

PATENT ASSIGNMENT

Electronic Version v1.1

Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	CHANGE OF NAME
CONVEYING PARTY DATA	
Name	Execution Date
ReedHycalog Operating, L.P.	01/22/2003
RECEIVING PARTY DATA	
Name:	ReedHycalog, L.P.
Street Address:	400 N. Sam Houston Pkwy E. #900
Internal Address:	Grant Prideco
City:	Houston
State/Country:	TEXAS
Postal Code:	77060
PROPERTY NUMBERS Total: 1	
Property Type	Number
Patent Number:	5988302
CORRESPONDENCE DATA	
Fax Number:	(281)878-5720
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>	
Phone:	2818785655
Email:	jayne.sipl@grantprideco.com
Correspondent Name:	Jayne Sippl
Address Line 1:	400 N Sam Houston Pkwy E #900
Address Line 2:	Grant Prideco
Address Line 4:	Houston, TEXAS 77060
NAME OF SUBMITTER:	Jayne Sippl
Total Attachments: 2 source=RH Operating into RH LP#page1.tif source=RH Operating into RH LP#page2.tif	

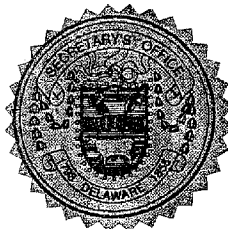
CH 5988302 \$40.00

Delaware

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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 AMENDMENT OF "REED-HYCALOG OPERATING, L.P.", CHANGING ITS NAME FROM "REED-HYCALOG OPERATING, L.P." TO "REEDHYCALOG, L.P.", FILED IN THIS OFFICE ON THE TWENTY-SECOND DAY OF JANUARY, A.D. 2003, AT 3 O'CLOCK P.M.



Harriet Smith Windsor
Harriet Smith Windsor, Secretary of State

✓
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AUTHENTICATION: 2222707

DATE: 01-24-03
PATENT
REEL: 016004 FRAME: 0510

**CERTIFICATE OF AMENDMENT
TO THE
CERTIFICATE OF LIMITED PARTNERSHIP**

Pursuant to the provisions of § 17-702 of the Delaware Revised Uniform Limited Partnership Act, the undersigned limited partnership desires to amend its certificate of limited partnership and for that purpose submits the following certificate of amendment.

1. Name. The name of the limited partnership is Reed-Hycalog Operating, L.P.
2. The First Article of the Certificate of Limited Partnership is amended to read in its entirety as follows:

"FIRST. The name of the limited partnership formed hereby is ReedHycalog, L.P."

Executed this 22 day of January, 2003.

Reed-Hycalog L.L.C.
Sole General Partner of Reed-Hycalog Operating, L.P.

By: _____


Name: Philip A. Choyce
Title: Vice President