

Correspondent Name and Address

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Address (line 2)

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Pages

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

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)

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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 <input type="text"/>	PCT <input type="text"/>	PCT <input type="text"/>
PCT <input type="text"/>	PCT <input type="text"/>	PCT <input type="text"/>

Number of Properties

Enter the total number of properties involved. #

Fee Amount

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

Method of Payment: Enclosed Deposit Account

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

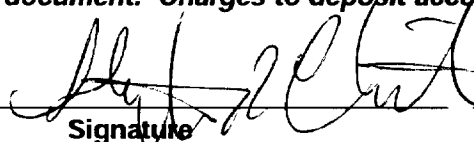
Deposit Account Number: #

Authorization to charge additional fees: Yes No

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.

Stephen R. Christian
Name of Person Signing


Signature

09/03/98
Date

RECORDATION FORM COVER SHEET
CONTINUATION
PATENTS ONLY

Conveying Party(ies)

Mark if additional names of conveying parties attached

Enter additional Conveying Parties

Execution Date
Month Day Year

Name (line 1) Kevin T. Berscheidt

09 03 98

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)

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.)

Name (line 2)

Address (line 1)

Address (line 2)

Address (line 3) City State/Country Zip Code

Name (line 1)

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.)

Name (line 2)

Address (line 1)

Address (line 2)

Address (line 3) City State/Country Zip Code

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)

ASSIGNMENT

WHEREAS, we, YUSHENG YUAN of HOUSTON, HARRIS COUNTY, TEXAS; DOUGLAS W. DAVISON of PEARLAND, BRAZORIA COUNTY, TEXAS, and KEVIN T. BERSCHIEDT of DUNCAN, STEPHENS COUNTY, OKLAHOMA, have invented CHIP RESISTANT BUTTONS FOR DOWNHOLE TOOLS HAVING SLIP ELEMENTS for which we have made application for Letters Patent of the United States; and

WHEREAS, HALLIBURTON ENERGY SERVICES, INC., a Delaware Corporation, having a place of business at Duncan, Stephens County, Oklahoma, is desirous of acquiring an interest therein:

NOW, THEREFORE, in consideration of one dollar, the receipt of which is hereby acknowledged, and other good and valuable consideration, we, YUSHENG YUAN, DOUGLAS W. DAVISON and KEVIN T. BERSCHIEDT, by these presents do sell, assign, and transfer unto HALLIBURTON ENERGY SERVICES, INC., its successors and assigns, the full and exclusive right, for the United States of America and its territorial possessions and for any and all foreign countries, in and to the said invention, as described in the application filed January 9, 1998, Serial Number 09/005,635, and any divisional, continuing or reissue application based on the present invention, preparatory to obtaining Letters Patent of the United States therefor; said invention, application, and any and all Letters Patent issuing therefor to be held and enjoyed by the said HALLIBURTON ENERGY SERVICES, INC., for its own use and behoof, and for its legal representatives, successors and assigns, to the full end of the term for which said Letters Patent may be granted as fully and entirely as the same would have been held by us had this assignment and sale not been made.

AND we do further agree to sign all papers, make all rightful oaths and do all requisite acts for the filing of any disclaimer or for the filing and assignment of any divisional, continuing or reissue application or applications for patent based on the present application, as well as for any other U.S. or foreign application for patent which relates to the said invention.

AND we do further agree to communicate to HALLIBURTON ENERGY SERVICES, INC., its successors, assigns or other legal representatives, such facts relating to the invention disclosed in the present application or Letters Patent issuing thereon as may be known to us, and to testify as to such facts in any interference or other litigation.

EXECUTED by the undersigned on the dates indicated:

Yusheng Yuan
YUSHENG YUAN

8/18, 1998
DATE

Douglas W. Davison
DOUGLAS W. DAVISON

8/26/1998
DATE

Kevin Berscheidt
KEVIN T. BERSCHIEDT

9/3/98
DATE

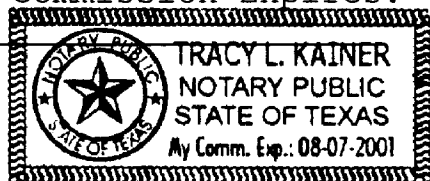
STATE OF TEXAS)
COUNTY OF Harris) ss.

Be it remembered, that on this 18th day of August, A.D. 1998, before me a notary public in and for said State, personally appeared YUSHENG YUAN to me known to be the identical persons described in and who executed the within and foregoing instrument and acknowledged to me that they executed the same as their free and voluntary act and deed for the uses and purposes therein set forth.

In witness whereof, I have hereunto set my official signature and affixed my notarial seal, the day and year first above written.

Tracy L. Kainer
Notary Public in and for the
State of Texas

My Commission Expires:



STATE OF TEXAS)
) ss.
COUNTY OF Harris)

Be it remembered, that on this 26th day of August, A.D. 1998, before me a notary public in and for said State, personally appeared DOUGLAS W. DAVISON to me known to be the identical persons described in and who executed the within and foregoing instrument and acknowledged to me that they executed the same as their free and voluntary act and deed for the uses and purposes therein set forth.

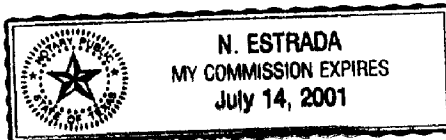
In witness whereof, I have hereunto set my official signature and affixed my notarial seal, the day and year first above written.

N. Estrada

Notary Public in and for the
State of Texas

My Commission Expires:

July 14, 2001



STATE OF OKLAHOMA)
) ss.
COUNTY OF STEPHENS)

Be it remembered, that on this 3rd day of September, A.D. 1998, before me a notary public in and for said State, personally appeared KEVIN T. BERSCHIEDT to me known to be the identical persons described in and who executed the within and foregoing instrument and acknowledged to me that they executed the same as their free and voluntary act and deed for the uses and purposes therein set forth.

In witness whereof, I have hereunto set my official signature and affixed my notarial seal, the day and year first above written.

Sheila D. Sibbs

Notary Public in and for the
State of Oklahoma

My Commission Expires:

October 3, 2000