06-18-2004

U.S. DEPARTMENT OF COMMERCE ΕT Form **PTO-1595** U.S. Patent and Trademark Office (Rev. 10/02) 102769902 OMB No. 0651-0027 (exp. 6/30/200! Tab settings ⇒ ⇒ ⇒ ▼ To the Honorable Commissioner of Patents and Trademarks: Please record the attached original documents or copy thereof. 2. Name and address of receiving party(ies) 1. Name of conveying party(ies): Name: Halliburton Energy Services, Inc. D. Donald Isaac Internal Address: Additional name(s) of conveying party(ies) attached? Yes 3. Nature of conveyance: Merger ✓ Assignment Street Address: 10200 Bellaire Boulevard Change of Name Security Agreement Other__ City: Houston State: TX Zip: 77072 Execution Date: June 8, 2004 Additional name(s) & address(es) attached? Yes V No 4. 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: 06/08/04 B. Patent No.(s) A. Patent Application No.(s) Additional numbers attached? Yes No 6. Total number of applications and patents involved: 5. Name and address of party to whom correspondence concerning document should be mailed: 7. Total fee (37 CFR 3.41).....\$_____ Craig W. Roddy Enclosed Halliburton Energy Services Internal Address: Authorized to be charged to deposit account 8. Deposit account number: Street Address:_ 2600 South Second Street 08-0300 City: Duncan State: OK Zip: 73536-0440 DO NOT USE THIS SPACE 9. Signature. GTDN11 00000107 080300 10864060 FC:8021 40.00 BA Craig W. Roddy Name of Person Signing

> Total number of pages including cover sheet, attachments, and documents: Mail documents to be recorded with required cover sheet information to: Commissioner of Patents & Trademarks, Box Assignments

Washington, D.C. 20231

ASSIGNMENT

Whereas, I/We, D. Donald Isaac, of Saint Tammany Parish, Mandeville, Louisiana, has invented METHODS FOR TREATING HEAVY HALIDE BRINES WITH PERMANGANATES for which I have made application for Letters Patent of the United States; and

Whereas, HALLIBURTON ENERGY SERVICES, INC., a Delaware Corporation, having a place of business at 10200 Bellaire Boulevard, Houston, Texas 77072 is desirous of acquiring an interest therein;

NOW, THEREFORE, for good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, I/We, by these presents do sell, assign and transfer and convey unto HALLIBURTON ENERGY SERVICES, INC., its successors and assigns, the full and exclusive right, for the United States of America and its territorial possessions and for any and all foreign countries, in and to the said invention, described in the Patent Application first executed on

June 8, 2004 , submitted concurrently herewith, and any divisional, continuing or reissue application based on the present application preparatory to obtaining Letters Patent of the United States therefor; said invention, application and any and all Letters Patent issuing therefor to be held and enjoyed by HALLIBURTON ENERGY SERVICES, INC., for its own use and behoof, and for its legal representatives, successors and assigns, to the full end of the term for which said Letters Patent may be granted, as fully and entirely as the same would have been held by me and had this assignment and sale not been made.

And I do further agree to sign all papers, make all rightful oaths and do all requisite acts for the filing of any disclaimer or for the filing and assignment of any divisional, continuing or reissue application or applications for patent based on the present application, as well as for any other U.S. or foreign application for patent which relates to the said invention.

And I do further agree to communicate to HALLIBURTON ENERGY SERVICES, INC., its successors, assign or other legal representatives, such facts relating to the invention disclosed in the present application or Letters Patent issuing thereon as may be known to me, and to testify as to such facts in any interference or other litigation.

REEL: 015462 FRAME: 0185

Executed this SA	_day of June, 2004, at New Orleans, Orleans Parish, Louisiana, U.S.A.
	D. Donald Isaac
State of Louisiana)) ss
Parish of Orleans) 55
Before me personally appeared said D. Donald Isaac and acknowledged the foregoing instrument	
to be his free act and de	eed this day of June, 2004.
Seal	(Notary Public)

My Commission Expires:

AT DEATH

RECORDED: 06/09/2004

PATENT REEL: 015462 FRAME: 0186