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P, 101046238

To the Honorable Commissioner of Patents and Trademarks: Please record the attached
 original document(s) or copy of the original document(s). TETR023

1. Name of conveying party(ies):

Gary Hunkele
Paul Knauff

2. Name and address of receiving party(ies):

Name: TETRA TECHNOLOGIES, INC.
Address: Payne Lundeen D'Ambrosio
& Arismendi, L.L.P.
1700 West Loop South, Suite 1230
Houston, Texas 77027-3008

PTO
09/31/03
05/13/99

3. Nature of conveyance:

- Assignment
- Security Interest
- Merger
- Change of name
- Other _____

4. Application or patent number(s):

Application No(s) _____ Patent No(s) _____

If this document is being filed together with a new application, the execution date of the application is:

09/31/03

Execution date:

Paul Knauff May 9, 1999
Gary Hunkele May 10, 1999

5. Correspondence name and address concerning recordation of the attached document(s):

Name: Jo Katherine D'Ambrosio
Address: Payne, Lundeen, D'Ambrosio
& Arismendi, L.L.P.
1700 West Loop South, Suite 1230
Houston, Texas 77027-3008

6. Total number of applications and patents involved: ONE (1)

7. Total fee (\$40 per property):.....\$40.00

- Enclosed
- Charge to deposit account*
- Previously paid (see enclosed correspondence with payment stamp)
- Credit overpayment or charge any deficiency to deposit account*
-

Resubmission (earlier transmittal letter with payment stamp enclosed)

8. Deposit account number:

*Duplicate copy of this page attached

9. Statement and signature. 40.00

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.

Jo Katherine D'Ambrosio
Name of person Signing

Signature

5/13/99
Date

CERTIFICATE OF MAILING

I hereby certify that this correspondence is being deposited with the United States Postal Service, as first class mail, postage prepaid as Express Mail Post office to Addressee, Mailing Label No.EL247483448US, in an envelope addressed to the Commissioner of Patents and Trademarks, Washington, D.C. 20231, on the date indicated below:

Laura Ochoa
Name of person mailing paper

Signature

5/13/99
Date

ATNY DOCKET NO. TETRA.023**ASSIGNMENT**

FOR the sum of One Dollar (\$1.00), and other good and valuable consideration, the receipt of which is hereby acknowledged, I/we, the undersigned, do hereby SELL, ASSIGN AND TRANSFER to TETRA TECHNOLOGIES, INC. (the "Assignee"), a corporation organized and doing business under the laws of Texas having a place of business at 25025 I-45 North, Houston, Texas 77380, the entire right, title and interest for the United States and any foreign country in and to any and all improvements which are disclosed in the application for United States Letters Patent, which has been executed by the undersigned concurrently herewith and is entitled ANCHOR FOR UNDERDRAIN BLOCK, and all divisional, continuing, substitute, renewal, reissue and other applications for patent which have been or shall be filed in the United States or any foreign country on any of such improvements and all original and reissued patents which have been or shall be issued in the United States on such improvements for the full term(s) for which the same may be granted;

AUTHORIZE AND REQUEST the Patent and Trademark Office to issue any and all such patents granted on such improvements to the Assignee;

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 that, when requested and at the expense of the Assignee, to carry out in good faith the intent and purpose of this assignment, the undersigned will execute and deliver to the Assignee all divisional, continuing, substitute, renewal, reissue, and all other patent applications on any and all such improvements, execute and deliver to the Assignee 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;

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


Signature of Paul Khauff


Date

ATNY DOCKET NO. TETRA.023

ASSIGNMENT

FOR the sum of One Dollar (\$1.00), and other good and valuable consideration, the receipt of which is hereby acknowledged, I/we, the undersigned, do hereby SELL, ASSIGN AND TRANSFER to TETRA TECHNOLOGIES, INC. (the "Assignee"), a corporation organized and doing business under the laws of Texas having a place of business at 25025 I-45 North, Houston, Texas 77380, the entire right, title and interest for the United States and any foreign country in and to any and all improvements which are disclosed in the application for United States Letters Patent, which has been executed by the undersigned concurrently herewith and is entitled ANCHOR FOR UNDERDRAIN BLOCK, and all divisional, continuing, substitute, renewal, reissue and other applications for patent which have been or shall be filed in the United States or any foreign country on any of such improvements and all original and reissued patents which have been or shall be issued in the United States on such improvements for the full term(s) for which the same may be granted;

AUTHORIZE AND REQUEST the Patent and Trademark Office to issue any and all such patents granted on such improvements to the Assignee;

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



Signature of Gary Hunkele

5/10/99

Date

As a below named inventor, I hereby declare that:

My residence, post office address, and citizenship are as stated below next to my name.

I believe I am the original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled: **ANCHOR FOR UNDERDRAIN BLOCK** the specification of which:

- is attached hereto.
- was filed on: _____ as Application Serial No. _____.

I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims.

I acknowledge the duty to disclose information which is material to the examination of this application in accordance with Title 37, Code of Federal Regulations, §1.56(a).

I hereby claim foreign priority benefits under Title 35, United States Code, §119 of any foreign application(s) for patent or inventor's certificate listed below and have also identified below any foreign application for patent or inventor's certificate having a filing date before that of the application on which priority is claimed.

I hereby claim the benefit under Title 35, United States Code, §120 of any United States Application(s) listed below, and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States application in the manner provided by the first paragraph of Title 35, United States Code, §112, I acknowledge the duty to disclose material information as defined in Title 37, Code of Federal Regulations, §1.56(a) which occurred between the filing date of the prior application and the national or PCT international filing date of this application:

(Application Serial No.)	(Filing Date)	(Status)
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I hereby appoint the following attorney(s) and/or agent(s) to prosecute this application and to transact all business in the Patent and Trademark Office connected therewith, with full power of substitution and revocation:

Name	Registration No.	Address Telephone Calls and Correspondence to:
Jo Katherine D'Ambrosio	35,671	Jo Katherine D'Ambrosio
Alton W. Payne	30,580	Payne, Lundeen, D'Ambrosio
Daniel N. Lundeen	31,177	& Arfemendi, L.L.P.
		1700 West Loop South, Suite 1230
		Houston, Texas 77027-3008
		(713) 840-8008

I hereby declare that all statements made of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under §1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

INVENTOR'S FULL NAME: **Gary Hunkeler**

INVENTOR'S SIGNATURE: *Gary Hunkeler*

CITIZENSHIP: United States

RESIDENCE ADDRESS: **116 Salem Church Rd., Midland Pennsylvania, 15059**

Date: 5/10/99

POST OFFICE ADDRESS: none

INVENTOR'S FULL NAME: **Paul Krauff**

INVENTOR'S SIGNATURE: *Paul De Krauff*

CITIZENSHIP: United States

RESIDENCE ADDRESS: **2419 Geneva Windsor Road, Geneva, Ohio 44041**

POST OFFICE ADDRESS:

ADDITIONAL JOINT INVENTOR(S) LISTED ON ATTACHED SHEET: Yes No

Date: 5-9-99