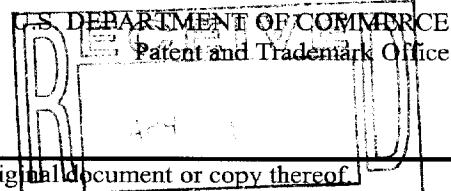


04-29-1999

FORM PTO-1595



101023810
RECORDATION FORM COVER SHEET
PATENTS ONLY



To the Honorable Commissioner of Patents and Trademarks: Please record the attached original document or copy thereof.

Md 4.26.99

1. Name of conveying party(ies):
John Charles Welch
Allen Gabrysch
Benn Voll
Brett Collins
Michael A. Jarrett
Cedric Nix
Additional Name(s) of conveying party(ies) attached?
 Yes No

2. Name and address of receiving party(ies):
Name: **Baker Hughes Incorporated**
Address: **3900 Essex Lane, Suite 1100**
City: **Houston** State: **Texas** ZIP: **77027**

3. Nature of conveyance:
 Assignment Merger
 Security Agreement Change of Name
 Other
Execution Dates: **April 8 and April 12, 1999**

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)
09/247,168

B. Patent No.(s)

Additional numbers attached? Yes No

5. Name and address of party to whom correspondence concerning documents should be mailed:
Name: **David L. Mossman**
Internal Address: **Madan & Morris, P.C.**
2603 Augusta Drive, Suite 700
Mailing Address: **Same**
City: **Houston** State: **Texas** ZIP: **77057-5640**

6. Total number of applications and patents involved: **[1]**
7. Total fee (37 CFR 1.21(h)): **\$40.00**
 Enclosed: Check No. _____
 Charge Deposit Account
8. Deposit account number: **02-0429 (304-10564US)**
(Attach duplicate copy of this page if paying by deposit account)

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.

Steven G. Morgan

Name of Person Signing

Signature

April 22, 1999

Date

Total number of pages including cover sheet, attachments, and document: **[9]**
Do not detach this portion

Mail documents to be recorded with required cover sheet information to:

04/30/1999 DMGUYEN 00000027 020429 09247168
01 FC:581 40.00 CH

COMMISSIONER OF PATENTS AND TRADEMARKS
BOX ASSIGNMENT
WASHINGTON DC 20231

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ASSIGNMENT

IN CONSIDERATION OF ONE (1) DOLLAR AND OTHER GOOD AND VALUABLE CONSIDERATION, the receipt, sufficiency and adequacy of which are hereby acknowledged, the undersigned, do/does hereby:

SELL, ASSIGN AND TRANSFER to **BAKER HUGHES INCORPORATED**, having a place of business at **3900 ESSEX LANE, SUITE 1100, HOUSTON, TEXAS 77027**, our entire right, title and interest for the United States and all foreign countries in and to any and all inventions and improvements which are disclosed in the application for United States Letters Patent, which has been executed by the undersigned and is entitled "**APPLICATION OF ALUMINUM CHLOROHYDRATE IN VISCOSIFYING BRINE FOR CARRYING PROPPANTS IN GRAVEL PACKING**", (further identified as Serial No. 09/247,168) such application and all divisional, continuing, substitute, renewal, reissue and all other applications for patent which have been or shall be filed in the United States and all foreign countries on any of such inventions or improvements; all original and reissued patents which have been or shall be issued in the United States and all foreign countries on such inventions or improvements; and specifically including the right to file foreign applications under the provisions of any convention or treaty and claim priority based on such application in the United States;

AUTHORIZE AND HEREBY REQUEST the issuing authorities to issue any and all United States and foreign patents granted on such inventions or improvements to **BAKER HUGHES INCORPORATED**;

WARRANT AND COVENANT that no assignment, grant, mortgage, license or other agreement affecting the rights and property herein conveyed has been or will be made to others by the undersigned, and that the full right to convey the same as herein expressed is possessed by the undersigned;

COVENANT, when requested and at the expense of the Assignee, to carry out in good faith the intent and purposes of this assignment, the undersigned will execute all divisional, continuing, substitute, renewal, reissue, and all other patent applications on any and all such improvements; execute all rightful oaths, declarations, assignments, powers of attorney and other papers; communicate to the Assignee all facts known to the undersigned relating to such improvements and the history thereof; and generally do everything possible which the Assignee shall consider desirable for vesting title to such improvements in the Assignee, and for securing, maintaining and enforcing proper patent protection for such improvements;

TO BE BINDING on the heirs, assigns, representatives and successors of the undersigned and extend to the successors, assigns and nominees of the Assignee.

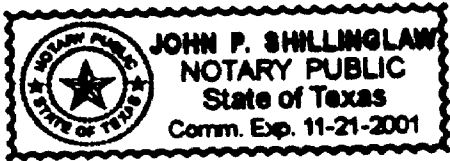
◆◆◆◆

IN WITNESS WHEREOF, the undersigned has hereunto subscribed his name on the date set opposite his signature

(Signature) John Charles Welch Date 4/12/99
Name: John Charles Welch

STATE OF: TEXAS §
COUNTY OF: HARRIS §

BEFORE ME, the undersigned authority, on this 12th day of April, 1999 personally appeared **John Charles Welch** and acknowledged to me that he executed the same of his own free will for the purposes and consideration therein expressed.



John P. Shillinglaw
Notary Public

◆◆◆◆

IN WITNESS WHEREOF, the undersigned has hereunto subscribed his name on the date set opposite his signature

(Signature) _____ Date _____
Name: Allen Gabrysch

STATE OF: _____ §
COUNTY OF: _____ §

BEFORE ME, the undersigned authority, on this _____ day of _____, 1999 personally appeared **Allen Gabrysch** and acknowledged to me that he executed the same of his own free will for the purposes and consideration therein expressed.

Notary Public



IN WITNESS WHEREOF, the undersigned has hereunto subscribed his name on the date set opposite his signature

(Signature) _____ Date _____
Name: **Benn Voll**

STATE OF: _____ §
COUNTY OF: _____ §

BEFORE ME, the undersigned authority, on this _____ day of _____, 1999 personally appeared **Benn Voll** and acknowledged to me that he executed the same of his own free will for the purposes and consideration therein expressed.

Notary Public



IN WITNESS WHEREOF, the undersigned has hereunto subscribed his name on the date set opposite his signature

(Signature) _____ Date _____
Name: **Brett Collins**

STATE OF: _____ §
COUNTY OF: _____ §

BEFORE ME, the undersigned authority, on this _____ day of _____, 1999 personally appeared **Brett Collins** and acknowledged to me that he executed the same of his own free will for the purposes and consideration therein expressed.

Notary Public



IN WITNESS WHEREOF, the undersigned has hereunto subscribed his name on the date set opposite his signature

(Signature) _____ Date _____
Name: **Michael A. Jarrett**

STATE OF: _____ §
COUNTY OF: _____ §

BEFORE ME, the undersigned authority, on this _____ day of _____, 1999 personally appeared **Michael A. Jarrett** and acknowledged to me that he executed the same of his own free will for the purposes and consideration therein expressed.

Notary Public



IN WITNESS WHEREOF, the undersigned has hereunto subscribed his name on the date set opposite his signature

(Signature) _____ Date _____
Name: **Cedric Nix**

STATE OF: _____ §
COUNTY OF: _____ §

BEFORE ME, the undersigned authority, on this _____ day of _____, 1999 personally appeared **Cedric Nix** and acknowledged to me that he executed the same of his own free will for the purposes and consideration therein expressed.

Notary Public

ASSIGNMENT

IN CONSIDERATION OF ONE (1) DOLLAR AND OTHER GOOD AND VALUABLE CONSIDERATION, the receipt, sufficiency and adequacy of which are hereby acknowledged, the undersigned, do/does hereby:

SELL, ASSIGN AND TRANSFER to **BAKER HUGHES INCORPORATED**, having a place of business at **3900 ESSEX LANE, SUITE 1100, HOUSTON, TEXAS 77027**, our entire right, title and interest for the United States and all foreign countries in and to any and all inventions and improvements which are disclosed in the application for United States Letters Patent, which has been executed by the undersigned and is entitled "**APPLICATION OF ALUMINUM CHLOROHYDRATE IN VISCOSIFYING BRINE FOR CARRYING PROPPANTS IN GRAVEL PACKING**", (further identified as Serial No. 09/247,168) such application and all divisional, continuing, substitute, renewal, reissue and all other applications for patent which have been or shall be filed in the United States and all foreign countries on any of such inventions or improvements; all original and reissued patents which have been or shall be issued in the United States and all foreign countries on such inventions or improvements; and specifically including the right to file foreign applications under the provisions of any convention or treaty and claim priority based on such application in the United States;

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WARRANT AND COVENANT that no assignment, grant, mortgage, license or other agreement affecting the rights and property herein conveyed has been or will be made to others by the undersigned, and that the full right to convey the same as herein expressed is possessed by the undersigned;

COVENANT, when requested and at the expense of the Assignee, to carry out in good faith the intent and purposes of this assignment, the undersigned will execute all divisional, continuing, substitute, renewal, reissue, and all other patent applications on any and all such improvements; execute all rightful oaths, declarations, assignments, powers of attorney and other papers; communicate to the Assignee all facts known to the undersigned relating to such improvements and the history thereof; and generally do everything possible which the Assignee shall consider desirable for vesting title to such improvements in the Assignee, and for securing, maintaining and enforcing proper patent protection for such improvements;

TO BE BINDING on the heirs, assigns, representatives and successors of the undersigned and extend to the successors, assigns and nominees of the Assignee.

◆◆◆◆

IN WITNESS WHEREOF, the undersigned has hereunto subscribed his name on the date set opposite his signature

(Signature) _____
Name: **John Charles Welch**

Date _____

STATE OF: _____ §
COUNTY OF: _____ §

BEFORE ME, the undersigned authority, on this _____ day of _____, 1999 personally appeared **John Charles Welch** and acknowledged to me that he executed the same of his own free will for the purposes and consideration therein expressed.

Notary Public

◆◆◆◆

IN WITNESS WHEREOF, the undersigned has hereunto subscribed his name on the date set opposite his signature

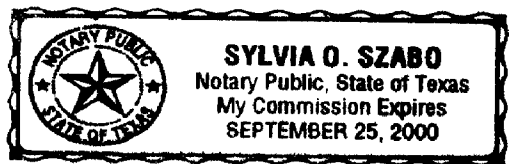
(Signature) *Allen Gabrysch*
Name: **Allen Gabrysch**

Date *4/12/99*

STATE OF: TEXAS §
COUNTY OF: HARRIS §

BEFORE ME, the undersigned authority, on this 12th day of April, 1999 personally appeared **Allen Gabrysch** and acknowledged to me that he executed the same of his own free will for the purposes and consideration therein expressed.

Sylvia O Szabo
Notary Public



◆◆◆◆

IN WITNESS WHEREOF, the undersigned has hereunto subscribed his name on the date set opposite his signature

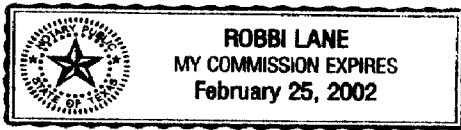
(Signature) *Benn Voll*
Name: **Benn Voll**

Date 4/8-99

STATE OF: TEXAS §
COUNTY OF: HARRIS §

BEFORE ME, the undersigned authority, on this 8 day of April, 1999 personally appeared **Benn Voll** and acknowledged to me that he executed the same of his own free will for the purposes and consideration therein expressed.

Robbi Lane
Notary Public



◆◆◆◆

IN WITNESS WHEREOF, the undersigned has hereunto subscribed his name on the date set opposite his signature

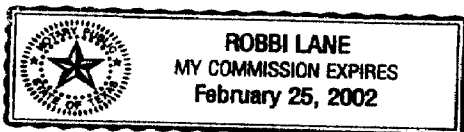
(Signature) *Brett Collins*
Name: **Brett Collins**

Date 4/8/99

STATE OF: TEXAS §
COUNTY OF: HARRIS §

BEFORE ME, the undersigned authority, on this 8 day of APR. 1, 1999 personally appeared **Brett Collins** and acknowledged to me that he executed the same of his own free will for the purposes and consideration therein expressed.

Robbi Lane
Notary Public



◆◆◆◆

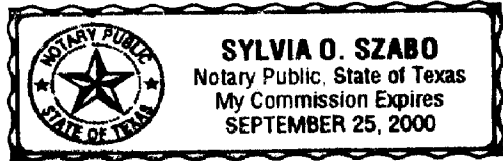
IN WITNESS WHEREOF, the undersigned has hereunto subscribed his name on the date set opposite his signature

(Signature) Michael A. Jarrett Date 4/12/99
Name: **Michael A. Jarrett**

STATE OF: TEXAS §
COUNTY OF: HARRIS §

BEFORE ME, the undersigned authority, on this 12th day of April, 1999 personally appeared **Michael A. Jarrett** and acknowledged to me that he executed the same of his own free will for the purposes and consideration therein expressed.

Sylvia O Szabo
Notary Public



◆◆◆◆

IN WITNESS WHEREOF, the undersigned has hereunto subscribed his name on the date set opposite his signature

(Signature) Cedric Nix Date 4/12/99
Name: **Cedric Nix**

STATE OF: TEXAS §
COUNTY OF: HARRIS §

BEFORE ME, the undersigned authority, on this 12th day of April, 1999 personally appeared **Cedric Nix** and acknowledged to me that he executed the same of his own free will for the purposes and consideration therein expressed.

Sylvia O. Szabo
Notary Public

