or applications to said COMPANY, its successors and assigns, as the assignee of the entire right, title and interest in and to the same, for the sole use and benefit of said COMPANY, its successors and assigns.

AND WE do hereby covenant and warrant that we have full right to convey the entire right, title and interest herein assigned free and clear of all licenses, encumbrances and liens whatsoever, and that we have not executed and will not execute any instruments in conflict herewith.

AND WE, for the consideration aforesaid, do hereby covenant and agree to and with the said COMPANY, its successors and assigns, that we, our heirs, executors, administrators, or other personal representatives, shall and will do all lawful acts and things, make all rightful oaths, and make, execute and deliver any and all other instruments in writing, and any and all further applications, papers, power, affidavits, assignments, disclaimers and other documents, which in the opinion of counsel for said COMPANY, its successors and assigns, may be required or necessary in this or in any foreign country more effectually to secure to and vest in said COMPANY, its successors and assigns, the entire right, title and interest in and to said invention, inventions or improvements, application or applications, patents, rights, titles, benefits, privileges and advantages hereby sold, assigned, confirmed, transferred and conveyed.

This **ASSIGNMENT** executed on the date or dates indicated below.

9-20-00  
DATE

  
DAVID HAMILTON

STATE OF ALABAMA )  
 ) ss.  
COUNTY OF ELmore )

On this 20<sup>th</sup> day of September, 2000,  
appeared before me DAVID HAMILTON, to me identified as the  
individual referred to in the foregoing instrument, and he  
acknowledged to me that he executed same as his free act and  
deed for the uses and purposes therein set forth.

Sonya K. Sugg  
NOTARY PUBLIC

[SEAL]

MY COMMISSION EXPIRES:

Date: NOTARY PUBLIC STATE OF ALABAMA AT LARGE  
MY COMMISSION EXPIRES: Jan 26, 2004  
BONDED THRU NOTARY PUBLIC UNDERWRITERS

9/20/2000  
DATE

Walter Castleberry  
WALTER CASTLEBERRY

STATE OF Alabama )  
COUNTY OF Elmore ) ss.

On this 20<sup>th</sup> day of September, 2000,  
appeared before me WALTER CASTLEBERRY me identified as the  
individual referred to in the foregoing instrument, and he  
acknowledged to me that he executed same as his free act and  
deed for the uses and purposes therein set forth.

Sonya K. Sugg  
NOTARY PUBLIC

[SEAL]

MY COMMISSION EXPIRES:

Date: NOTARY PUBLIC STATE OF ALABAMA AT LARGE  
MY COMMISSION EXPIRES: Jan 26, 2004  
BONDED THRU NOTARY PUBLIC UNDERWRITERS



Date: 9-20-00

9/20/00  
DATE

  
JOHN SCARBOROUGH

STATE OF Alabama

COUNTY OF Elmore

)  
) SS.  
)

On this 20th day of September, 2000,  
appeared before me JOHN SCARBOROUGH to me identified as the  
individual referred to in the foregoing instrument, and he  
acknowledged to me that he executed same as his free act and  
deed for the uses and purposes therein set forth.

  
NOTARY PUBLIC

[SEAL]

MY COMMISSION EXPIRES:

NOTARY PUBLIC STATE OF ALABAMA AT LARGE  
MY COMMISSION EXPIRES: Jan 26, 2004  
Date: BONDED THRU NOTARY PUBLIC UNDERWRITERS