OMB No. 0651-0027 (exp. 11/30/2008)	12-02-	2008	United States Patent	and Trademark Office
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To the Director of the U.S. Patent a.	103537	586	documents or the new add	lress(es) below.
. Name of conveying party(ies)		2. Name and	address of receiving p	arty(ies)
		Name: <u>VETCO</u>	GRAY INC.	
Joseph S.Y. Liew		Internal Address:		
additional name(s) of conveying party(ies) attack		ľ		
B. Nature of conveyance/Execution I	Date(s):	Street Addre	SS: 3010 BriarPark, Third Floor	
Execution Date(s) October 24, 2008  Assignment  Me	erger			
	ange of Name	City: Houston		
Joint Research Agreement		State: TX		
Government Interest Assignment				
Executive Order 9424, Confirmator	ry License	Country: <u>us</u>	Zip: <u>7:</u>	7042
Other		Additional nam	e(s) & address(es) attache	d? ☐ Yes ☒ No
A. Patent Application No.(s)		B. Patent	140.(5)	-
12/258,927				
Α	additional numbers at		No hay of applications and	22 Z
A. Name and address to whom corre	espondence		⊠No ber of applications and	SE 22
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5. Name and address to whom correction concerning document should be made Name: Patent Department, Vetco Gray Inc. (V20) Internal Address:  Street Address: 12221 North Houston Rosslyr City: Houston State: TX Zip: 77 Phone Number: 281-405-3362 Fax Number: 281-684-5103	espondence ailed: 08032)	6. Total numinvolved: 1 7. Total fee Authoriz Enclose None re 8. Payment	ber of applications and applications and applications and applications and applications are applicated to be charged to depote a	\$40  sit account  t not affecting title)
5. Name and address to whom correction concerning document should be made Name: Patent Department, Vetco Gray Inc. (V20)  Internal Address:  Street Address: 12221 North Houston Rosslyr  City: Houston  State: TX Zip: 77  Phone Number: 281-405-3362  Fax Number: 281-684-5103  Email Address: ralph.graham@docom	espondence ailed: 08032)	6. Total numinvolved: 1 7. Total fee Authoriz Enclose None re 8. Payment	ber of applications and 37 CFR 1.21(h) & 3.41) ed to be charged to depond quired (government interest information  Account Number 22-0279	\$40  sit account  t not affecting title)
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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

PATENT REEL: 021917 FRAME: 0061

## PATENT APPLICATION ASSIGNMENT

Docket No. V2008032

WHEREAS, I, Joseph S.Y. Liew, a citizen of Australia, residing at 22 Jalan Lempeng, Tower A, #08-09, Singapore 120883, have invented new and useful improvements in

## RECESSED CUTTING EDGE FOR WIRE CUTTING GATE VALVES

for which an application for Letters Patent was filed on October 27, 2008 as patent application Serial No. 12/258,927, and further being identified by Attorney's Docket No. V2008032.

WHEREAS, VETCO GRAY INC., a corporation of the State of Delaware, having a principal place of business at 3010 BriarPark, Third Floor, Houston, Texas 77042, is desirous of acquiring my entire right, title and interest in said application and my Letters Patent which may issue thereon.

NOW THEREFORE, be it known by all whom it may concern that for and in consideration of One Dollar (\$1.00), and other good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, I hereby assign to said corporation, both in and for the territory of the United States of America and the entire world, all my title and interest in and to said invention, patent application and any patent which may issue thereon, including all divisions, continuations, reissues, continuations-in-part and substitutions thereof, plus all priority rights for patent applications foreign to the United States of America.

I further hereby assign and transfer to said corporation whatever cause of action I may have for past or present infringement of said invention, together with the right to bring suit for any such infringement and to seek and receive damages and other relief arising from any such infringement.

I HEREBY covenant and agree that I will at any time, upon the request and at the expense of said corporation, execute and deliver any and all papers and do all lawful acts that may be necessary or desirable to perfect the title and said invention, applications and patents, and I authorize the Commissioner of Patents and Trademarks to issue Letters Patent to said corporation.

HOUSTON\2226729.1

PATENT REEL: 021917 FRAME: 0062 IN TESTIMONY WHEREOF, I execute this Assignment on the 24th day of October, 2008.

Joseph S.Y. Liew

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**RECORDED: 12/01/2008** 

PATENT REEL: 021917 FRAME: 0063