	S ONLY 5803, 1608				
To the Director of the U.S. Patent and Trademark Office: Pleas	e record the attached documents or the new address(es) below.				
1. Name of conveying party(ies) William J. Rankin Matthew W. Logan	2. Name and address of receiving party(ies)  Name: TDW Delaware, Inc.  Internal Address:				
Additional name(s) of conveying party(ies) attached? X Yes No.  3. Nature of conveyance/Execution Date(s):  Execution Date(s)07/20/2010  X Assignment Merger  Security Agreement Change of Name  Joint Research Agreement  Government Interest Assignment  Executive Order 9424, Confirmatory License  Other	Street Address: 1100 Market Street, Suite 780  City: Wilmington  State: DE  Country: Zip: 19801  Additional name(s) & address(es) attached? Yes X No				
A. Patent Application No.(s)	document is being filed together with a new application.  B. Patent No.(s)  ached? Yes X No				
5. Name and address to whom correspondence concerning document should be mailed:	6. Total number of applications and patents involved:				
Name: Paul E. Rossler, Gable Gotwals Internal Address:	7. Total fee (37 CFR 1.21(h) & 3.41) \$ 40.00  X Authorized to be charged to deposit account				
Street Address: 100 West 5th Street, 10th Floor	Enclosed  None required (government interest not affecting title)				
City: Tulsa	8. Payment Information				
State: OKZip: 74103					
Phone Number: (918) 595-4963	D: 4 4 501071				
Fax Number: (918) 595-4990	Deposit Account Number 501971				
Email Address: iplaw@gablelaw.com	Authorized User Name Gable Gotwals				
9. Signature:    Signature	フリング 21, 2010 Date				
Paul E. Rossler Name of Person Signing	Total number of pages including cover sheet, attachments, and documents: 5				

ATTACHMENT FOR RECORDATION FORM COVER SHEET PATENTS ONLY (Form PTO-1595)						
Name of conveying party(ies):						
Robert F. Strong						
Additional name(s) of conveying party(ies) attached?	☐ Yes ☒ No					
Name and address of receiving party(ies)						
Name:						
Internal Address:						
Street Address: State:						
City: State						
Name and address of receiving party(ies)						
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Additional name(a) & address(es) attached?	Li Yes Xi No					
Application number(s) or patent number(s):						
If this document is being filed together with a new applica	ation, the execution date of the application is:					
A. Patent Application No.(s)	B. Patent No.(s)					
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Additional numbers attached?	☐ Yes 🎛 No					
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PATENT REEL: 024718 FRAME: 0583

### ASSIGNMENT OF INVENTION

This assignment of invention is effective immediately, and is between William J. Rankin, Matthew W. Logan and Robert F. Strong (individually and collectively, "the inventor") and TDW Delaware, Inc. ("TDW"), a Delaware corporation.

For good and valuable consideration, the inventor agrees to the following provisions.

### 1. BACKGROUND

- 1.1 The inventor has invented a PIPELINE DEBRIS SHEARING DEVICE ("the invention") and has made an application for a U.S. Patent on the invention.
- 1.2 TDW desires to obtain the entire interest in the subject matter of the invention for the United States and its territorial possessions and in all foreign countries. This interest includes all rights to claim priority to the invention and any improvements made to the invention.
- 1.3 The inventor has not entered into any prior assignment, sale, agreement or encumbrance of the invention that would conflict with the assignment to TDW.
- 1.4 The inventor acknowledges the receipt of good and valuable consideration from TDW in exchange for this assignment.

### 2. ASSIGNMENT

- 2.1 The inventor hereby assigns to TDW the entire interest in the invention.
- 2.2 The inventor shall not enter into any future assignment, sale, agreement or encumbrance of the invention that would conflict with the assignment to TDW.

## 3. PATENT PROSECUTION, MAINTENANCE, AND LITTGATION

- 3.1 The inventor must, upon request by TDW or its successors and assigns, promptly provide facts and documents relating to the invention, including but not limited to instruments and affidavits required to prosecute the patent application and to issue and maintain the patent.
- 3.2 The inventor shall provide facts and testify as needed in any proceeding or litigation relating to the invention.

# 4. SIGNATURES

By signing this assignment of invention, I understand that it provides an assignment of the entire interest in the invention to:

TDW Delaware, Inc. 1100 Market Street, Suite 780 Wilmington, DE 19801 State of Formation: Delaware

Assignment of Invention-page 1 of 3

Ву:	William J. Rankin/ 809 South Moccasin P Sapulpa, Oklahoma 7 Citizenship: United St	4066	<u>.                                    </u>			
	OF OKLAHOMA	) ) ss )				
signed to	n J. Rankin personally this assignment of inver Public  ssion No.	PU	Notary Pu	day of _ ne voluntarily sign blic Oklehoma CIAL SEAL ER DAVIS ON #: 07007869		2010, and
ву:	Matthew W. Logan 4541 South 202nd Eas Broken Arrow, Oklah Citizenship: United St	oma 74014				
	OF OKLAHOMA	) ) ss )				
signed to	w W. Logan personalithis assignment of inverse Public ssion No	ntion and ackno	OWIEdged that I	day of the voluntarily sign of	oma	, 2010, and

[SIGNATURE PAGE CONTINUES]

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Assignment of Invention-page 2 of 3

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By:	Interf S	Stan			
-	Robert F. Strong		**		
	12165 North 108th Eas				
	Collinsville, Oklahoma				
	Citizenship: United Sta	ites			
STAT	E OF OKLAHOMA	) ) ss			
COUN	NTY OF TULSA	)			
Rober this as	t F. Strong personally ap signment of invention an	peared before me d acknowledged ti	this <u>A()</u> day nat he voluntarily o	of OCCL	, 2010, and signed
Arti Notar	y Rublic	<del>)</del>	PUBLIC \	ary Public Oklahoma OFFICIAL SEAL GINGER DAVIS	
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**RECORDED: 07/21/2010** 

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