

**PATENT ASSIGNMENT**

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<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
Ryan van Zanten	04/09/2009
Douglas J. Harrison	04/10/2009
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	Halliburton Energy Services, Inc.
<b>Street Address:</b>	10200 Bellaire Boulevard
<b>City:</b>	Houston
<b>State/Country:</b>	TEXAS
<b>Postal Code:</b>	77072
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
<b>Application Number:</b>	12419893
<b>CORRESPONDENCE DATA</b>	
<b>Fax Number:</b>	(972)731-2289
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<b>Email:</b>	rcarroll@dfw.conleyrose.com
<b>Correspondent Name:</b>	Rodney B. Carroll
<b>Address Line 1:</b>	5601 Granite Parkway Suite 750
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<b>ATTORNEY DOCKET NUMBER:</b>	HES 2008-IP-011820U1
<b>NAME OF SUBMITTER:</b>	Rodney B. Carroll
<b>Total Attachments: 3</b> source=Executed Assignment#page1.tif source=Executed Assignment#page2.tif source=Executed Assignment#page3.tif	

CH \$40.00 12419893

**ASSIGNMENT**

Whereas, I, Ryan Van Zanten and Douglas J. Harrison both of Harris County, Texas have invented "VISCOELASTIC SURFACTANTS AND METHODS OF MAKING AND USING SAME" 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 serial number 12/419,893 filed on April 7, 2009 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.

Executed this 9<sup>th</sup> day of April, 2009, at Houston, TX

Ryan Van Zanten  
Ryan Van Zanten

STATE OF Texas )  
COUNTY OF Harris ) ss

Before me personally appeared said Ryan Van Zanten and acknowledged the foregoing instrument to be his free act and deed this 9<sup>th</sup> day of April, 2009.

Judith Lynn Johle  
(Notary)



