FORM PTO-1619A Expires 06/30/99 OMB 06 1-0027

10-19-1999



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Conveying Pa	rty(ies)	Mark if additional names of conveying parties attached Execution			
Name (line 1)	Gallup, Darrell L.	Month Day 091919			
Name (line 2)					
Second Party Name (line 1)		Execution Month Da			
Name (line 2)			-		
Receiving Par	ty	Mark if additional names of receiving parties attac	ched		
Name (line 1)	Union Oil Company of California If document to be recorded is an assignment and the receiving party is not				
Name (line 2)		domiciled in th States, an app of a domestic	ne United ointment		
Address (line 1)	2141 Rosecrans Avenue, Suite 4000 representative is attached. (Designation must be a separate document from				
Address (line 2)		Assignment.)			
Address (line 3)	El Segundo City	CA US 90245 State/Country Zip Code			
Domestic Rep	resentative Name and A				
Nama					
Name	Yale S. Finkle				
Address (line 1)	Yale S. Finkle Union Oil Company of	California			
L		California			
Address (line 1)	Union Oil Company of	California			
Address (line 1)	Union Oil Company of 376 S. Valencia Ave.	California			
Address (line 2) Address (line 3) Address (line 4)	Union Oil Company of 376 S. Valencia Ave. Brea, CA 92823	California FOR OFFICE USE ONLY			

Public burden reporting for this collection of information is estimated to average approximately 30 minutes per Cover Sheet to be recorded, including time for reviewing the document and gathering the data needed to complete the Cover Sheet. Send comments regarding this burden estimate to the U.S. Patent and Trademark Office, Chief Information Officer, Washington, D.C. 20231 and to the Office of Information and Regulatory Affairs, Office of Management and Budget, Paperwork Reduction Project (0851-0027), Washington, D.C. 20503. See OMB Information Collection Budget Package 0851-0027, Patent and Trademark Assignment Practice. DO NOT SEND REQUESTS TO RECORD ASSIGNMENT DOCUMENTS TO THIS ADDRESS.

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PATENT

REEL: 010308 FRAME: 0546

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Corresponde	ent Name and Address	Area Code and Telephone Numb	er 714-577-2642			
Name	Yale S. Finkle	99 COT 18 73	-10-37			
Address (line 1)	Union Oil Company	of California				
Address (line 2)	376 S. Valencia Av	renue				
Address (line 3)	Brea, CA 92823					
Address (line 4)						
Pages	Enter the total number of pa including any attachments.	ages of the attached conveyance do	cument # one			
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Enter either th	e Patent Application Number or the	Patent Number (DO NOT ENTER BOTH num	bers for the same property).			
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	s being filed together with a <u>new</u> Pate t named executing inventor.	ent Application, enter the date the patent appl	lication was Month Day Year			
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has	not been assigned.					
Number of P	roperties Enter the to	otal number of properties involved.	# one			
Fee Amount	Fee Amount	for Properties Listed (37 CFR 3.41)): \$ 40.00			
	of Payment: Encl Account	osed Deposit Account x				
•		ditional fees can be charged to the account.)				
	1	Deposit Account Number:	# 21-0175			
		Authorization to charge additional fees	: Yes X No			
Statement a	nd Signature					
To the best of my knowledge and belief, the foregoing information is true and correct and any						
		original document. Charges to depo	osit account are authorized, as			
inaicat	ed herein.					
	Yale S. Finkle	Jay 5. Finde	10/13/99			
Name	of Person Signing	Signature	Date			

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PATENT

REEL: 010308 FRAME: 0547

ASSIGNMENT

Docket No. 0197007

Whereas, I, Darrell L. Gallup, of the city of Santa Rosa, state of California, have invented a certain improvement or improvements for which application for Letters Patent of the United States was filed on November 3, 1998, said application being entitled: HYDROGEN SULFIDE ABATEMENT WITH SCALE CONTROL AND/OR WELL ACIDIZING and executed by me on 14 Saptamber ' , 1999;

AND WHEREAS, UNION OIL COMPANY OF CALIFORNIA. dba Unocal, a corporation organized and existing under the laws of the State of California, and having its principal place of business in the City of El Segundo, California, is desirous of acquiring an interest therein;

NOW, THEREFORE, in consideration of the sum of One Dollar (\$1.00), and other good and valuable considerations, the receipt of which is hereby acknowledged, Darrell L. Gallup, by these presents does sell, assign, and transfer unto the said Unocal his entire and exclusive right, title, and interest in and to the inventions, as described in said application, and in and to said application and any and all other applications for Letters Patent of the United States and foreign countries for said inventions and in and to any and all Letters Patent of the United States and foreign countries granted for said inventions or upon said application or applications; said inventions, applications, and Letters Patent to be held and enjoyed by the said Unocal, for its own use and behoof, and for its assigns, transferees, and legal representatives, to the full end of the term for which Letters Patent may be granted, as fully and entirely as the same would have been held by me had this sale, assignment, and transfer not been made;

AND, I hereby authorize and request the Commissioner of Patents and Trademarks to issue any and all Letters Patent of the United States for said inventions or resulting from any of said applications therefor, to the said Unocal as the assignee of my entire right, title, and interest in and to said inventions and applications.

Executed this 19 day of September, 1999

Danellos Hally

RECORDED: 10/18/1999