

## PATENT ASSIGNMENT

Electronic Version v1.1

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
W. Lynn Frazier	12/28/2012
Patricia A. Frazier	12/28/2012
RECEIVING PARTY DATA	
Name:	Frazier Ball, LLC
Street Address:	5655 Bear Lane
City:	Corpus Christi
State/Country:	TEXAS
Postal Code:	78405
PROPERTY NUMBERS Total: 6	
Property Type	Number
Application Number:	61738519
Application Number:	61648749
Application Number:	11851536
Patent Number:	7861875
Application Number:	12984514
Patent Number:	8033333
CORRESPONDENCE DATA	
Fax Number:	2102424656
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>	
Phone:	210-978-7700
Email:	scrاندالlipdocket@jw.com
Correspondent Name:	Sean C. Crandall
Address Line 1:	112 E. Pecan Ste. 2400
Address Line 4:	San Antonio, TEXAS 78205
NAME OF SUBMITTER:	Sean C. Crandall
Total Attachments: 2 source=Assignment#page1.tif source=Assignment#page2.tif	

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## PATENT ASSIGNMENT

W. Lynn Frazier, co-inventor of the invention of U.S. Patent Application Serial Nos. 61/738,519, 61/648,749, 11/851,536 (now Patent No. 7,861,875), and 12/984,514 (now Patent No. 8,033,333), and an owner of 50% of an undivided interest in and to the said applications and patents, and Patricia Frazier, his wife at the time of filing of all the applications and now, and the owner of 50% of an undivided interest in and to the said applications and patents, hereby each do separately assign to Frazier Ball, L.L.C. ("Assignee"), a Texas limited liability company, its successors, legal representatives and assigns, each and all of their right, title, and interest, whether individual or joint, without limitation to geography or scope, in the following:

Patent No. or Application Serial No.	Title	Filing/Registration Date
S/N 61/738,519	High-Molecular-Weight Polyglycolides for Hydrocarbon Recovery (Inventors: W. Lynn Frazier; Garrett Frazier; Derrick Frazier)	Filed: 18 Dec. 2012
S/N 61/648,749	Soluble Composite Pumpdown Ball (Inventors: W. Lynn Frazier; Garrett Frazier; Derrick Frazier)	Filed: 18 May 2012
S/N 11/851,536 Patent No. 7,861,875	Downhole Perforation Tool and Method of Subsurface Fracturing (Inventors: W. Lynn Frazier; Garrett Frazier)	Filed 7 Sep. 2007 Issued: 4 Jan. 2011
S/N 12/984,514 Patent No. 8,033,333 (Continuation of Application No. 11/851,536, now Pat. No. 7,861,875)	Downhole Perforation Tool (Inventors: W. Lynn Frazier; Garrett Frazier)	Filed 4 Jan. 2011 Issued 11 Oct. 2011

This Assignment includes all of W. Lynn Frazier's and all of Patricia Frazier's rights in U.S. and foreign applications filed on U.S. Patent Application Serial Nos. 11/851,536, 12/984,514, 61/738,519 and 61/648,749 and patents issuing on or claiming priority to U.S. Patent Application Serial Nos. 61/738,519, 61/648,749, 11/851,536 (now Patent No. 7,861,875), and 12/984,514 (now Patent No. 8,033,333), except continuations-in-part applications.

We hereby authorize and request the Commissioner of Patent and Trademarks of the United States to issue all Letters Patent based on said applications and each division, continuation, substitution, reissue, renewal and extension thereof to said ASSIGNEE, its successors and assigns to reflect the interests assigned herein.

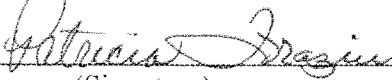
W. LYNN FRAZIER

By:   
(Signature)

Date: 12/28/12

6:26  
PM

PATRICIA FRAZIER

By:   
(Signature)

Date: 12/28/2012  
6:26 p.m.