PATENT ASSIGNMENT

Electronic Version v1.1 Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
Cyrus Irani	08/20/2004
Mustafa Hakimuddin	08/20/2004

RECEIVING PARTY DATA

Name:	Halliburton Energy Services, Inc.	
Street Address:	10200 Bellaire Blvd	
City:	Houston	
State/Country:	TEXAS	
Postal Code:	77072-5206	

PROPERTY NUMBERS Total: 1

Property Type	Number	
Application Number:	11811654	

CORRESPONDENCE DATA

Fax Number: (512)610-3456

Correspondence will be sent via US Mail when the fax attempt is unsuccessful.

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Correspondent Name: Mark E. Scott/Conley Rose, P.C.

Address Line 1: P.O. Box 3267

Address Line 4: Houston, TEXAS 77253-3267

ATTORNEY DOCKET NUMBER:	1391-49002
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NAME OF SUBMITTER: Mark E. Scott

Total Attachments: 3

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PATENT REEL: 020792 FRAME: 0392

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PATENT REEL: 020792 FRAME: 0393

ASSIGNMENT

IN CONSIDERATION OF TEN DOLLARS (\$10.00) cash in hand paid to us by HALLIBURTON ENERGY SERVICES, INC., and other valuable consideration, the receipt and sufficiency of which are hereby acknowledged, we, Cyrus Irani and Mustafa Hakimuddin ("ASSIGNORS"), having made an invention in Testing of Bottomhole Samplers Using Acoustics, while in the employ either as an employee or consultant of HALLIBURTON ENERGY SERVICES, INC., a corporation organized and existing under the laws of the State of Delaware, doing business at Houston, Texas (sometimes hereinafter called "ASSIGNEE"), do hereby ASSIGN, SELL and CONVEY to said HALLIBURTON ENERGY SERVICES, INC. its successors and assigns, the entire right, title and interest throughout the world in and to:

- 1. Said invention in Testing of Bottomhole Samplers Using Acoustics;
- 2. United States of America patent application on said invention, filed concurrently herewith or as U.S. Patent Application No.

 _______ filed _______ 2004 (Attorney's File No. 1391-49001; attorney is authorized to fill in the application number and filing date after assignment by the U.S. Patent and Trademark Office), entitled Testing of Bottomhole Samplers Using Acoustics;
- 3. All applications for patent or like protection on said invention that have now been or may in the future be made by us or our legal representatives, including any continuation, continuation-in-part and any other utility applications that may be based on this invention, whether in the United States of America or any other place anywhere in the world;
- 4. All patents and like protection that have now been or may in the future be granted on said invention to us or our legal representatives, whether in the United States of America or in any other country or place anywhere in the world;
- 5. All substitutions for and divisions, continuations, continuations-in-part, renewals, reissues, extensions, and the like of said applications and patents and like grants, including without limitation, those obtained or permissible under past, present and future laws and statutes;
- 6. All rights of action on account of past, present and future unauthorized use of said invention and for infringement of said patents and like protection;
- 7. The right in ASSIGNEE to file in its name applications for patents and

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PATENT REEL: 020792 FRAME: 0394 like protection for said invention in any country or countries foreign to the United States; and

8. All international rights of priority associated with said invention, applications, patents and like protection;

and we covenant that we, and our heirs, legal representatives, assigns, administrators, and executors, will, at the expense of ASSIGNEE, its successors and assigns, execute all papers and perform such other acts as may be reasonably necessary to give ASSIGNEE, its successors and assigns, the full benefit of this Assignment.

EXECUTED at the place and on the date indicated below, opposite our signatures.

	ASSIGNORS
Date: $8/20/2004$	MANS A. Jani
71-	Cyrus Irani
Executed at: Physics	•
THE STATE OF THESE §	
COUNTY OF Harry §	

BEFORE ME, the undersigned authority, on this day personally appeared **Cyrus Irani**, known to me to be the person whose name is subscribed to the foregoing instrument, and acknowledged to me that he executed the same for the purposes and consideration therein expressed.

GIVEN UNDER MY H.	AND AND SEAL OF OFFICE, this the 2011 day of 2004.
[SEAL]	NOSON Botary Public in and for the State of Tules
My Commission Expires:	the State of 1941

				******) 1	
Date: (D8	20	2004			100
Execute	d at:	Ho	iston	Must	afa Hak	imuddin
THE ST	'ATE	OF 14	des	§	V	
COUNT	'Y O]	F 79	Jarris	§ &		

BEFORE ME, the undersigned authority, on this day personally appeared Mustafa Hakimuddin, known to me to be the person whose name is subscribed to the foregoing instrument, and acknowledged to me that he executed the same for the purposes and consideration therein expressed

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GIVEN UNDER MY	HAND AND SEAL OF OFFICE, this the 2011 day of
(regent	
(SEAL)	Notary Public in and for
My Commission Expires:	Notary Public in and for the State of
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	STATE OF RESTORES
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