FORM PTO-1595		
(Rev. 6-93) RECORDATION FORM COVER SHEET		
OMB No. 0651-0011 (exp. 4/94)  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: Law Department	
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 ☐ Merger	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: A6882	
Execution Date(s): October 8, 2003	Additional name(s) & address(es) attached? □ Yes ② 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)	B. Patent No.(s)	
Additional numbers atta	5,318,696 issued June 7, 1994	
<ol><li>Name and address of party to whom correspondence concerning document should be mailed:</li></ol>	Total number of applications and patents involved:	
Name: ExxonMobil Research & Engineering Company	7. Total fee (37 CFR 3.41)\$40.00	
Internal Address: <u>Law Department</u>	☐ Enclosed	
	☑ Authorized to be charged to deposit account	
Street Address: 1545 Route 22 East	8. Deposit account number:	
P.O. Box 900	05-1330	
City: Annandale State: NJ ZIP: 08801	(Attach duplicate copy of this page if paying by deposit account)	
DO NOT USE THIS SPACE		
<ol> <li>Statement and signature.</li> <li>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.</li> </ol>		
$\varphi_{AA}$		
Estelle C. Bakun 7. L. Lakun 5/21/04		
Name of Person Signing Signature Date  ☑ Pursuant to 37 CFR 1.34(a)		
Total number of pages including cover sheet, attachments, and document: ②		
27810 PATENT TRADEMARK OFFICE		

## 2004 10:58am

## 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

ExxonMobil Chemical Patents Inc.

Assistant Secretary

Date:

IN WITNESS WHEREOF, this assignment has been executed by the above signed on \_\_\_\_\_\_\_, 2003.

PATENT REEL: 014669 FRAME: 0733

**RECORDED: 05/27/2004**