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Attorney's Docket No. 005950-856

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):
 Jeremy E. Dahl, Robert M. Carlson and Shenggao Liu

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

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

Execution Date: 08/27/2004, 08/30/2004 and 09/01/2004

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

Address:
 6001 Bollinger Canyon Road
 San Ramon, California 94583

Additional name(s) & addresses 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)
 10/884,768

Additional numbers attached? Yes No

B. Patent No.(s)

6. Total number of applications and patents involved:

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.
 Customer Number 2 1 8 3 9
 P.O. Box 1404
 Alexandria, Virginia 22313-1404

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

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8. Deposit account number:
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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.

Stephen F. Powell 43,014 Signature Date
 Name of Person Signing Reg. No.

Stephen F. Powell 12-30-04

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

Mail documents to be recorded with required cover sheet information to: Director of the United States Patent and Trademark Office / Mail Stop Assignment Recordation Services P.O. Box 1450 / Alexandria, VA 22313-1450

CH \$40.00 02-4800 10864768

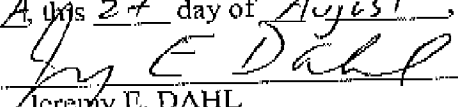
Attorney Docket No. 005950-856**ASSIGNMENT**

WHEREAS, we, Jeremy E. Dahl, Robert M. Carlson, and Shenggao Liu, residing at 997 Cottrell Way, Palo Alto, CA 94305; 3775 Roblar Road, Petaluma, CA 94952; and 536 Rosewood Lane, Hercules, CA 94547, respectively, in the Counties of Santa Clara, Santa Rose and Alameda, have invented new and useful improvements in NUCLEATION OF DIAMOND FILMS USING HIGHER DIAMONDOIDS set forth in an application for Letters Patent of the United States,

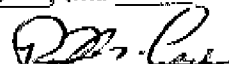
(check one) having an oath or declaration executed on even date herewith;
 bearing Serial No. 10/864,768 and filed on June 10, 2004; and

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:

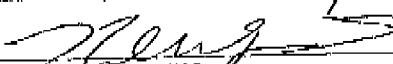
NOW, THEREFORE, for a valuable consideration, the receipt of which is hereby acknowledged, we, the said ASSIGNORS, do hereby sell, assign, transfer and set over unto said CHEVRON U.S.A. INC., its successors and assigns, the entire right, title and interest in and to said invention, and in and to all 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 27 day of August, 2004.


 Jeremy E. DAHL

(2) WITNESS my hand at Richmond, CA, this 30 day of August, 2004.


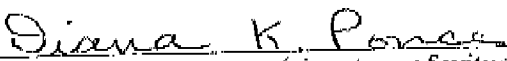
 Robert M. CARLSON

(3) WITNESS my hand at Richmond, this 1st day of Sept., 2004.


 Shenggao LIU

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 Jeremy E. Dahl, Robert M. Carlson and Shenggao Liu, who are known to me, execute the above assignment.



 (signature of witness)