5-13-03



Form PTO-1595 RECORDATIO (Rev. 03/01) PATENT	102447399 S UNL	RTMENT OF COMMERCE atent and Trademark Office
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To the Honorable Commissioner of Patents and Trademarks: Please record the attached original documents or copy thereof.		
Name of conveying party(ies): 2. Name and address of receiving party(ies)		
Aronstam, Peter S.	Name:BAKER HUGHES INCORPORATED	
	Internal Address:	
Additional name(s) of conveying party(ies) attached? Yes V No		
3. Nature of conveyance:		
🗖 Assignment 📮 Merger		
☐ Security Agreement ☐ Change of Name	Street Address:	
Other	3900 Essex Lane, Sui	te 1200
	City: Houston Stat	e: Texas _{Zip:} 77027
Execution Date: <u>05/05/03</u>	Additional name(s) & address(es) at	tached? 📮 Yes 📮 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:		
A. Patent Application No.(s)	B. Patent No.(s)	
10/366_841		
Additional numbers attached? 🖵 Yes 📮 No		
5. Name and address of party to whom correspondence concerning document should be mailed:	6. Total number of applications a	and patents involved: 1
Name: MADAN, MOSSMAN & SRIRAM, P.C.	7. Total fee (37 CFR 3.41)\$ 40.00	
	☐ Enclosed	
Internal Address:	Authorized to be charged	I to deposit account
Street Address: 2603 Augusta, Suite 700	8. Deposit account number:	
	02-0429 (014-14996-	US)
City: Houston State: Texas Zip: 77057	(Attach duplicate copy of this page if	paying by deposit account)
DO NOT USE THIS SPACE		
	Signature Signature	May 7, 2003 Date
3 FC000PER 00000139 020429 10366841 Commissioner of Patents & Trademarks, Box Assignments Washington, D.C. 20231		

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ASSIGNMENT

IN CONSIDERATION OF ONE (1) DOLLAR AND OTHER GOOD AND VALUABLE CONSIDERATION, the receipt, sufficiency and adequacy of which are hereby acknowledged, the undersigned, do/does hereby:

SELL, ASSIGN AND TRANSFER to **BAKER HUGHES INCORPORATED**, having a place of business at **3900 ESSEX LANE**, **SUITE 1200**, **HOUSTON**, **TEXAS 77027**, the entire right, title and interest for the United States and all foreign countries in and to any and all inventions and improvements which are disclosed in the application for United States Letters Patent, which has been executed by the undersigned and is entitled "**PERMANENT DOWNHOLE RESONANT SOURCE"**, (further identified as U.S. Serial No. 10/366,841, filed February 14, 2003) such application and all divisional, continuing, substitute, renewal, reissue and all other applications for patent which have been or shall be filed in the United States and all foreign countries on any of such inventions or improvements; all original and reissued patents which have been or shall be issued in the United States and all foreign countries on such inventions or improvements; and specifically including the right to file foreign applications under the provisions of any convention or treaty and claim priority based on such application in the United States;

AUTHORIZE AND HEREBY REQUEST the issuing authorities to issue any and all United States and foreign patents granted on such inventions or improvements to **BAKER HUGHES INCORPORATED**;

WARRANT AND COVENANT that no assignment, grant, mortgage, license or other agreement affecting the rights and property herein conveyed has been or will be made to others by the undersigned, and that the full right to convey the same as herein expressed is possessed by the undersigned;

COVENANT, when requested and at the expense of the Assignee, to carry out in good faith the intent and purposes of this assignment, the undersigned will execute all divisional, continuing, substitute, renewal, reissue, and all other patent applications on any and all such improvements; execute all rightful oaths, declarations, assignments, powers of attorney and other papers; communicate to the Assignee all facts known to the undersigned relating to such improvements and the history thereof; and generally do everything possible which the Assignee shall consider desirable for vesting title to such improvements in the Assignee, and for securing, maintaining and enforcing proper patent protection for such improvements;

TO BE BINDING on the heirs, assigns, representatives and successors of the undersigned and extend to the successors, assigns and nominees of the Assignee.

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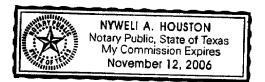
Assignment

PATENT REEL: 014049 FRAME: 0642 (Signature) Peter S. Aronstam Date May 5, 2003

IN WITNESS WHEREOF, the undersigned have hereunto subscribed their names

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BEFORE ME, the undersigned authority, on this 5^{1} day of MeV 2003, 2003 personally appeared **Peter S. Aronstam** the person whose name is subscribed to the foregoing instrument and acknowledged to me that he executed the same of his own free will for the purposes and consideration therein expressed.



RECORDED: 05/13/2003

Notary Public