# TRADEMARK ASSIGNMENT

Electronic Version v1.1 Stylesheet Version v1.1

SUBMISSION TYPE: NEW ASSIGNMENT

NATURE OF CONVEYANCE: NUNC PRO TUNC ASSIGNMENT

### **CONVEYING PARTY DATA**

Name	Formerly	Execution Date	Entity Type
Stolt Offshore Inc.	American Oilfield Divers, Inc.	08/26/2004	CORPORATION: LOUISIANA

### RECEIVING PARTY DATA

Name:	Oil States Industries, Inc.
Street Address:	7701-A South Cooper Street
City:	Arlington
State/Country:	TEXAS
Postal Code:	76001
Entity Type:	CORPORATION: DELAWARE

PROPERTY NUMBERS Total: 1

Property Type	Number	Word Mark
Registration Number:	1309647	BIMS

# **CORRESPONDENCE DATA**

Fax Number: (713)456-2836

Correspondence will be sent via US Mail when the fax attempt is unsuccessful.

Phone: 7137510655

Email: richard.auchterlonie@novakdruce.com

Correspondent Name: Novak Druce LLP

Address Line 1: 1000 Louisiana, Suite 5320 Address Line 4: Houston, TEXAS 77002

NAME OF SUBMITTER:

Richard C. Auchterlonie

Total Attachments: 17

source=Page 0#page1.tif

source=Page 1#page1.tif

source=Page 2#page1.tif

source=Page 3#page1.tif

source=Page 4#page1.tif

source=Page 5#page1.tif

source=Page 6#page1.tif

900013048

TRADEMARK REEL: 002940 FRAME: 0862 OF \$40.00 130964



# NUNC PRO TUNC ASSIGNMENT OF U.S. TRADEMARK REG. 1,309,647

- 1. Stolt Offshore Inc. and Oil States Industries, Inc. are parties to the attached Intellectual Property Assignment and License executed 15 August 2002 (hereinafter the "Intellectual Property Assignment and License").
- 2. As of 14 August 2002, Stolt Offshore Inc. was the owner of U.S Trademark Reg. 1,309,647 for the mark BIMS.
- 3. The Trademark BIMS, as described in U.S Trademark Reg. 1,309,647, is related to the "Business" as defined in the Intellectual Property Assignment and License, and was included in the "Intellectual Property" as defined in the Intellectual Property Assignment and License.
- 4. U.S. Trademark Reg. 1,309,647 was inadvertently omitted from the list of registered trademarks in Exhibit B to the Intellectual Property Assignment and License.
- 5. Pursuant to the numbered paragraph 3 of the Intellectual Property Assignment and License, the entire right, title and interest in and to U.S Trademark Reg. 1,309,647, together with the goodwill of the business symbolized by the BIMS mark and U.S Trademark Reg. 1,309,647, was assigned to Oil States Industries, Inc. as of the "Effective Date" of 14 August 2002.
- 6. Pursuant to the numbered paragraph 5 of the Intellectual Property Assignment and License, Stolt Offshore Inc. does hereby assign nunc pro tunc as of 14 August 2002 the entire right, title and interest in and to U.S. Trademark Reg. 1,309,647, together with the goodwill of the business symbolized by the BIMS mark and U.S. Trademark Reg. 1,309,647.

STOLT OFFSHORE INC.

Signature / execution:

Printed Name: Ouinn J. Hebert

Title: President Date: 26AUG04

STATE OF TEXAS COUNTY OF HARRIS

Before me appeared said Quinn J. Hebert and acknowledged execution of the foregoing NUNC PRO TUNC ASSIGNMENT OF U.S. TRADEMARK REG. 1,309,647 this 26<sup>th</sup>

day of August, 2004.

26AUG04

Lynn M. Segura
Notary Public
State of Texas
My Commission Expires
November 3, 2006

### INTELLECTUAL PROPERTY ASSIGNMENT AND LICENSE

WHEREAS the Assignor named herein is the owner of the Intellectual Property described herein; and

WHEREAS the Assignee is desirous of acquiring all right, title and interest in and to said Intellectual Property as a successor to the Business of Assignor,

NOW THEREFORE the Parties execute this agreement effective upon the Effective Date provided herein:

### 1. Effective Date

The "Effective Date" of this agreement, by specific agreement of the Parties, and notwithstanding the latest date of execution shown herein, is August 14, 2002;

### 2. Definitions

"Affiliates" means a person that directly, or indirectly, through one or more intermediaries, controls, or is controlled by, or is under common control with the person specified and, with respect to Assignor, shall include its Parent;

"Asset Purchase Agreement" means the Asset Purchase Agreement, dated as of August 14, 2002, by and among Assignee, Assignor and Parent;

"Assignor" means Big Inch Marine Systems, Inc., a corporation incorporated under the laws of the State of Delaware and its Affiliates;

"Assignee" means Oil States Industries, Inc., a corporation incorporated under the laws of the State of Delaware:

"Business" means all of the business and operations conducted by the Assignor, excluding the business and operations conducted by Big Inch Marine Systems, Ltd. and S&H Diving, LLC.

"Confidential Information" means the business, technical or other information, whether or not said information has been or is the subject of applications for or registrations of patent rights, trade secret rights, copyright rights, trademark rights or other intellectual property rights, including Trade Secrets, and improvements thereto, and further including any information relating to this agreement, or the discussions or negotiations relating thereto, or the Intellectual Property, to the extent such information (i) derives independent economic value, actual or potential, from not being generally known to, and not being readily ascertainable by proper means by, other persons who can obtain economic value from their disclosure or use; and (ii) is the subject of efforts that are reasonable under the circumstances to maintain secrecy;

"Copyrights" means the (a) original works of authorship fixed in a tangible medium of expression, whether or not said works are yet described in copyright applications or issued copyright registrations, including the right to apply for copyright registrations in the U.S. and foreign countries and/or to claim any priority rights for such applications pursuant to U.S. laws, international conventions, international treaties, foreign laws, or otherwise; (b) copyright applications filed in the Territory or filed pursuant to international treaties designating the Territory, including any divisions, continuations or continuations-in-part of said copyright applications; and (c) copyright registrations granted in the Territory, including any reissuances, renewals or extensions of said copyright registrations;

"Intellectual Property" means the Patents, Copyrights, Trademarks (specifically including the trade name "Big Inch"), and Trade Secrets related to the Business (as further set forth herein and in the Asset Purchase Agreement) in the Territory, the Parties specifically agreeing that the term Intellectual Property also includes, but is not limited to, the properties enumerated in the following exhibits:

- Exhibit A patent applications and issued/registered patents (also known as Letters Patent);
- Exhibit B trademark applications and registered trademarks; and
- Exhibit C unregistered trademarks and trade/business names.

"Parent" means the Stolt Offshore Inc., a corporation incorporated under the laws of the State of Louisiana;

"Party" means either Assignor or Assignee as the context herein shall indicate;

"Parties" means both Assignor and Assignee;

"Patents" means the (a) inventions conceived or partially or wholly reduced to practice, whether or not said inventions are yet described in patent applications or issued patents, including the right to apply for Letters Patent in the U.S. and foreign countries and/or to claim any priority rights for such applications pursuant to U.S. laws, international conventions, international treaties, foreign laws, or otherwise; (b) patent applications filed in the Territory or filed pursuant to international treaties designating the Territory, including any divisions, continuations or continuations-in-part of said patent applications; (c) Letters Patent granted in the Territory, including any reissuances or extensions of said Letters Patent; and (d) all patent license agreements;

"Territory(ies)" refers to any and all countries, states and territories anywhere in the world.

"Trademarks" means the (a) trademarks, service marks, trade names, and other designations of origin or goodwill, whether or not said marks, names, or designations are yet described in applications or issued registrations, including the right to apply for registrations in the U.S. and foreign countries and/or to claim any priority rights for such applications pursuant to U.S. laws, international conventions, international treaties, foreign laws, or otherwise; (b)

trademark, service mark or trade name applications in the Territory, or applications for registration of other designations of origin in the Territory, including any divisions, continuations or continuations-in-part of said applications; and (c) trademark, service mark or trade name registrations in the Territory, or registrations of other designations of origin in the Territory, including any reissuances or extensions of said registrations;

"Trade Secrets" means business, technical or other information, whether or not said information has been or is the subject of applications for or registrations of patent rights, trade secret rights, copyright rights, trademark rights or other intellectual property rights, including formulas, patterns, compilations, programs, device information, methods, techniques, processes, development agreements, license agreements in Intellectual Properties other than Patents, accounting/financial information, economic information, competitive/strategic information, and improvements thereto, that (i) derive independent economic value, actual or potential, from not being generally known to, and not being readily ascertainable by proper means by, other persons who can obtain economic value from their disclosure or use; and (ii) are the subject of efforts that are reasonable under the circumstances to maintain secrecy;

# 3. Assignment

For good and valuable consideration, the receipt of which is acknowledged, Assignor has agreed to assign and transfer, and hereby does assign and transfer, as of the Effective Date, unto Assignee, its successors and assigns, the entire right, title and interest in and to the Intellectual Property, including any right, title or interest which has been, is or may be granted upon any of the foregoing, to be held and enjoyed as fully and exclusively as it would have been by Assignor had this Assignment not been made.

# 4. Implied License

Assignor grants to Assignee a non-exclusive worldwide license to use any of the patent, trade secret, copyright, trademark or other intellectual property rights of Assignor that may be embodied in, or necessary to the use of, the Intellectual Property, provided, however, that this license is limited to the use of only those rights reasonably necessary to fully exploit the rights granted in this agreement;

### 5. Perfection

Assignor agrees, for itself, its directors, officers, employees, and subcontractors, and for its successors and assigns, to execute and deliver without further consideration any further applications, declarations, affidavits, assignments and other documents, and to perform such other acts as it lawfully may, that may be deemed necessary, desirable or convenient by Assignee, its successors or assigns, to fully secure its interest in or to the Intellectual Property or to obtain or maintain the Intellectual Property in force in any and all countries, including doing all things necessary to obtain the approval of third parties necessary to effectuate the assignment of any license agreements (including patent license agreements) and development agreements, provided, however, that the Parties agree that the reasonable expenses of Assignor, if any, incurred in fulfilling this duty will be borne by Assignee;

### 6. Recordation

Assignor hereby authorizes all U.S. and foreign governmental offices in which documents evidencing rights in the Intellectual Property may reside to record this agreement, any copy of this agreement, and/or any information relating thereto, upon the request of the Assignee, so as to evidence this transfer of rights from Assignor to Assignee;

Assignor hereby authorizes Assignee to make application for, and to receive registration for, intellectual property rights in the Intellectual Property, including rights under U.S. and foreign laws relating to patents, copyrights, trademarks, and trade secrets in its own name, or in Assignor's or another's name for the benefit of Assignee, at its election;

Assignor hereby authorizes and requests all U.S. and foreign governmental offices which may issue Letters Patent, trademark registrations, copyright registrations, or registrations of rights in trade secrets in the Intellectual Property, wherever possible, to grant said Letters Patent and registrations directly to Assignee as the assignee of the entire right, title and interest therein;

# 7. Representations

Assignor represents and warrants that it has the full authority to enter into this agreement and that the rights granted in the Intellectual Property is free and clear of any encumbrances;

Assignor represents and warrants that it will have no remaining Intellectual Property relating to the Business after the Closing Date (as defined in the Asset Purchase Agreement).

### 8. Confidentiality

Any Confidential Information received by a Party shall be retained in confidence and shall be used, disclosed, and copied solely for purposes of this agreement.

The receiving Party shall use the same degree of care to protect the Confidential Information it has received as it uses to protect its own confidential information, but no less than reasonable care, to prevent the unauthorized use, disclosure, or publication of the Confidential Information.

No Party shall be bound by obligations restricting disclosure and use with respect to Confidential Information which (a) was known by the receiving Party prior to disclosure; (b) was or becomes lawfully in the public domain prior to disclosure; (c) was disclosed to the receiving Party by a third party provided such third party, or any other party from whom such third party receives such information, is not in breach of any confidentiality obligation; (d) is independently developed by the receiving Party; or (e) is disclosed when such disclosure is compelled pursuant to legal proceedings, subject to the receiving Party using reasonable efforts to provide prior notice to the disclosing Party to allow it to see protective or other court orders;

### 9. Miscellaneous

No Party shall use the name of the other Party in any advertising, public relations, or media release without the prior written consent of the other Party;

Assignor shall have the right to delegate any duty or assign any right hereunder upon the prior written consent of Assignee; Assignee shall have the right to delegate any duty or assign any right granted hereunder without the consent of Assignor;

Except for the rights expressly granted pursuant to this agreement, Assignor retains all of its patent, trade secret, copyright, trademark and other intellectual property rights. Assignee shall enjoy the free and unrestrained right to use, enjoy and dispose of the Intellectual Properties without the consent of the Assignor and no part of this agreement shall be construed so as to obligate Assignee to maintain the rights in the Intellectual Properties in force or to enforce such rights against third parties;

This agreement constitutes the entire agreement between the Parties and supersedes all other agreements between the Parties concerning the subject matter herein except as provided in the APA;

This agreement shall be governed by and construed in accordance with the laws of the State of Texas and the federal laws of the United States of America (U.S.A.). The exclusive venue for any disputes arising under or in respect of this agreement shall be Houston, Texas, U.S.A.;

## 10. Authority

Assignor represents that the representative executing this agreement, as evidenced in the Execution section herein, has the express authority to execute this agreement;

Assignee represents that the representative executing this agreement, as evidenced in the Execution section herein, has the express authority to execute this agreement;

### 11. Execution

IN WITNESS WHEREOF, Assignor and Assignee, acting through the designated representatives whose names and titles appear hereinbelow, have executed this agreement upon the dates shown therewith:

[Signature page follows]

# **ASSIGNOR** BIG INCH MARINE SYSTEMS, INC.

Signature / execution:

Printed name:

Title:

Date:

Quinn Hébert Vice President

August \_\_\_\_, 2002

STATE OF TEXAS **COUNTY OF HARRIS** 

Before me personally appeared said Quinn Hébert and acknowledged execution of the foregoing INTELLECTUAL PROPERTY ASSIGNMENT AND LICENSE this 15 day of August



**PARENT** STOLT OFFSHORE INC.

Signature / execution:

Printed name:

Title:

Date:

Quinn Hébert

President

August \_\_\_\_\_, 2002

STATE OF TEXAS **COUNTY OF HARRIS** 

Before me personally appeared said Quinn Hébert and acknowledged execution of the foregoing INTELLECTUAL PROPERTY ASSIGNMENT AND LICENSE this /542 day of August 2002.

REBECCA FISZER Notary Public STATE OF TEXAS My Comm. Expires 04-03-2003

435273.2 /SPH/10695/0103/081502

**ASSIGNEE** 

OIL STATES INDUSTRIES, INC.

Signature / execution:

Printed name:

Title:

Date:

Charles F. Fahrmeier

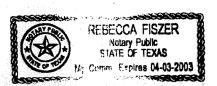
Vice President

August \_\_\_\_\_, 2002

STATE OF TEXAS **COUNTY OF HARRIS** 

Before me personally appeared said Charles F. Fahrmeier and acknowledged execution of the foregoing INTELLECTUAL PROPERTY ASSIGNMENT AND LICENSE this \_\_\_\_\_\_\_ day

of August 2002.



435273.2 /SPH/10695/0103/081502

# Big Inch Marine Systems Patents and Trademarks

SVEE 85

		ratents and Trademarks	rademarks	
Exhibit A	Patent Name	Patent Title	Patent Number	Expiration Date
	Ball Flange Connector	Swivel Coupling Element	4,530,526	Expired 7/23/2002
	Ball Flange Connector - CIP	Swivel Coupling Element	4,618,173	Expired 5/3/2000
	Third Gen Forging Tool	Connection of Tubulars	4,608,739	21-Mar-04
	BIMS_TAB Tee	Pipeline Connector for		
	ממן בעון פאום	Connecting A Branch Pipe to a Carrier Pipe	5,590,913	26-Apr-15
	Future Tap Flange	Tapping Connector and Method	App No 08/963 819	pending
		of Using Same	310,000,000,000	(oral hearing held 8/14/02)
	Remote Articulating Connector	Remote Articulated Connector	6,305,720	23-Oct-19
	Remote Articulating Connector CIP	Remote Articulated Connector	CIP App No 10/067,095 (cc-pendant on 6,305,720)	pending
Exhibit B	Registered Trademarks	Description	Number	Location
	BIMS	Company name abbreviation	1299096	USA
	BIMS + design	Company logo	1293296, 1308345,1307643	USA
	Ball Flange	Alignment joint tradename	1314320	USA
	ווכ	Load Limiting Connector tradename abbreviation	1317610	USA
	Flexiforge	Cold rolling apparatus & process	1313118	USA
	BIMS	Company name abbreviation	42598. 42600	Tayas
	BIMS + design	Company logo	42601, 42602	Texas
	Ball Flange	Alignment joint tradename	45370	Texas
	Flexiforge	Cold rolling apparatus & process	42599, 42971	Техаѕ
Exhibit C	Unregistered Trademarks	Desription	Status	
	BIMS-TAP Tee	Mechanical hot tap fitting	active	
	Wye-Tap	Piggable mechanical hot tap fitting	active	
	Hot Wye	Piggable mechanical hot tap filting	active	
	Future Tap	blind tieln flange	active	
	Wishbone Wye	piggable wye fitting	actice	
	Speedload	bolt deployment option	active	oodhoods.d
	Insul-Flange	pipeline electrical isolation joint	active	
	Swivel Tap	blind tieln point, swiveling	active	

BIC INCH COMPANY

ZE:II Z00Z/9I/80

Active

Trade Name

Big Inch

Page 1 of 1

**TRADEMARK** REEL: 002940 FRAME: 0872

7738431148

Exhibit A (continued)

			医电子电子 化二甲基甲基 化电子电子 医电子性 医电子性 医生物性 医生物性 医生物 医多种性 医多种性 医多种性 医多种	*******	**********	
DUE DATE	ACTION	DOCKET NO.	TITLE	MNG	WK6	WKG2
	化化二甲基甲基甲基甲基甲基甲基甲基甲基甲基甲基甲基甲基甲基甲基甲基甲基甲基甲基甲	化多水子 化子子 经有价值 医有头头医手术				
08/14/2002	08/14/2002 HEARING DATE	AO-BIGC: 044	TAPPING CONNECTOR AND METHOD OF USING SAME	DDB	000	MTG
04/23/2003	04/23/2003 Reissue Application Letter	AO-81GC: 046	REMOTE ARTICLUATED CONNECTOR (DIVERLESS CONNE	DDB	MCB	
07/21/2003 Expiration	Expiration	AO-BIGC: 021	SHIVEL COUPLING ELEMENT	800	800	
10/21/2003 Expiration	Expiration	AO-BIGC: 039	CONTINUATION OF USSN 271,114 SHIVEL COUPLING	DDB	N.S	SD
10/23/2003	10/23/2003 Reissue Application	AO-BIGC: 046	REMOTE ARTICLUATED CONNECTOR (DIVERLESS CONNE	BOO	MCB	
03/21/2004 Expiration	Expiration	AO-BIGC: 038	PATERT APPLICATION FOR CONNECTION OF TUBULAR	900	800	as
07/07/2004	07/07/2004 2ND MAINT FEE DUE	AO-BIGC: 041	SUBSEA HOT TAP PIPELINE CONNECTION	800	800	MTG
04/23/2005	04/23/2005 1ST MAINT FEE	AO-BIGC: 046	REMOTE ARTICLUATED CONNECTOR (DIVERLESS CONNE	<b>B</b> 00	MCB	
07/07/2008	07/07/2008 3RD MAINT FEE DUE	AD-81GC:041	SUBSEA HOT TAP PIPELINE CONRECTION	800	800	MTG
04/23/2009	04/23/2009 2ND MAINT FEE DUE	AO-BIGC:046	RENOTE ARTICLUATED CONNECTOR (DIVERLESS CONNE	800	MCB	
04/23/2013	04/23/2013 3RD MAINT FEE DUE	AO-BIGC: 046	PEMOTE ARTICLUATED CONNECTOR (DIVERLESS CONNE	DDB	MCB	
04/26/2015	04/26/2015 Expiration	AG-BIGC:041	SUBSEA HOT TAP PIPELINE CONNECTION	DDB	900	MTG
11/04/2017	11/04/2017 Expiration	AO-BIGC:044	TAPPING CONNECTOR AND METHOD OF USING SAME	DDB	500	мте
03/18/2019	03/18/2019 Expiration	AO-BIGC: 046	REMOTE ARTICLUATED CONNECTOR (DIVERLESS CONNE	BOO	MCB	

CLIENT: (BIGC	) BIG INCH MARINE SYSTEMS					
DOCKET NO.	DOCKET NO. TITLE SE FILE DATE	SERIAL NO. PATE ISSUE DATE	PATENT NO. S E	STATUS	SUB-STATUS	***
AO-BIGC:002-CA	REENTRY/Locking Slip Joint 12/05/1978	317424 1032245 inactive Expired 07/22/1980	1032245	1032245 inactive	Expired	
AO-BIGC:008 B	BIMS BOLTLESS FLANGE AND 09/26/1979	75,218 02/08/1983		4,372,584 inactive	re Abandoned	peuo
AO-BIGC:008-CA	REENTRY/COUPLING FOR COUPLING 09/18/1980	NG 03/22/1983	360477	1143409	Inactive	Expired
AO-BIGC:008-FR	REENTRY/COUPLING FOR COUPLING 09/25/1980	01/27/1986	8020875	2465942	Inaclive	Expired
AO-BIGC:008-GB	REENTRY/COUPLING FOR COUPLING 09/17/1980	05/18/1983	80 30079	2058984	Inactive	Expired
AO-BIGC:008-MX	REENTRY/COUPLING FOR COUPLING 09/25/1980 (	ING 07/03/1986	184082	152932	Inactive	Abandoned
AO-BIGC:0081DE	AO-BIGC:0381DE COUPLING FOR COUPLING TUBULAR ELEMENTS 09/25/1980	AR ELEMENTS	G8025717-6	9-71	inactive	Expired
AO-BIGC:010-BR	REENTRY/LOAD LIMITING 07/17/1981	PIB104604 06/25/1985	4 PIB104604	604 Inactive		Abandoned

DOCKET NO.	DOCKET NO. TITLE SERIAL NO. PATENT NO. STATUS SUB-STATUS FILE DATE ISSUE DATE	SERIAL NO. P. FILE DATE ISSUE DATE	IO. PATE JE DATE	PATENT NO. S	STATUS	SUB-STATUS
O-BIGC:010-CA	AO-BIGC:010-CA Reentry/Load Limiting 07.	07/09/1981 05/0	381438 05/08/1984	1167082	Inactive	Expired
O-BIGC:010-NO	AO-BIGC:010-NO REENTRY/LOAD LIMITING CONNECTOR 07/15/1981	ING CONNECTOR 07/15/1981		812440	Inactive	Abandoned
AO-BIGC:010E- F	REENTRYLOAD LIMITING CONNECTOR 81303051.7 07/03/1981 10/02/1985	G CONNECTOR 07/03/1981 10/0	81303051.7 10/02/1985	0044651	Inactive	Abandoned
AO-BIGC:010EDE	REENTRY/LOAD LIMITING	G 10/02/1985	ıΩ	0044651	Inactive	Abandoned
O-BIGC:010EGB	AO-BIGC:010EGB REENTRY/LOAD LIMITING CONNECTOR 81303051.7 07/03/1981 10/02/1985	ING CONNECTOR 07/03/1981 10/0	OR 81303051.7 10/02/1985	0044651	51 Inactive	re Abandoned
AO-BIGC:010ENL	REENTRY/LOAD LIMIT	NG CONNECTOR 07/03/1981 10/0	JR 81303051.7 10/02/1985	0044651	51 Inactive	e Abandoned
AÓ-BIGC:014 (	(RESTORAGE) SWIVEL COUPLING	1 05/03/1983	196,527 33	4,381,871.	Inactive	Expired

DOCKET NO.	DOCKET NO. STATUS SUB-STATUS FILE DATE. ISSUE DATE	RIAL NO.	SERIAL NO. PATENT NO STATUS SUB-STATUS: ISSUE DATE	STATUS	SUB-ST/	ATUS.
O-BIGC:014-BR	AO-BIGC:014-BR REENTRY/Swivel Coupling Flange 10/13/1981	P 12/25/1984	PI8106596	PIB106596	Inactive	Expired
O-BIGC:014-CA	AO-BIGC:014-CA REENTRY/SWIVEL COUPLING BALL 11/20/1981	12/04/1984	385504	1178989	Inactive	Expired
O-BIGC:014-NO	AO-BIGC:014-NO REENTRY/SWIVEL COUPLING BALL FLANGE 09/30/1981	FLANGE	813320	320	Inactive	Expired
O-BIGC:014-SA	AO-BIGC:014-SA REENTRYISWIVEL COUPLING				Inactive	Abandoned

	Expired	Expired	Expired
Expired	Inactive	Inactive	inactive
Inactive	0049960	0049980	0049960
0049960			
81304280.1	PEND/EPC	81304280.1	81304280.1
	LANGE	ANGE	LANGE
ANGE 03/18/1987	ENT BALL F 03/18/1987	OUPLING ELEMENT BALL FI 09/17/1981 03/18/1987	REENTRY/SWIVEL COUPLING ELEMENT BALL FLANGE 09/17/1981 03/18/1987
NG BALL FI 17/1981	ING ELEMI 17/1981	ING ELEMI 17/1981	LING ELEM 17/1981
EL COUPLI	VEL COUP! 09/1	VEL COUPI	IVEL COUPI
NTRY/SWIV	ENTRY/SW	ENTRY/SW/	ENTRY/SW
REE	3 3	R R	8
AO-BIGC:014E REENTRY/SWIVEL COUPLING BALL FLANGE 09/17/1981 03/18/1987	AO-BIGC:014EDE REENTRY/SWIVEL COUPLING ELEMENT BALL FLANGE 09/17/1981 03/18/1987	AO-BIGC:014EFR REENTRY/SWIVEL COUPLING ELEMENT BALL FLANGE 09/17/1981 03/18/1987	AO-BIGC:014EGB
4	~	•	•

CLIENT: (BIGC	) BIG INCH MARINE SYSTEMS	<b>(</b> 0					,
DOCKET NO.	DOCKET NO. TITLE SERIAL NO. PATENT NO. STATUS SUB-STATUS FILE DATE ISSUE DATE	SERIAL NO. PA FE ISSUE DATE	PATENT NO. E	STATUS	SUB-STATUS	જ	. ,
AO-BIGO:014ENL	REENTRY/SWIVEL-COUPLING ELEMENT BALL FLANGE 09/17/1981 03/18/1987	ELEMENT BALL FLAN 11 03/18/1987	GE 81	81304280.1	0049960	Inactive	Expired
AO-BIGC:014ESE	REENTRY/SWIVEL COUPLING 09/17/1981	03/18/1987	81304280.1	0049960	Inactive	Abandoned	
AO-BIGC:015 3	3 GFT	482,525	Inactive	Abandoned			
AO-BIGC:015-AU	AO-BIGC:015-AU CONNECTION OF AND SEALING OF TUBULAR MEMBERS 04/04/1984	I OF TUBULAR MEMB	ERS	26426/84	Ë	Inactive A	Abandoned
AO-BIGC:015-BR	AO-BIGC:015-BR CONNECTION OF AND SEALING OF TUBULAR MEMBERS 04/06/1984	S OF TUBULAR MEME		PI8401692	<u></u>	Inactive	Abandoned
AO-BIGC:015-CA	AO-BIGC:015-CA CONNECTION OF AND SEALING OF TUBULAR MEMBERS 03/28/1984	S OF TUBULAR MEME	SERS	450693	<u>r</u>	Inactive Al	Abandoned
AO-BIGC:015-IN	AO-BIGC:015-IN CONNECTION OF AND SEALING OF TUBULAR MEMBERS 04/05/1984	OF TUBULAR MEMBI		240/MAS/84		inactive	Abandoned
AO-BIGC:015-MX	AO-BIGC:015-MX CONNECTION OF AND SEALING OF TUBULAR MEMBERS 04/05/1984	S OF TUBULAR MEMI	BERS	200923	Ē	Inactive A	Abandoned

CLIENT: (BIGC	CLIENT: (BIGC ) BIG INCH MARINE SYSTEMS	SYSTEMS							
DOCKET NO.	DOCKET NO. TITLE SERIAL NO. PATENT NO. STATUS SUB-STATUS FILE DATE ISSUE DATE	SEI FILE DATE	SERIAL NO. P/ : ISSUE DATE	PATENT NO.	STATUS	SUB-STATUS	TUS		
AO-BIGC:015-NO	REENTRY/CONNECTION AND SEALING 04/05/1984	ON AND SEAL!! 04/05/1984	NG	841345		Inactive	Abandoned		
AO-BIGC:015E~	CONNECTION OF AND SEALING OF TUBULAR MEMBERS 03/10/1984 05/18/1988	SEALING OF T	UBULAR MEMB 05/18/1988		84302215.3	0122099	Inactive	Abandoned	
AO-BIGC:015EGB	3 GFT	8 03/30/1964	84302215.3 ©05/18/1988	0122099	Inactive	Abandoned			
AO-BIGC:015EIT	3 GFT	84: 03/30/1984	84302215.3 05/18/1988	0122099	Inactive	Abandoned			
AO-BIGC:015X	AO-BIGC:015X- REENTRY / CONNECTION AND SEALING OF TUBULAR M 03/30/1984	ION AND SEALI	NG OF TUBULA		86111261.3	<b></b>   	Inactive Abs	Abandoned	
AO-BIGC:017 (	CIP OF BIGC:012 - LOCKING SLIP JOINT - COMBIN 11/16/1981 02/13/1984	KING SLIP JOIN 11/16/1981	T - COMEIN 03/13/1984	96/320/836	99 4,436,325	325 Inactive	ve Expired		
AO-BIGC:017-CA	AO-BIGC:017-CA REENTRYLOCKING SUP JOINT 12/01/198	3LIP JOINT 12/01/1981	10/62/1984	391286	1175460	Inaclive	Expired		
AO-BIGC:017EDE	AO-BIGC:017EDE COUPLING REVISED LOCKING SLIP JOINT CASES III	LOCKING SLIP 11/27/1981	JOINT CASES 05/14/1986		81305628.0	P3174650.0	inactive	Transfer	

DOCKET NO.	TITLE SERIAL NO. PATENT NO. STATUS SUB-STATUS FILE DATE ISSUED ATE	SER FILE DATE	SERIAL NO. P.	PATENT NO.	NO. ST.	STATUS	SUB-STATUS	ATUS	
AO-BIGC:017EFR	AO-BIGC:017EFR COUPLING REVISED LOCKING SLIP JOINT CASES III 81305628.0 0053901 Inactive Tr 11/27/1981 05/14/1986	OCKING SLIP	JOINT CASE 05/14/1986	III SS	61305628.0		0053901	Inactive	Transfer
AO-BIGC:017EGB	COUPLING REVISED LOCKING SLIP JOINT CASES III	LOCKING SLIP , 11/27/1981	JOINT CASE 05/14/1986	≡ ES	81305628.0		0053901	inactive	Transfer
AO-BIGC:017ENL	COUPLING REVISED LOCKING SLIP 11/27/1981	OCKING SLIP 11/27/1981	05/14/1986	81305628.0		0053901	Inactive	e Transfer	sfer
AO-BIGC:021 5	SWIVEL COUPLING ELEMENT 07/21	MENT 07/21/1983	5 07/23/1985	515,765 5	4,530,526		Granled	lssued	
AO-BIGC:038 F	PATENT APPLICATION FOR 'CONNECTION OF TUBULAR 0321/1984 ** 09/02/1986	OR CONNECT	10N OF TUB 09/02/1986	BULAR	06/590,628		4,608,739	Granted	lssued
AO-BIGC:039 (	CONTINUATION OF USSN 271,114 'SWIVEL COUPLING 10/17/1984 10/21/1986	N 271,114 'SWI 10/17/1984	IVEL COUPL 10/21/1986		06/661,875		4,618,173	Granted	penssi
AO-BIGC:041	SUBSEA HOT TAP PIPELINE CONNECTION 04/26/1995 01/	INE CONNECT 04/26/1995	1ON 01/07/1997		08/429,745	5,590,913	i3 Granted		ssued
AO-BIGC:043	TAPPING DEVICE FOR CARRIER PIPES TO CONNECT 8 04/29/1997	CARRIER PIPES 04/29/1997	TO CONN	ECT 8	08/841,227	<u> </u>	Ē	Inactive	Abandoned

RECORDED: 09/20/2004

DOCKET NO.	TITLE	DOCKET NO. STATUS SUB-STATUS FILE DATE ISSUE DATE	NO. STATUS	STATUS SUB-STATUS	
AO-BIGC:044	FAPPING CONNECTOR AND	AO-BIGC:044 TAPPING CONNECTOR AND METHOD OF USING SAME 08/963,812 FIled Pendir 11/04/1997	08/963,812	Filed	Pending
AO-BIGC:044-BR	AO-BIGC:044-BR TAPPING CONNECTOR AND METHOD	ND METHOD		Inactive Abandoned	ned
AO-BIGC:044-MX	TAPPING CONNECTOR A	AO-BIGC:044-MX TAPPING CONNECTOR AND METHOD OF USING SAME		inactive	Abandoned
AO-BIGC:044-MY	TAPPING CONNECTOR A	AO-BIGC:044-MY TAPPING CONNECTOR AND METHOD OF USING SAME 04/23/1998	PI9801837	rijed	Pending
AO-BIGC:046	REMOTE ARTICLUATED CC 03	REMOTE ARTICLUATED CONNECTOR (DIVERLESS CONNE 03/18/1999 1023/2001	09/272,663	6,305,720	Granted Issued
AO-BIGC:046USC	AO-BIGC:046USC1 REMOTE ARTICULATED CONNECTOR 1023/2001		10/067,095	Filed	Published