

PATENT ASSIGNMENT

Electronic Version v1.1

Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
EFFECTIVE DATE:	03/11/2006
CONVEYING PARTY DATA	
Name	Execution Date
Grant Hocking	03/11/2006
RECEIVING PARTY DATA	
Name:	GeoSierra LLC
Street Address:	3560 Engineering Drive
City:	Norcross
State/Country:	GEORGIA
Postal Code:	30092
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	11363540
CORRESPONDENCE DATA	
Fax Number:	(404)685-7041
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>	
Phone:	404 815 3741
Email:	dlscher@sgrlaw.com
Correspondent Name:	Dale Lischer
Address Line 1:	1230 Peachtree Street, NE
Address Line 2:	Suite 3100, Promenade II
Address Line 4:	Atlanta, GEORGIA 30309
ATTORNEY DOCKET NUMBER:	041045.012
NAME OF SUBMITTER:	Dale Lischer
Total Attachments: 2	
source=041045012assmt#page1.tif	

OP \$40.00 11363540

500092161

PATENT
REEL: 017436 FRAME: 0748

ASSIGNMENT

This Assignment agreement is applicable to an invention entitled:

Initiation and Propagation Control of Vertical Hydraulic Fractures in Unconsolidated and Weakly Cemented Sediments

The PATENT RIGHTS referred to in this agreement are:

- (check one) ☐ a patent application about to be filed in the United States Patent and Trademark Office.
- ☐ a patent application for this invention, executed by the ASSIGNOR concurrently with this Assignment.
- ☒ U.S. Patent Application No. 11/363,540, filed **February 27, 2006**.
- ☐ a U.S. patent application based on PCT International Application No. _____ filed on (date) _____ (U.S. patent application Serial No. _____, if known).
- ☐ U.S. patent No. _____, issued _____.

The PATENT RIGHTS also include all non-provisionals, divisions, reissues, continuations and extensions of the patent application identified above.

The PATENT RIGHTS assigned under this agreement are:

- (check one) ☐ U.S. patent rights only.
- ☒ Worldwide patent rights. In addition, the assignee shall have the right to claim the benefit of the filing date of any U.S. or foreign patent application for this invention.

The ASSIGNOR referred to in this agreement is the inventor whose signature appears on page 2 of this Assignment.

The ASSIGNEE referred to in this agreement is:

(Name of Assignee) GeoSierra LLC

(Address): 3560 Engineering Drive, Norcross, Georgia 30092.

The ASSIGNEE is:

- (check one) ☐ An Individual.
- ☐ A Partnership.
- ☒ A Corporation of Delaware (specify state or country)
- ☐ (other) _____.

THIS IS PAGE 2 OF AN ASSIGNMENT FROM THE INVENTOR(S) TO

ASSIGNEE: **GeoSierra LLC**

INVENTION TITLE: **Initiation and Propagation Control of Vertical Hydraulic Fractures in Unconsolidated and Weakly Cemented Sediments**

The ASSIGNOR, in consideration of \$10.00 paid by the ASSIGNEE, and other good and valuable consideration, the receipt and sufficiency of which is acknowledged, hereby assigns the following rights to the ASSIGNEE, its successors and assigns:

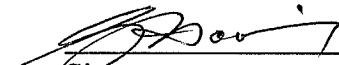
the full and exclusive right to the invention;
the entire right, title and interest in and to the PATENT RIGHTS;
the right to sue and recover for any past infringement; and,
the right to claim priority under 35 USC 119, 35 USC 120, or any other applicable provisions, based on any earlier patent applications for this invention.

As to all U.S. patent applications assigned under this agreement, the ASSIGNOR hereby authorizes and requests the Commissioner of Patents and Trademarks to issue all Letters Patent to the ASSIGNEE as the assignee of the entire right, title and interest, for the sole use and enjoyment of said ASSIGNEE, its successors and assigns.

Further, the ASSIGNOR agrees to communicate to said ASSIGNEE, or its representatives, any facts known to the ASSIGNOR respecting said invention, and testify in any legal proceedings, sign all lawful papers, execute all divisional, continuation, substitute, renewal, reexamination and reissue applications, execute all necessary assignment papers to cause any and all Letters Patent to be issued to said ASSIGNEE, make all rightful oaths and generally do everything necessary or desirable to aid said ASSIGNEE, its successors and assigns, to obtain and enforce proper protection for said invention.

The ASSIGNOR authorizes any attorneys and agents who have a power of attorney in this application to check any appropriate boxes and to insert the Application Number and filing date in this document after it has been executed.

Grant HOCKING
Name of Inventor


Signature

3/11/06
Date