FORM PTO-1595 RECORDATION FORM COVER SHEET U.S. DEPARTMENT OF COMMERCE Patent and Trademark Office			
(Rev. 6-93)	M COVER SHEET Patent and Trademark Office		
OMB No. 0651-0011 (exp. 4/94) To the Honorable Commissioner of Patents and Trademarks: F	Disease record the attached original documents or copy thereof.		
To the Honorable Commissioner of Patents and Trademarks. P			
Name of conveying party(ies): Thomas R. Halbert Craig A. McKnight John P. Greeley Bruce R. Cook Garland B. Brignac Mark A. Greaney Robert C. Welch	Name and address of receiving party(ies) Name: <u>ExxonMobil Research & Engineering Co.</u> Internal Address: <u>Law Department</u>		
Additional name(s) of conveying party(ies) attached? ☐Yes ☐ No	Street Address: <u>1545 Route 22 East, P. O. Box 900</u>		
3. Nature of conveyance:	City: Annandale State: NJ ZIP: 08801		
☑ Assignment ☐ Merger	Sent via Facsimile on: June 4, 2003 TO 703-306-5995 by Regina A. Tucker		
☐ Security Assignment ☐ Change of Name	Return Facsimile Phone Number: (908) 730-3649		
□ Other	Family Number: P2000J027		
Execution Date(s): March 18, 19, 21, April 1, and May 7, 2003	7.1 Additional name(s) & address(es) attached? ☐ Yes ☒ 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)	blication No.(s) B. Patent No.(s)		
10/359,860	ached? ☐ Yes ⊠_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			
	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			
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. ()			
Jeremy J. Kliebert	1/04/03		
Name of Person Signing	_Signature		
☐ Pursuant to 37 CFR 1.34(a) Total number of pages including cover sheet, attachments, and document: 4			

Mail documents to be recorded with required coversheet information to: Commissioner for Patents, Box Assignments - Facaimile No. 1-703-306-5995 Washington, D.C. 20231

ASSIGNMENT INVENTOR or INVENTORS:

	XIT V IST I	<u> </u>	
Thomas R. Halbert	Craig A. McKnight	John P. Greeley	Bruce R. Cook
Garland B. Brignac	Mark A. Greaney	Robert C. Welch	
For good and valuable co as follows:	nsideration, the undersigned person	(s) named above, herein referr	ed to as UNDERSIGNED, hereby agree(s)
Engineering Company),		ssors, legal representatives and States and all foreign countrie	Company (formerly Exxon Research and it assigns, herein referred to collectively as es, in and to UNDERSIGNED'S invention in a patent application entitled
	SELECTIVE HYDROPROC		
said application having b Number <u>JJK-0303;</u> and a	een executed on the 18,19/01/07, Il rights of priority created by said	30 day(s) of 1998/1998/1991 application under provisions of	2003 and being further identified as Case finternational conventions or treaties.
to obtaining patents and	the prosecution thereof for said invi	ention of improvement, and any separate assignments of any o	all applications for and documents relating y continuations of such applications or f the above required for recording in the may deem necessary or expedient.
issued thereon, or any re UNDERSIGNED will co	issue or application for the reissue t	hereof, becoming involved in j st of the ability of UNDERSIG	ssigned invention or improvement, or patent priority of invention proceedings, NED in the matter of preparing and
foreign patents covering	NED agree(s) to perform upon AS said invention or improvement and ld have been held and enjoyed by U	to vest all rights therein hereb	affirmative acts to obtain United States and y conveyed to ASSIGNEE, as fully and as ment and sale had not been made.
5) UNDERSIO	NED hereby authorize(s) ASSIGN for the above-referenced patent ap	EE to insert in this instrument plication.	the date(s) on which UNDERSIGNED
IN WITNESS WHERE	DF, this assignment has been execu	ted by UNDERSIGNED on the	e date opposite UNDERSIGNED'S NAME.
Date 4/1/03	nventor Thomas R. Halbert	(LS) Witness	
Date l	nventorCraig A. McKnight	(LS) Witness	·
Date	nventor John P. Greeley	(LS) Witnes	5
Date	inventorBruce R. Cook	(LS) Witnes.	s
_{Date} 3/18/03	Inventor Aculo B. Brignac Garland B. Brignac	(LS) Witnes	· Jeffy Dy-C
Date	nventor	(LS) Witnes	s
Date 3/19/03	nventor_GlutClhf	eld (LS) Witnes	Christne McConnadice

PATENT REEL: 013704 FRAME: 0132

ASSIGNMENT INVENTORS:

Thomas R. Hal <u>bert</u>	Craig A. McKnight	John P. Greelev	Bruce R. Cook
Garland B. Brignac	Mark A. Greaney	Robert C. Welch	
	onsideration, the undersigned person	(s) named above, herein referred	i to as UNDERSIGNED, hereby agree(s)
Engineering Company).	a comparation of Delowers its succe	ssors, legal representatives and a	ompany (formerly Exxon Research and assigns, herein referred to collectively as in and to UNDERSIGNED'S invention in a patent application entitled
**************************************		ESSING AND MERCAPTAN	
said application having Number <u>JJK-0303</u> ; and	been executed on the LL, 19/01/07.3 all rights of priority created by said a	30 day(s) of MPK/HPK/MAY20 application under provisions of i	003 and being further identified as Case nternational conventions or treaties.
to obtaining patents and	the prosecution thereof for said inve	ention or improvement, and any separate assignments of any of t	ll applications for and documents relating continuations of such applications or he above required for recording in the ay deem necessary or expedient.
issued thereon, or any u UNDERSIGNED will	GNED agree(s) that in the event of a cissue or application for the reissue t cooperate with ASSIGNEE to the be s and giving and producing evidence	hereof, becoming involved in pr st of the ability of UNDERSIGN	gned invention or improvement, or patent iority of invention proceedings, ED in the matter of preparing and
foreign patents coverin	GNED agree(s) to perform upon AS: g said invention or improvement and uld have been held and enjoyed by U	to vest all rights therein hereby	firmative acts to obtain United States and conveyed to ASSIGNEE, as fully and as ent and sale had not been made.
5) UNDERSI executed the Declaration	GNED hereby authorize(s) ASSIGN on for the above-referenced patent ap	EE to insert in this instrument the plication.	e date(s) on which UNDERSIGNED
IN WITNESS WHERE	OF, this assignment has been execut	ted by UNDERSIGNED on the	date opposite UNDERSIGNED'S NAME.
Date	InventorThomas R. Halbert	(LS) Witness_	<u> </u>
Date	InventorCraig A. McKnight	(LS) Witness_	
Date 3 /21/03	Inventor John P. Greeley	UJ (LS) Witness,	Bui K Suffer
Date	InventorBruce R. Cook	(1.5) Witness_	
Date	InventorGarland B. Brignac	(LS) Witness_	
Date	InventorMark A. Greaney	(LS) Witness_	<u>. </u>
Date	InventorRobert C. Welch	(LS) Witness_	

PATENT REEL: 013704 FRAME: 0133

ASSIGNMENT INVENTOR or INVENTORS:

Thomas R. Halbert	Craig A. McKnight	John P. Greeley	Bruce R. Cook
Garland B. Brignac	Mark A. Greaney	Robert C. Welch	
		n(s) named above, herein referred	to as UNDERSIGNED, hereby agree(s)
Engineering Company), a	FTI alassona ita arrona	essors, legai representatives and a I States and all foreign countries.	ompany (formerly Exxon Research and assigns, herein referred to collectively as in and to UNDERSIGNED'S invention in a patent application entitled
		ESSING AND MERCAPTAN	
said application having be Number <u>JJK-0303</u> ; and al	en executed on the 18,19/01/07,30 I rights of priority created by said	2 day(s) of <i>MARAPR/MAY</i> 20 application under provisions of i	003 and being further identified as Case nternational conventions or treaties.
to obtaining patents and the	ha processution thereof for eaid inv	ention or improvement, and any sensitive assignments of any of	Il applications for and documents relating continuations of such applications or the above required for recording in the ay deem necessary or expedient.
issued thereon, or any reis	sene or application for the reissue :	thereof, becoming involved in prost of the ability of UNDERSIGN	igned invention or improvement, or patent iority of invention proceedings, IED in the matter of preparing and
foreign natents covering a	NED agree(s) to perform upon AS said invention or improvement and d have been held and enjoyed by t	l to vest all rights therein hereby	ffirmative acts to obtain United States and conveyed to ASSIGNEE, as fully and as ent and sale had not been made.
5) UNDERSIG	NED hereby authorize(s) ASSIGN for the above-referenced patent ap	IEE to insert in this instrument the oplication.	ne date(s) on which UNDERSIGNED
IN WITNESS WHEREO	F, this assignment has been execu	ted by UNDERSIGNED on the	date opposite UNDERSIGNED'S NAME.
DateIn	ventorThomas R. Halbert	(LS) Witness_	
Date In	cventorCraig A. McKnight	(LS) Witness_	· · · · · · · · · · · · · · · · · · ·
Date In	ventorJohn P. Greeley	(LS) Witness_	2.00
Date 3/18/03 In	eventorBruce R. Cook	(LS) Witness_	Notation of the
DateIn	oventorGarland B. Brignac	(LS) Witness_	
Date 3/18/03 In	rventor Mark A. Greaney	Zing (LS) Witness,	tubo ste se
Date 3/18/03 11	iventorRobert C. Welch	(LS) Witness	

PATENT REEL: 013704 FRAME: 0134

ASSIGNMENT INVENTOR or INVENTORS:

en en 77 H	Craig A. McKnight	John P. Greeley	Bruce R. Cook
Thomas R. Halbert		-	And the second second
Garland B. Brignac	Mark A. Greaney	Robert C. Welch	
as follows:	•		ed to as UNDERSIGNED, hereby agree(s)
Engineering Company)	· · · · · · · · · · · · · · · · · · ·	ssors, legal representatives and States and all foreign countrie	Company (formerly Exxon Research and assigns, herein referred to collectively as s, in and to UNDERSIGNED'S invention in a patent application entitled
	SELECTIVE HYDROPROCI		
said application having Number <u>JJK-0303</u> ; and	been executed on the 18,19/01/07,30 all rights of priority created by said a	2 day(s) of <i>MARJAPRIMAY</i> application under provisions of	2003 and being further identified as Case international conventions or treaties.
to obtaining patents and	4 the processition thereof for said inve	ntion or improvement, and any separate assignments of any o	all applications for and documents relating y continuations of such applications or f the above required for recording in the may deem necessary or expedient.
issued thereon, or any tunderSIGNED will	GNED agree(s) that in the event of ar reissue or application for the reissue the cooperate with ASSIGNEE to the bes ts and giving and producing evidence	hereof, becoming involved in j it of the ability of UNDERSIG	signed invention or improvement, or patent priority of invention proceedings, NED in the matter of preparing and
foreign patents coverin	GNED agree(s) to perform upon ASS g said invention or improvement and buld have been held and enjoyed by U	to vest all rights therein hereb	affirmative acts to obtain United States and y conveyed to ASSIGNEE, as fully and as ment and sale had not been made.
5) UNDERS: executed the Declaration	GNED hereby authorize(s) ASSIGNUTE on for the above-referenced patent app	EE to insert in this instrument plication.	the date(s) on which UNDERSIGNED
IN WITNESS WHERI	BOF, this assignment has been execut	ed by UNDERSIGNED on the	e date opposite UNDERSIGNED'S NAME.
Date	InventorThomas R. Halbert	(LS) Witnes	s
Date May 7, 2003	Inventor Craig A McKnight	(LS) Witnes	, <u>L</u> (h
Date	Inventor John P. Greeley	(LS) Witnes	5
Date	InventorBruce R. Cook	(LS) Witnes	5
Date	InventorGarland B. Brignac	(LS) Witnes	5
Date	InventorMark A. Greaney	(LS) Witnes	

RECORDED: 06/04/2003

Robert C. Welch

PATENT REEL: 013704 FRAME: 0135

(LS) Witness