

05-03-2007

U.S. DEPARTMENT OF COMMERCE
United States Patent and Trademark Office



103401658

To the Director of the U.S. Patent and Trademark Office: Please record the attached documents or the new address(es) below.

1. Name of conveying party(ies)

Kevin W. Smith
Robert L. Sloan
Harry D. Smith, Jr.

Additional name(s) of conveying party(ies) attached? ☐ Yes ☒ No

3. Nature of conveyance/Execution Date(s):

Execution Date(s) 4/20/2007

- ☒ Assignment ☐ Merger
☐ Security Agreement ☐ Change of Name
☐ Joint Research Agreement
☐ Government Interest Assignment
☐ Executive Order 9424, Confirmatory License
☐ Other _____

2. Name and address of receiving party(ies)

Name: Total Separation Solutions, LLC

Internal Address: _____

Street Address: 6650 W. Sam Houston Pkwy

City: Houston

State: Texas

Country: USA Zip: 77041

Additional name(s) & address(es) attached? ☐ Yes ☒ No

4. Application or patent number(s):

☐ This document is being filed together with a new application.
A. Patent Application No.(s)
11/703,950
B. Patent No.(s)

Additional numbers attached? ☐ Yes ☒ No

5. Name and address to whom correspondence concerning document should be mailed:

Name: William L. Krayner

Internal Address: _____

Street Address: 1771 Helen Drive

City: Pittsburgh

State: PA Zip: 15216

Phone Number: 412 343 3305

Fax Number: _____

Email Address: _____

6. Total number of applications and patents involved: 1

7. Total fee (37 CFR 1.21(h) & 3.41) \$ 40.00

- ☐ Authorized to be charged by credit card
☐ Authorized to be charged to deposit account
☒ Enclosed
☐ None required (government interest not affecting title)

8. Payment Information

a. Credit Card Last 4 Numbers _____
Expiration Date _____

b. Deposit Account Number _____

Authorized User Name _____

9. Signature:

William L. Krayner

April 30, 2007

DBYRNE 00000138 11703950

Signature

Date

(40.00 William L. Krayner)
Name of Person Signing

Total number of pages including cover sheet, attachments, and documents: 2

Documents to be recorded (including cover sheet) should be faxed to (571) 273-0140, or mailed to:
Mail Stop Assignment Recordation Services, Director of the USPTO, P.O.Box 1450, Alexandria, V.A. 22313-1450

ASSIGNMENT

WHEREAS, the undersigned employees (and consultant, in the case of Harry Smith) of **Total Separation Solutions, LLC**, a limited liability company of Texas having offices at 6650 W. Sam Houston Pkwy, Houston TX 77041, (hereafter TSS, LLC) have made inventions or improvements entitled:

Cesium Recycling in Completion and Workover Fluids

which was filed on February 8, 2007 as an application for United States Letters Patent for said inventions or improvements, said application bearing Application Number 11/703,950 and being a continuation-in-part of Application Number 11/352,889 filed February 13, 2006;

NOW THEREFORE, and intending to be legally bound, I hereby assign and transfer unto said TSS, LLC the entire right, title and interest in and to said application and inventions or improvements for the United States and all foreign countries, together with all divisions, continuations, continuations-in-part and reissues of said application, with the right to file applications for and to obtain patents and/or other protection for said inventions or improvements in all countries foreign to the United States and to claim for such foreign applications the benefit of the International Convention.

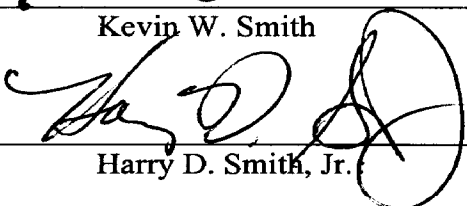
Executed this 20th day of April, 2007.



Kevin W. Smith



Robert L. Sloan

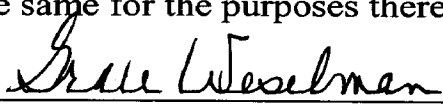


Harry D. Smith, Jr.

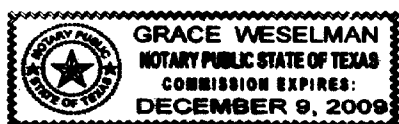
ACKNOWLEDGMENT

State of Texas)
County of Harris) SS

Personally appeared before me this 20th day of April, 2007 Kevin W. Smith, Robert L. Sloan, and Harry D. Smith, Jr., to me known and known to me to be the person(s) who executed the foregoing instrument and acknowledged that they executed and delivered the same for the purposes therein stated.



Notary Public



PATENT

RECORDED: 05/02/2007

REEL: 019247 FRAME: 0942