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

1. Name of conveying party(ies):

Frank D. Mango
806 Soboda Court
Houston, TX 77078 USA

Additional name(s) of conveying party(ies) attached? Yes No

3. Nature of conveyance:

- Assignment Merger
- Security Agreement Change of Name
- Other _____

April 19, 2004

Execution Date: _____

2. Name and address of receiving party(ies)

Name: Petroleum Habitats, L.L.C.

Internal Address: _____

Street Address: 806 Soboda Court

City: Houston State: TX Zip: 77078

Additional name(s) & address(es) attached? Yes No

4. Application number(s) or patent number(s): 10830266

If this document is being filed together with a new application, the execution date of the application is: 04/21/2004

A. Patent Application No.(s) _____

B. Patent No.(s) _____

Additional numbers attached? Yes No

5. Name and address of party to whom correspondence concerning document should be mailed:

Name: Thomas L. Warden

Internal Address: Winstead Sechrest & Minick P.C.

Street Address: P.O. Box 50784

City: Dallas State: TX Zip: 75201-0784

6. Total number of applications and patents involved: 1

7. Total fee (37 CFR 3.41).....\$ 40.00

- Enclosed
- Authorized to be charged to deposit account

8. Deposit account number: _____

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9. Signature.

Thomas L. Warden

Name of Person Signing

Signature

April 21, 2004

Date

Total number of pages including cover sheet, attachments, and documents: 3

Mail documents to be recorded with required cover sheet information to:
Commissioner of Patents & Trademarks, Box Assignments
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CLIENT/MATTER NO:
DOCUMENT NO.:

PATENT
REEL: 015260 FRAME: 0662

4-21-04

U.S. PTO
10/830266



04/26/2004
03 FC:8021

EFL0RES-00000056-10830266

40.00 DP

Assignment of Invention

WHEREAS, I, Frank D. Mango, 806 Soboda Court, Houston, TX 77078, USA have invented certain new and useful improvements in: "**ASSAYS FOR ZERO-VALENT TRANSITION METALS IN SEDIMENTARY ROCKS WITH APPLICATIONS TO OIL AND GAS EXPLORATION**" for which an application for Letters Patent was filed on April 21, 2004 under Serial Number 10/_____;

WHEREAS, **PETROLEUM HABITATS, L.L.C.** (the "ASSIGNEE"), a corporation organized under the laws of Texas, having a principal office and place of business at 806 Soboda Court, Houston, TX 77078, USA desires to acquire from Frank D. Mango the entire right, title and interest they have in and to said invention and in and to any Letters Patent that may be granted thereof in the United States and its territorial possessions, and any and all countries foreign to the United States of America;

NOW, THEREFORE, for valuable consideration, the receipt whereof is hereby acknowledged, I, by these presents do sell, assign and transfer unto said ASSIGNEE, all of my rights to the said invention in the United States and its territorial possessions and all countries foreign to the United States of America, and the entire right, title and interest in and to any and all Letters Patent which may be granted therefor in the United States and its territorial possessions and in and to any and all divisions, reissues, continuations, substitutions and renewals thereof, and to any and all Letters Patent which may be granted therefor in all countries foreign to the United States.

I hereby authorize and request the Patent Office Officials in the United States and its territorial possessions and Patent Office Officials in all countries foreign to the United States to issue any and all of said Letters Patent, when granted, to said ASSIGNEE as the assignee of my entire right, title and interest in and to the same, for the use and behalf of said ASSIGNEE, its 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 me had this Assignment and sale not been made.

Further, I agree that I will communicate to said ASSIGNEE or its representatives any facts known to me respecting said invention, and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuation, substitute, renewal and reissue applications, execute

all necessary assignment papers to cause any and all of said Letters Patent to be issued to said ASSIGNEE, make all rightful oaths, and, generally do everything possible to aid said ASSIGNEE, its successors and assigns, to obtain and enforce proper protection for said invention in the United States and its territorial possessions, and in all countries foreign to the United States.

The undersigned hereby grants authorized representatives of the above identified ASSIGNEE the power to insert on this assignment any further identification which may be necessary or desirable in order to comply with the rules of the United States Patent and Trademark Office for recordation of this document.

EXECUTED AT: Houston, Texas, Harris City
(City, State, Country)

Date: April 19, 2004

[Signature]
Frank D. Mango

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