FORM PTO-1596 (Rev. 6-93) RECORDATION FORM COVER SHEET U.S. DEPARTMENT OF COMMERCE Patent and Trademark Office					
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):	Please record the attached original documents or copy thereof. 2. Name and address of receiving party(ies)				
Edward S. Ellis Thomas R. Halbert					
Garland B. Brignac John P. Greeley Richard A. Demmin Theresa A. Lalain	Name: ExxonMobil Research & Engineering Co.				
	Internal Address: <u>Law Department</u>				
Additional name(s) of conveying party(les) 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: August 14, 2003 TO 703-306-5995 by Judy A. Gould				
☐ Security Assignment ☐ Change of Name	Return Facsimile Phone Number: (225) 977-1025				
Other	Family Number: P2002J056				
Execution Date(s): June 5, 9, 16, 2003	Additional name(s) & address(es) attached?				
4. Application number(s) or patent number(s):					
If this document is being filed together with a new applica	ition, the execution date of the application is:				
A. Patent Application No.(s)	B. Patent No.(s)				
10/427,480 Additional numbers attached? ☐ Yes ☑ No					
 Name and address of party to whom correspondence concerning document should be mailed: 	6. Total number of applications and patents involved: 1				
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: <u>Annandale</u> State: <u>NJ</u> ZIP: <u>08801</u>	(Attach duplicate copy of this page if paying by deposit account)				
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. A copy is a true copy of the original document.					
Gerard J. Hughes /X/An/	1 / August 14, 2003				
Name of Person Signing Description Pursuant to 37 CFR 1.34(a) Total number of pages including cover sheet	Signature Date				

Mail documents to be recorded with required coversheet information to: Commissioner for Patents, Box Assignments - Facsimile No. 1-703-306-5865 Washington, D.C. 20231

ASSIGNMENT INVENTORS:

	<u> </u>	JAWA MAY EN A ORG.			
Edward S. Ellis	Thomas R. Halbert	Garland B. Brig	nac	John P. Greeley	
Richard A. Demmin	Theresa A. Lalain	****			
For good and valuable consi as follows:	deration, the undersigned person(s) named above, herein	referred to as 1	UNDERSIGNED, hereby agree(s)	
Engineering Company), a co ASSIGNEE, the entire right,	D hereby assign(s) to ExxonMobi rporation of Delaware, its succes title and interest, for the United the tent applications and patents cov	sors, legal representativ States and all foreign co	es and assigns, untries, in and	herein referred to collectively as to UNDERSIGNED'S invention	
LOW CO FOR INCREASED NAPHTHA DESULFURIZATION					
said application having been Number GJH-0314 (P20023 treaties.	executed on the 5, 9, 16th (056); and all rights of priority cro	day(s) of <u>June</u> eated by said application	2003 and n under provisi	being further identified as Case ons of international conventions or	
to obtaining patents and the p substitutes therefor or registr	D agree(s) upon the request of AS prosecution thereof for said inven ations thereof, and any specific so demark Office and any foreign pa	tion or improvement, a eparate assignments of a	nd any continu any of the abov	e required for recording in the	
issued thereon, or any reissue UNDERSIGNED will coope	O agree(s) that in the event of any e or application for the reissue the rate with ASSIGNEE to the best giving and producing evidence in	ereof, becoming involve of the ability of UNDE	d in priority of	vention or improvement, or patent invention proceedings, he matter of preparing and	
foreign patents covering said	D agree(s) to perform upon ASSI invention or improvement and to ave been held and enjoyed by UN	vest all rights therein h	iereby conveye	e acts to obtain United States and d to ASSIGNEE, as fully and as ale had not been made.	
5) UNDERSIGNED executed the Declaration for	O hereby authorize(s) ASSIGNEE the above-referenced patent appli	E to insert in this instruction.	nent the date(s	on which UNDERSIGNED	
IN WITNESS WHEREOF, t	his assignment has been executed	by UNDERSIGNED o	n the date oppo	osite UNDERSIGNED'S NAME.	
Date June 20, 2003 Invento	S1 1057	<u>as</u> , u	runess <u>), Ha</u>		
Date After Tuly 14 2003		∠ <u>(</u> LS) и	Itness	and W. Jarkin	
Date July 14, 2001 invento	Garland B. Brighac	(LS) W	(imess <u>)</u> Za	self (My	
Date Jem 30100? Invento	Im & Trule	(LS) W	itness <u>) Le</u>	alet Carlay	
Date June 20, 200 3 Invento		(LS) W	uness \	granie .	
Date Dy 15, 2003 Invento	Richard A. Demmin Thousa Laco	<u> </u>	itness_x	let & Shih	

27810
27810
PATENT TRADEMARK OFFICE

PATENT REEL: 013876 FRAME: 0970

RECORDED: 08/14/2003