

4/2/02



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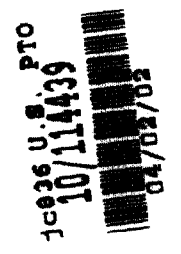
To the Honorable Commissioner of Patents and original documents or copy thereof

1. Name of conveying party(ies): James R. Crawford

Name: Superior Services, LLC Internal Address: Street Address: 1105 Peters Road City: Harvey State: LA Zip: 70058

3. Nature of conveyance: Assignment Merger Security Agreement Change of Name Other Execution Date: 3/21/2002

Additional name(s) & address(es) attached? 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: 3/21/2002

A. Patent Application No.(s)

B. Patent No.(s) 10/114439

5. Name and address of party to whom correspondence concerning document should be mailed: Name: Gregory C. Smith Internal Address: Garvey, Smith, Nehrbass & Doody, LLC Street Address: 3838 N. Causeway Blvd., Suite 3290 City: Metairie State: LA Zip: 70002

6. Total number of applications and patents involved: 1

7. Total fee (37 C.F.R. 3.41) \$40.00 Enclosed Authorized to be charged to deposit account

8. Deposit account number: 50-0694 (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. Gregory C. Smith Name of Person Signing Signature Date 4/02/02

04/09/2002 TB1A21 00000261 10114439 FC:581 40.00 GP Total number of pages including cover sheet, attachments and document: 4

ASSIGNMENT

WHEREAS, I, James R. Crawford, am the sole inventor of Bi-directional Thruster Pig Apparatus and Method of Utilizing Same, application for United States Letters Patent which is executed of even date herewith; and

WHEREAS, Superior Services, LLC, a Limited Liability Company created and existing under and by virtue of the laws of the State of Louisiana is desirous of acquiring the entire right, title and interest in and to the aforesaid invention throughout the world, and all right, title and interest in, to and under any and all Letters Patent of the United States and all other countries throughout the world;

NOW, THEREFORE, for and in consideration of the sum of One Dollar (\$1.00) to me in hand paid by Superior Services, LLC and for other good and valuable considerations, the receipt of which is hereby acknowledged, I hereby sell, assign, transfer and set over to Superior Services, LLC all right, title and interest in and to the said invention throughout the world, and said application for U.S. Letters Patent, and any and all divisions, continuations, continuations-in-part, and reissues thereof, and any and all Letters Patent of the United States and foreign countries which may be granted therefor, the same to be held and enjoyed by Superior Services, LLC for its own use and benefit, and for the use and benefit of its successors, assigns, or other legal representatives, to the end of the term or terms for which

said Letters Patent of the United States or foreign countries are or may be granted or reissued, as fully and entirely as the same would have been held and enjoyed by me if this assignment and sale had not been made.

And I hereby authorize and request the Commissioner of Patents and Trademarks to issue any and all Letters Patent of the United States on said invention or resulting from said application and from any and all divisions, continuations, continuations-in-part, and reissues thereof, to Superior Services, LLC as assignee of my entire interest, and hereby covenant that I have the full right to convey the entire interest herein assigned, and that I have not executed and will not execute any agreement in conflict herewith.

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 Superior Services, LLC, its successors, assigns, or other legal representatives and that if Superior Services, LLC, its successors, assigns or other legal representatives shall desire to file any divisional continuation, or continuation-in-part applications or to secure a reissue of such Letters Patent, or to file a disclaimer relating thereto, will upon request, sign all papers, make all rightful oaths and do all lawful acts requisite for the filing of such divisional, continuation, or continuation-in-part 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 do further covenant and agree that I will, at any time upon request, communicate to Superior Services, LLC, 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 21st day of March, 2002.

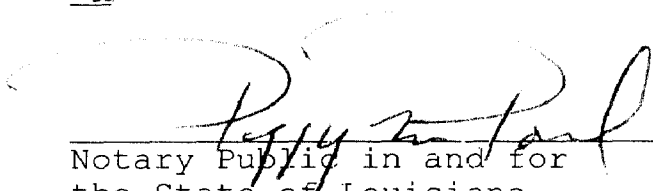
  
James R. Crawford

STATE OF LOUISIANA

PARISH OF LAFAYETTE

BEFORE ME, the undersigned authority, on this day personally appeared James R. Crawford, known to me to be the person whose name is subscribed to the foregoing instrument, and acknowledged to me that he executed the same for the purposes and consideration therein expressed.

GIVEN UNDER MY HAND and seal of office this 21st day of March, 2002.

  
Notary Public in and for  
the State of Louisiana

Peggy M. Pond