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Attorney Docket No. 1391-23900

FORM PTO- 102014222 CADATION (Rev. 3/01) Patent and Trademark Office	FORM COVER SHEET U. S. DEPARTMENT OF COMMERCE	
OMB No. 0651-0027 (exp. 5/31/2002) PATENTS ONLY		
To the Honorable Commissioner of Patents and Trademarks: Please record the attached original documents or copy thereof.		
1. Name of conveying parties(ies):	2. Name and address of receiving party(ies):	
Kent Saugier	Hallburton Energy Services, Inc. 4100 Clinton Drive Building 01, 6 th Floor	
Additional name(s) of conveying party(ies):	Houston, Texas 77020	
Attached?		
3. Nature of conveyance:	Additional name(s) & address(es)	
Assignment	Attached? Yes No	
4. Application number(s) or patent number(s): 10/016,786	Lead in the second of the seco	
If this document is being filed together with a new application, the execution date of the application is:		
A. Patent Application No.(s).	B. Patent No.(s).	
Additional numbers attached? Yes No		
5. Name and address of party to whom correspondence concerning document should be mailed: Marcella D. Watkins Conley, Rose & Tayon, P.C. P. O. Box 3267 Houston, Texas 77253-3267	6. Total number of application and patents involved: 1	
Houston, Texas 7/235-3207	7. Total fee (37 CFR 3.41)\$ 40.00	
	Enclosed Authorized to be charged to deposit account Deposit account number: 03-2769	
DO NOT I	(Attach duplicate copy of this page if paying by deposit account) SE THIS SPACE	
9. Statement and signature. To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document Marcella D. Watkins Marcella D. Watkins		
Name of Person Signing Signature	Date	
Mail documents to be recorded wi	th required cover sheet information to:	

Commissioner of Patents & Trademarks, Box Assignments Washington, D. C. 20231

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PATENT

REEL: 012655 FRAME: 0250

ASSIGNMENT

IN CONSIDERATION OF TEN DOLLARS (\$10.00) cash in hand paid to me by Halliburton Energy Services, Inc., the receipt and sufficiency of which are hereby acknowledged, I, Kent Saugier ("ASSIGNORS"), having made an invention in Casing While Drilling 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"), does 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 Casing While Drilling;
- 2. United States of America patent application on said invention, Serial No. 10/016,786, filed December 10, 2001, Attorney's File No. 1391-23900 entitled Casing While Drilling;
- 3. All applications for patent or like protection on said invention that have now been or may in the future be made by me or my 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 me or my 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-inpart, 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

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PATENT REEL: 012655 FRAME: 0251 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 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 I covenant that I, and my 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 my signature.

	AŞSIGNOR
Date: 11 January 2002	Name: Kent Saugier
Executed at: Nalliburton Co.	
THE STATE OF SULAS §	
COUNTY OF Harris	
BEFORE ME, the undersigned authority, on me to be the person whose name is subscribed to the me that he executed the same for the purposes and confidence of the purpose of t	onsideration therein expressed. OF OFFICE, this the day of
[SEAL]	Notary Public in and for the State of Seylas
My Commission Expires:	
64438.01/1391.23900	
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RECORDED: 02/26/2002

CATHERINE M. MARRS Notary Public, State of Texas Commission Expires 03-22-2005

> **PATENT** REEL: 012655 FRAME: 0252