

05-14-2001



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FORM PTO-1595

U.S. DEPARTMENT OF COMMERCE
Patent and Trademark Office

S. 7.01

**RECORDATION FORM COVER SHEET
PATENTS ONLY**

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

1. Name of conveying party(ies):
**Paul K. Ladwig, John E. Asplin, Gordon F. Stuntz,
William A. Wachter, B. Erik Henry, Shun C. Fung,
Tan-Jen Chen, Jay F. Carpency, Ronald G. Searle**

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

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

Name: **ExxonMobil Research and Engineering
Company**

Street Address: **P. O. Box 900** MAY - 7 2001

City: **Annandale** State: **New Jersey** ZIP: **08801-0900**

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

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

Execution Date: **April 10, 11, 17, 25, 2001**

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)
09/574,263

B. Patent No.(s)

Additional numbers attached? Yes No

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

Name: **James H. Takemoto**
Internal Address: **ExxonMobil Research and
Engineering Company**
Mailing Address: **P. O. Box 900**
City: **Annandale** State: **New Jersey** ZIP: **08801-0900**

6. Total number of applications and patents involved: [1]

7. Total fee (37 CFR 1.41): **\$40.00**
 Authorized to be charged to deposit account

8. Deposit account number: **05-1330**

DO NOT USE THIS SPACE

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.

James H. Takemoto
Name of Person Signing

James H. Takemoto
Signature

May 2, 2001
Date

Total number of pages including cover sheet, attachments, and document: [4]

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

**COMMISSIONER OF PATENTS AND TRADEMARKS
BOX ASSIGNMENT
WASHINGTON DC 20231**

ASSIGNMENT
INVENTOR or INVENTORS:

| | | | |
|-------------------------|-----------------------|-------------------------|---------------------------|
| <u>Paul K. Ladwig</u> | <u>John E. Asplin</u> | <u>Gordon F. Stuntz</u> | <u>William A. Wachter</u> |
| <u>B. Erik Henry</u> | <u>Shun C. Fung</u> | <u>Tan-Jen Chen</u> | <u>Jay F. Carpency</u> |
| <u>Ronald G. Searle</u> | | | |

For good and valuable consideration, the undersigned person(s) named above, herein referred to as UNDERSIGNED, hereby agree(s) as follows:

1) UNDERSIGNED hereby assign(s) to ExxonMobil Research and Engineering Company (formerly Exxon Research and Engineering Company), a corporation of Delaware, its successors, legal representatives and assigns, herein referred to collectively as ASSIGNEE, the entire right, title and interest, for the United States and all foreign countries, in and to UNDERSIGNED'S invention or improvement and to all patent applications and patents covering same which is described in a patent application entitled

PROCESS FOR SELECTIVELY PRODUCING C3 OLEFINS IN A FLUID CATALYTIC CRACKING PROCESS

said application having been executed on the 12th, 15th, 20th, 3rd, 7th, 10th, 12th, 13th, and 16th day(s) of June and July, 2000 and being further identified as Case Number MAC-0013; and all rights of priority created by said application under provisions of international conventions or treaties.

2) UNDERSIGNED agree(s) upon the request of ASSIGNEE to execute any and all applications for and documents relating to obtaining patents and the prosecution thereof for said invention or improvement, and any continuations of such applications or substitutes therefor or registrations thereof, and any specific separate assignments of any of the above required for recording in the United States Patent and Trademark Office and any foreign patent office that ASSIGNEE may deem necessary or expedient.

3) UNDERSIGNED agree(s) that in the event of any application based on said assigned invention or improvement, or patent issued thereon, or any reissue or application for the reissue thereof, becoming involved in priority of invention proceedings, UNDERSIGNED will cooperate with ASSIGNEE to the best of the ability of UNDERSIGNED in the matter of preparing and executing all documents and giving and producing evidence in support thereof.

4) UNDERSIGNED agree(s) to perform upon ASSIGNEE'S request any and all affirmative acts to obtain United States and foreign patents covering said invention or improvement and to vest all rights therein hereby conveyed to ASSIGNEE, as fully and as entirely as the same would have been held and enjoyed by UNDERSIGNED if this assignment and sale had not been made.

5) UNDERSIGNED hereby authorize(s) ASSIGNEE to insert in this instrument the date(s) on which UNDERSIGNED executed the Declaration for the above-referenced patent application.

IN WITNESS WHEREOF, this assignment has been executed by UNDERSIGNED on the date opposite UNDERSIGNED'S NAME.

| | | |
|---------------------|--|----------------------------|
| Date <u>4/17/01</u> | Inventor <u>Paul K. Ladwig</u> (LS) | Witness <u>[Signature]</u> |
| Date _____ | Inventor _____ (LS) <i>John E. Asplin</i> | Witness _____ |
| Date _____ | Inventor _____ (LS) <i>Gordon F. Stuntz</i> | Witness _____ |
| Date _____ | Inventor _____ (LS) <i>William A. Wachter</i> | Witness _____ |
| Date _____ | Inventor _____ (LS) <i>B. Erik Henry</i> | Witness _____ |
| Date _____ | Inventor _____ (LS) <i>Shun C. Fung</i> | Witness _____ |
| Date _____ | Inventor _____ (LS) <i>Tan-Jen Chen</i> | Witness _____ |
| Date _____ | Inventor _____ (LS) <i>Jay F. Carpency</i> | Witness _____ |
| Date _____ | Inventor _____ (LS) <i>Ronald G. Searle</i> | Witness _____ |

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INVENTOR or INVENTORS:

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| | | |
|---------------------|---------------------------------------|---------------------------------|
| Date _____ | Inventor _____ (LS) | Witness _____ |
| Date <u>4/11/01</u> | Inventor <u>Paul K. Ladwig</u> (LS) | Witness <u>Bleu H. Margot</u> |
| Date <u>4/25/01</u> | Inventor <u>John E. Asplin</u> (LS) | Witness <u>Regina A. Tucker</u> |
| Date <u>4/25/01</u> | Inventor <u>Gordon F. Stuntz</u> (LS) | Witness <u>Regina A. Tucker</u> |
| Date <u>4/10/01</u> | Inventor <u>B. Erik Henry</u> (LS) | Witness <u>Ray J. Blum</u> |
| Date _____ | Inventor _____ (LS) | Witness _____ |
| Date <u>4/10/01</u> | Inventor <u>Shun C. Fung</u> (LS) | Witness <u>Ray J. Blum</u> |
| Date <u>4/10/01</u> | Inventor <u>Tan-Jen Chen</u> (LS) | Witness <u>Ray J. Blum</u> |
| Date <u>4/10/01</u> | Inventor <u>Jay F. Carpency</u> (LS) | Witness <u>Ray J. Blum</u> |
| Date <u>4/10/01</u> | Inventor <u>Ronald G. Searle</u> (LS) | Witness <u>Ray J. Blum</u> |

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INVENTOR or INVENTORS:**

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Date 4/25/01 Inventor Gordon F. Stuntz (LS) Witness Regina A. Tucker

Date _____ Inventor William A. Wachter (LS) Witness _____

Date _____ Inventor B. Erik Henry (LS) Witness _____

Date 4/11/2001 Inventor Shun C. Fung (LS) Witness Edmund W. Camp

Date _____ Inventor Tan-Jen Chen (LS) Witness _____

Date _____ Inventor Jay F. Carpency (LS) Witness _____

Date _____ Inventor Ronald G. Searle (LS) Witness _____