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Attorney's Docket No. 005950-819

To the Director of the United States Patent and Trademark Office: Please record the attached original documents or copy thereof.

1. Name of conveying party(ies):

Shenggao Liu, Robert M. Carlson, Jeremy E. Dahl and Waqar Qureshi

2. Name and address of receiving party(ies):
Name: Chevron U.S.A. Inc.

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

Address:
6001 Bollinger Canyon Road
San Ramon, California 94583

3. Nature of conveyance:
 Assignment Merger
 Security Agreement Change of Name
 Other

Execution Date: 1/6/05, 1/12/05, 1/6/05 and 1/10/05, respectively

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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)
10/313,804

B. Patent No.(s)

Additional numbers attached? Yes No

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

Name: E. Joseph Gess
Address:

Burns, Doane, Swecker & Mathis, L.L.P.
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Alexandria, Virginia 22313-1404

6. Total number of applications and patents involved:

7. Total fee (37 CFR 3.41).....\$ 40.00 (8021)
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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.

Melissa M. Hayworth 45,774 Melissa M. Hayworth March 22, 2005
Name of Person Signing Reg. No. Signature Date

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ASSIGNMENT

WHEREAS, we, Shenggao Liu, Robert M. Carlson, Jeremy E. Dahl, and Waqar R. Qureshi, residing in the Cities of Hercules, Petaluma, Palo Alto, and San Francisco, respectively, and in the Counties of Contra Costa, Santa Rosa, Santa Clara, and San Francisco, respectively, all in the State of California, have invented new and useful improvements in FUNCTIONALIZED HIGHER DIAMONDOIDS set forth in an application for Letters Patent of the United States,

(check one)

having an oath or declaration executed on even date herewith;
 bearing Serial No. 10/313,804 and filed on December 6, 2002; and

WHEREAS, CHEVRON U.S.A. INC., a corporation organized and existing under and by virtue of the laws of the Commonwealth of Pennsylvania, and having a regular and established place of business at San Ramon, State of California, is desirous of acquiring the entire right, title and interest in and to said invention, and in and to the Letters Patent to be granted and issued therefor:

NOW, THEREFORE, for a valuable consideration, the receipt of which is hereby acknowledged, we, the said ASSIGNORS, do hereby sell, assign, transfer and set over unto said CHEVRON U.S.A. INC., its successors and assigns, the entire right, title and interest in and to said invention, and in and to all Letters Patent to be granted and issued therefor, not only for, to and in the United States of America, but for, to and in all other countries; and we hereby authorize and request the Commissioner of Patents and Trademarks to issue said Letters Patent in accordance with this Assignment.

(1) WITNESS my hand at Richmond, CA, this 11 day of January, 2005.

Shenggao Liu
Shenggao Liu

(2) WITNESS my hand at Richmond, CA, this 12 day of January, 2005.

Robert M. Carlson
Robert M. Carlson

(3) WITNESS my hand at Richmond, CA, this 6 day of January, 2005.

Jeremy E. Dahl
Jeremy E. Dahl

(4) WITNESS my hand at Richmond, CA, this 10th day of January, 2005.

Waqar Qureshi
Waqar Qureshi

STATEMENT BY WITNESS

I, Diana K. Ponce, whose full post office address is 100 Chevron Way, Richmond, CA, 94802, was personally present and did see Shenggao Liu, Robert M. Carlson, Jeremy E. Dahl, and Waqar R. Qureshi, who are known to me, execute the above assignment.

Diana K. Ponce
(signature of witness)