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FORM PTO-1595
1-31-92
4.19.99

04-30-1999



101025412

U.S. DEPARTMENT OF COMMERCE Palent and Trademark Office

To the Honorable Commissioner of Patents and Trademarks. Please record the attached original documents or copy thereof.	
Name of conveying party(ies): Joel Starr	2. Name and address of receiving party(les)
Additional name(s) of conveying party(ies) attached? yes _X_ no	Name: PGS Tensor Inc. Internal Address:
	Street Address: 10550 Richmond, Suite 300 Houston, Texas 77042 USA
	Additional name(s) & address(es) attached? Yes X No
3. Nature of Conveyance:	
X Assignments Merger	
Security Agreement Change of Name	
Other	
Execution Date(s): 11/14/97	
4. Application number(s) or patent number(s): 08/970,674	P30078US
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 X_No	
5. Name and address of party to whom correspondence concerning documents should be mailed:	6. Total number of applications and patents involved: 1
Name: Gordon T. Arnold	
Internal Address: Arnold & Associates	
Street Address: 2603 Augusta, Suite 800 Houston, Texas 77057	
	7. Total fee (37 CFR 3.41) \$ 40.00
	Enclosed
	_X_ Authorized to be charged to deposit account
	8. Deposit account number: 01-2511
	(Attach duplicate copy of this page if paying by deposit account)
DO NOT USE 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.	
Gordon T. Arnold   The state of Person Signing   Signature   Date   Date   Date   The state of Person Significant of Person Signature   Date   Date	
Total number of pages comprising cover sheet1	
OMB No. 0651-0011 (exp. 4/94)	
Do not detach this portion  Mail documents to be recorded with required cover sheet information to:	
99 DNGUYEN 00000321 012511 08970674 Commissioner of Patents and Trademarks Box Assignments	
Washington, D.C. 20231	

**PATENT REEL: 9909 FRAME: 0547** 

## **ASSIGNMENT**

For value received, the receipt, sufficiency and adequacy of which is hereby acknowledged, I, Joel Starr residing at 2107 Musket Ridge, Richmond, TX 77469, USA, hereby sell, assign and transfer unto PGS Tensor, Inc., a Delaware corporation, having principal place of business at 10550 Richmond, Suite 300, Houston, TX 77042 all of my right, title and interest in and to all inventions disclosed and/or claimed in a certain patent application for United States Letters Patent filed in the United States Patent and Trademark Office concurrently with this assignment and entitled METHOD OF CREATING COMMON-OFFSET/COMMON-AZIMUTH GATHERS IN 3-D SEISMIC SURVEYS AND METHOD OF CONDUCTING REFLECTION ATTRIBUTE VARIATION ANALYSIS (Attorney Docket P30078US); all of my right, title and interest in and to any patent application and any patent deriving therefrom, and in and to any patent applications filed either singly or jointly by me for any of said inventions, including all divisions, reissues, continuations, extensions, substitutions and applications foreign to the United States, together with all right to make application for and obtain patent protection for said invention or inventions in any and all countries foreign to the United States and specifically including the right to claim priority under the terms of the Paris Convention, the Patent Cooperation Treaty, and any other international convention or treaty, based on said application or Letters Patent in the United States; and all of my right, title and interest in and to all patents granted on said invention or inventions.

And I hereby authorize and request the Commissioner of Patents and Trademarks or any other proper officer to issue all Letters Patents granted on said invention or inventions or resulting from said application and from any and all divisions, continuations, and reissues thereof, to PGS Tensor, Inc., as assignee of my entire interest.

And I further hereby covenant and agree that I will, at any time, upon request, execute and deliver any and all papers that may be necessary or desirable to perfect the title of said invention and to such Letters Patent as may be granted therefor, to PGS Tensor, Inc., its successors, assigns, or other legal representatives. I further covenant and agree to file any divisional or continuation applications or to secure a reissue of such Letters Patent, or to file a disclaimer relating thereto, and I will upon request, sign all papers, make all rightful oaths and continuation application, or such application for reissue and the procuring thereof, and for the filing of such disclaimer, without further compensation but at the expense of said assignee, its successors, or other legal representatives.

And I further covenant and agree that I will, at any time upon request, communicate to PGS Tensor, Inc., its successors, assigns or other legal representatives, such facts relating to said invention and Letters Patent or the file history thereof as may be known to me, and testify as to the same in any interference or other litigation when requested so to do, without further compensation but at the expense of said assignee, its successors, or other legal representatives.

EXECUTED this <u>3</u> day of <u>MARCA</u>, <del>1997</del>

RECORDED: 04/19/1999

Koel/Starr

STATE OF TEXAS

**COUNTY OF HARRIS** 

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BEFORE ME, the undersigned authority, on the day and year above specified, personally appeared known to me to be the person whose name is subscribed to the foregoing Assignment, and acknowledged to me that he executed the instrument of his own free will and for the purposes and consideration therein expressed.

Notary Public State of Texas

TANYA TEDDER
Notary Public, State of Texas
My Commission Expires 12-27-98

PATENT REEL: 9909 FRAME: 0548