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

1. Name of conveying party(ies):
   - Curtis L. Munson
   - Laura C. Boudreau
   - Michael S. Driver
   - William L. Schinski

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

3. Nature of conveyance:
   [X] Assignment
   [ ] Merger
   [ ] Security Agreement
   [ ] Change of Name
   Other: ________________________________

   Execution Date: 11/20, 21, 28/00

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: December 6, 2000
   A. Patent Application No.(s)
   B. Patent No.(s)

   Additional numbers attached? [ ] Yes [X] 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.
     Post Office Box 1404
     Alexandria, Virginia 22313-1404

6. Total number of applications and patents involved: 1

7. Total fee (37 CFR 3.41): $40.00
   [ ] Enclosed
   [X] Authorized to be charged to deposit account, if necessary

8. Deposit account number: 02-4800

DO NOT USE THIS SPACE

   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, Reg. No. 45,774
   Name of Person Signing

   Signature

   Total number of pages including cover sheet, attachments, and document: 2

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

Commissioner of Patents and Trademarks
Box Assignments
Washington, D.C. 20231

(PATENT)
REEL: 011394 FRAME: 0187
ASSIGNMENT

WHEREAS, we, CURTIS L. MUNSON, LAURA C. BOUDREAU, MICHAEL S. DRIVER, and WILLIAM L. SCHINSKI, residing in the CITY OF OAKLAND, COUNTY OF ALAMEDA, CITY OF LAFAYETTE, COUNTY OF CONTRA COSTA, CITY OF SAN FRANCISCO, COUNTY OF SAN FRANCISCO and CITY OF SAN RAFAEL, COUNTY OF MARIN, respectively, all in the STATE OF CALIFORNIA have invented new and useful improvements in Separation of Olefins from Paraffins Using Ionic Liquid Solutions set forth in an application for Letters Patent of the United States,

(check [x] having an oath of declaration executed on even date herewith;
one) [] bearing Serial No. _________ and filed on ______________; and

WHEREAS, CHEVRON U.S.A. INC, a corporation duly organized under and pursuant to the laws of the Commonwealth of Pennsylvania, and having a regular and established place of business at San Francisco, State of California, is desirous of acquiring the entire right, title, and interest in and to said inventions, 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 ASSIGNS, 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.

Date 11/20/09 Signature of Assignor ____________________________
Curtis L. Munson

Date 11/20/09 Signature of Assignor ____________________________
Laura C. Boudreau

Date 11/21/2000 Signature of Assignor ____________________________
Michael S. Driver

Date 11/28/2000 Signature of Assignor ____________________________
William L. Schinski

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 Curtis L. Munson, Laura C. Boudreau, Michael S. Driver, and William L. Schinski, who are known to me, execute the above assignment.

______________________________
Diana K. Ponce
(signature of witness)

Page 1 of 1

RECORDED: 12/12/2000
PATENT
REEL: 011394 FRAME: 0188