| DECORDAT | TAN FARMAN (FRANCE) | |
|--|--|--|
| (Rev. 6-93) RECORDATION FORM COVER SHEET | | |
| OMB No. 0651-0011 (exp. 4/94) PATENTS ONLY To the Honorable Commissioner of Patents and Trademarks: Please record the attached original documents or copy thereof. | | |
| | | |
| Name of conveying party(ies): ExxonMobil Chemical Patents Inc. | Name and address of receiving party(ies) | |
| | Name: ExxonMobil Research & Engineering Co. | |
| | Internal Address: <u>Law Department</u> | |
| Additional name(s) of conveying party(ies) attached? ☐ Yes ☐ No | Street Address: 1545 Route 22 East, P. O. Box 900 | |
| 3. Nature of conveyance: | City: Annandale State: NJ ZIP: 08801 | |
| ⊠ Assignment | Sent via Facsimile on: May 21, 2004 TO 703-306-5995 by Gail F. Summerfield | |
| ☐ Security Assignment ☐ Change of Name | Return Facsimile Phone Number: (908) 730-3649 | |
| Other: | Family Number: A7057 | |
| Execution Date(s): October 8, 2003 | Additional name(s) & address(es) attached? 口 Yes 図 No | |
| 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) | B. Patent No.(s) | |
| 5,318,691 issued June 7, 1994 Additional numbers attached? 및 Yes 国 No | | |
| Name and address of party to whom correspondence concerning document should be mailed: | 6. Total number of applications and patents involved: | |
| Name: ExxonMobil Research & Engineering Company | 7. Total fee (37 CFR 3.41)\$40.00 | |
| Internal Address: Law Department | □ Enclosed | |
| | ☑ Authorized to be charged to deposit account | |
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| P.O. Box 900 | 05-1330 | |
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| Statement and signature. To the best of my knowledge and belief, the foregoing information is true and correct and any attached | | |
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| 81 D1 | | |
| Estelle C. Bakun Name of Person Signing Signature Date | | |
| ■ Pursuant to 37 CFR 1.34(a) | | |
| Total number of pages including cover sheet, attachments, and document: | | |
| | | |
| PATENT TRADEMARK OFFICE | | |

PATENT REEL: 014669 FRAME: 0740 From-EXXONMOBIL LAW DEPT

ASSIGNMENT

In consideration of One Dollar (\$1.00) and other good and valuable consideration, the receipt of which are hereby acknowledged, ExxonMobil Chemical Patents Inc., a corporation organized and existing under the laws of the State of Delaware, hereby assigns to ExxonMobil Research and Engineering Company, a corporation organized and existing under the laws of the State of Delaware, an undivided one hundred percent (100%) interest in and to the following United States Patent and pending Patent Applications:

| Patent No. | <u>Issue Date</u> | <u>Title</u> |
|--|--|---|
| US 5,318,696 US 5,290,431 US 5,324,419 US 5,324,418 US 5,372,706 US 5,318,691 | 07JE1994 01MR1994 28JE1994 28JE1994 13DE1994 07JE1994 | Catalytic Conversion With Improved Catalyst FCC Process With Concentrators On Cyclone Inlets FCC To Minimize Butadiene Yields FCC Process Using High Cat: Oil Ratios FCC Regeneration Process With Low Nox Co Boiler FCC Riser Cracking With Vortex Catalyst/Oil Mixing |
| | | Mixing |

ExxonMobil Chemical Patents Inc.

Frank E. Reid

Assistant Secretary

IN WITNESS WHEREOF, this assignment has been executed by the above signed on

RECORDED: 05/27/2004