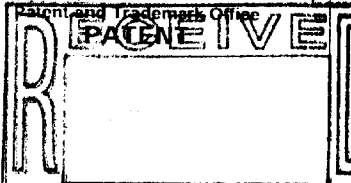


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Area Code and Telephone Number

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ASSIGNMENT

Docket No. 0196013

Whereas, I, DARRELL L. GALLUP, of the city of Santa Rosa, county of Sonoma, and state of California, have invented a certain improvement or improvements for which application for Letters Patent of the United States was filed on August 14, 1998, said application being entitled: GEOTHERMAL BRINE PROCESSING, and executed by me on September 12, 1998

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 do 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 12 day of September, 1998

Darrell L. Gallup
Darrell L. Gallup

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