FORM PTO-1595 RECORDATION FOR (Rev. 6-93)	T1-22-1999	
OMB No. 0651-0011 (exp. 4/94) M W 11 12 GAPATENTS ONLY  To the Honorable Commissioner of Patents and Travelmarks: Please record the attack		
1. Name of conveying party(ies): Bruce R. Cook Jack W. Johnson Guang Cao Rich A. McEvoy Richard H. Ernst Additional name(s) of conveying party(ies) attached? □ Yes □ No	101207512 2. Name and address of receiving party(ies)  Name: Exxon Research & Engineering Co.  Internal Address: Law Department	
3. Nature of conveyance:		
☑ Assignment ☐ Merger	Street Address: 180 Park Avenue	
☐ Security Assignment ☐ Change of Name	P.O. Box 390	
□ Other	City: Florham Park State: NJ ZIP: 07932	
Execution Date: 27 & 28 January 1998, respectively	Additional name(s) & address(es) attached? ☐ Yes ☑ No	
A. Patent Application No.(s)	ation, the execution date of the application is:  B. Patent No.(s)	
09/018,019 filed February 30, 1998	ttached? □ Yes ৷ No	
Name and address of party to whom correspondence concerning document should be mailed:	6. Total number of applications and patents involved:	
Name: Exxon Research & Engineering Company	7. Total fee (37 CFR 3.41)\$40.00	
Internal Address: <u>Law Department</u>	□ Enclosed	
9 <del>/1999 JSHABAZZ 00000095 051330 09018019</del>	图 Authorized to be charged to deposit account	
Street Address: 180 Park Avenue	8. Deposit account number:	
P.O. Box 390	05-1330	
City: Florham Park State: NJ ZIP: 07932	(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 in copy is a true copy of the original document.	Jun 9/27/99	
Jay Simon  Name of Person Signing	Signature Date	
Total number of pages including cover sh	eet, attachments, and document:	

Mail documents to be recorded with required coversheet information to: Commissioner of Patents & Trademarks, Box Assignments Washington, D.C. 20231

**PATENT REEL: 010387 FRAME: 0566** 

## ASSIGNMENT INVENTOR or INVENTORS:

BRUCE R. COOK	TA	CK M. IOHNISONI	GUANG CAO	
RICH A. MCEVOY		CK W. JOHNSON CHARD H. ERNST	GUANG CAO	
	<del></del>			
In consideration of One Hund which is hereby acknowledge agree(s) as follows:	Ired Twenty-five E	Pollars (\$125.00) and other good ad person(s) named above, her	ed and valuable consideration, the receipt of ein referred to as UNDERSIGNED, hereby	
its successors, legal represer interest, for the United States	ntatives and assig s and all foreign c	ns, herein referred to collective	eering Company, a corporation of Delaware, ely as ASSIGNEE, the entire right, title and NED'S invention or improvement and to all it application entitled	
	DEWAXING WIT D FERRIERITE	H TRIVALENT RARE EARTH	METAL ION	
said application having been	executed on the	27 & 28 day(s) of Jan	tuary 19_98 , and being further	
identified as Case Number	LAW669	; and all rights of priority creat	ed by said application under provisions	
of international conventions of	or treaties.			
<ul> <li>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.</li> <li>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.</li> </ul>				
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 UNDER-SIGNED'S NAME.				
Date//23/98	Inventor	R. COOK (LS)	Witness Karl M. Thomases	
Date1-27-98	Inventor JACKV	LW Johnsons	Witness Kall Strohmain	
Date (/28/98	Inventor GUANO	(LS)	Witness Cary Cls Con	
Date/	Inventor / Co	MCEVOY The Every (LS)	Witness Karl M Tho punaice	
Date	InvantorRICHAI	RD H. ERNST (LS)	Witness Rarl D Thomas	
Date	Inventor	40	Witness	

**RECORDED: 11/12/1999** 

PATENT REEL: 010387 FRAME: 0567