

**TRADEMARK ASSIGNMENT**

Electronic Version v1.1  
 Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNS THE ENTIRE INTEREST AND THE GOODWILL

**CONVEYING PARTY DATA**

Name	Formerly	Execution Date	Entity Type
Stolt Offshore Inc.	American Oilfield Divers, Inc.	08/15/2002	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: 7**

Property Type	Number	Word Mark
Registration Number:	1299096	BIMS
Registration Number:	1293296	BIMS
Registration Number:	1308345	FLEXIFORGE
Registration Number:	1307643	BIMS
Registration Number:	1314320	BALL FLANGE
Registration Number:	1313118	FLEXIFORGE
Registration Number:	1317610	LLC

**CORRESPONDENCE DATA**

Fax Number: (713)456-2836  
*Correspondence will be sent via US Mail when the fax attempt is unsuccessful.*  
 Phone: 713-751-0655  
 Email: richard.auchterlonie@novakdruce.com  
 Correspondent Name: Richard Auchterlonie  
 Address Line 1: 1000 Louisiana, Suite 5320  
 Address Line 4: Houston, TEXAS 77002

ATTORNEY DOCKET NUMBER: 11666.001.000000

**TRADEMARK**

**OP \$190.00 1299096**

NAME OF SUBMITTER:

Richard Auchterlonie

**Total Attachments: 16**

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## 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;

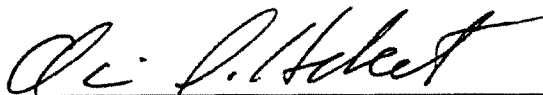
#### **11. Execution**

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]

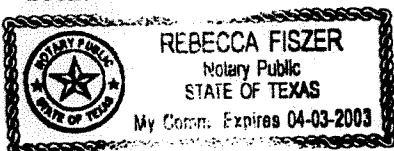
**ASSIGNOR**  
**BIG INCH MARINE SYSTEMS, INC.**

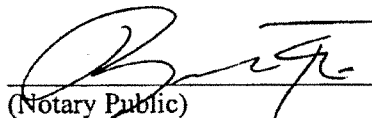
Signature / execution:  
Printed name:  
Title:  
Date:

  
\_\_\_\_\_  
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<sup>th</sup> day of August 2002.



  
\_\_\_\_\_  
(Notary Public) 4-3-2003  
(Date)

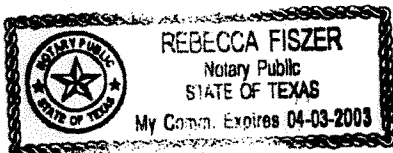
**PARENT**  
**STOLT OFFSHORE INC.**

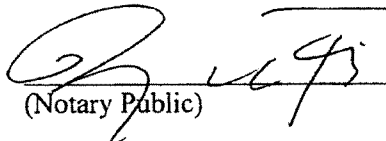
Signature / execution:  
Printed name:  
Title:  
Date:

  
\_\_\_\_\_  
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 15<sup>th</sup> day of August 2002.



  
\_\_\_\_\_  
(Notary Public) 4-3-2003  
(Date)



**ASSIGNEE**  
**OIL STATES INDUSTRIES, INC.**

Signature / execution:

Charles F. Fahrmeier

Printed name:

Charles F. Fahrmeier

Title:

Vice President

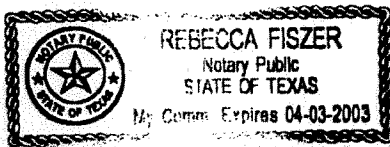
Date:

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 15<sup>th</sup> day of August 2002.

[Signature] 4-3-2003  
(Notary Public) (Date)



Big Inch Marine Systems  
**Patents and Trademarks**

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-TAP Tee	Pipeline Connector for Connecting A Branch Pipe to a Carrier Pipe	5,590,913	26-Apr-15
Future Tap Flange	Tapping Connector and Method of Using Same	App No 08/963,812	pending (oral hearing held 9/14/02)
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 (co-pendant on 6,305,720)	pending
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
LLC	Load Limiting Connector tradename abbreviation	1317610	USA
Flexiforge	Cold rolling apparatus & process	1313118	USA
BIMS	Company name abbreviation	42598, 42600	Texas
BIMS + design	Company logo	42601, 42602	Texas
Ball Flange	Alignment joint tradename	45370	Texas
Flexiforge	Cold rolling apparatus & process	42599, 42971	Texas
Unregistered Trademarks	Description	Status	
BIMS-TAP Tee	Mechanical hot tap fitting	active	
Wye-Tap	Piggable mechanical hot tap fitting	active	
Hot Wye	Piggable mechanical hot tap fitting	active	
Future Tap	blind tiein flange	active	
Wishbone Wye	piggable wye fitting	active	
Speedload	bolt deployment option	active	
Insul-Flange	pipeline electrical isolation joint	active	
Swivel Tap	blind tiein point, swiveling	active	

Exhibit A

Exhibit B

Exhibit C

Big Inch Trade Name Active



FULBRIGHT & JAWORSKI, LLP  
STATUS REPORT

CLIENT: (BIGC ) BIG INCH MARINE SYSTEMS

DOCKET NO.	TITLE	FILE DATE	SERIAL NO.	ISSUE DATE	PATENT NO.	STATUS	SUB-STATUS
AO-BIGC:002-CA	REENTRY/locking Slip Joint	12/05/1978	317424	07/22/1980	1082245	inactive	Expired
AO-BIGC:008	BIMS BOLTLESS FLANGE AND	09/26/1979	79,218	02/08/1983	4,372,584	inactive	Abandoned
AO-BIGC:008-CA	REENTRY/COUPLING FOR COUPLING	09/18/1980	360477	03/22/1983	1143409	inactive	Expired
AO-BIGC:008-FR	REENTRY/COUPLING FOR COUPLING	09/25/1980	8020875	01/27/1986	2465942	inactive	Expired
AO-BIGC:008-GB	REENTRY/COUPLING FOR COUPLING	09/17/1980	80 30079	05/18/1983	2058984	inactive	Expired
AO-BIGC:008-MX	REENTRY/COUPLING FOR COUPLING	09/25/1980	184082	07/03/1986	152932	inactive	Abandoned
AO-BIGC:0081DE	COUPLING FOR COUPLING TUBULAR ELEMENTS	09/25/1980	G8025717-6			inactive	Expired
AO-BIGC:010-BR	REENTRY/LOAD LIMITING	07/17/1981	P18104604	06/25/1985	P18104604	inactive	Abandoned

FULBRIGHT & JAWORSKI, LLP  
STATUS REPORT

CLIENT: (BIGC ) BIG INCH MARINE SYSTEMS

DOCKET NO.	TITLE	FILE DATE	SERIAL NO.	ISSUE DATE	PATENT NO.	STATUS	SUB-STATUS
AO-BIGC:010-CA	Reentry/Load Limiting	07/09/1981	381438	05/08/1984	1167062	Inactive	Expired
AO-BIGC:010-NO	REENTRY/LOAD LIMITING CONNECTOR	07/15/1981			812440	Inactive	Abandoned
AO-BIGC:010E-	REENTRY/LOAD LIMITING CONNECTOR	07/03/1981	81303051.7	10/02/1985	0044651	Inactive	Abandoned
AO-BIGC:010EDE	REENTRY/LOAD LIMITING		10/02/1985		0044651	Inactive	Abandoned
AO-BIGC:010EGB	REENTRY/LOAD LIMITING CONNECTOR	07/03/1981	81303051.7	10/02/1985	0044651	Inactive	Abandoned
AO-BIGC:010ENL	REENTRY/LOAD LIMITING CONNECTOR	07/03/1981	81303051.7	10/02/1985	0044651	Inactive	Abandoned
AO-BIGC:014	(RESTORAGE) SWIVEL COUPLING		196,527	05/03/1983	4,381,871	Inactive	Expired

FULBRIGHT & JAWORSKI, LLP  
 STATUS REPORT

CLIENT: (BIGC ) BIG INCH MARINE SYSTEMS

DOCKET NO.	TITLE	FILE DATE	SERIAL NO. ISSUE DATE	PATENT NO.	STATUS	SUB-STATUS
AO-BIGC:014-BR	REENTRY/SWIVEL Coupling Flange	10/13/1981	PI8106596 12/28/1984	PI8106596	inactive	Expired
AO-BIGC:014-CA	REENTRY/SWIVEL COUPLING BALL	11/20/1981	385504 12/04/1984	1178989	Inactive	Expired
AO-BIGC:014-NO	REENTRY/SWIVEL COUPLING BALL FLANGE	09/30/1981	813320	813320	Inactive	Expired
AO-BIGC:014-SA	REENTRY/SWIVEL COUPLING				Inactive	Abandoned
AO-BIGC:014E--	REENTRY/SWIVEL COUPLING BALL FLANGE	09/17/1981	81304280.1 03/18/1987	81304280.1 0049960	Inactive	Expired
AO-BIGC:014EDE	REENTRY/SWIVEL COUPLING ELEMENT BALL FLANGE	09/17/1981	03/18/1987	PEND/EPC 0049960	Inactive	Expired
AO-BIGC:014EFR	REENTRY/SWIVEL COUPLING ELEMENT BALL FLANGE	09/17/1981	03/18/1987	81304280.1 0049960	Inactive	Expired
AO-BIGC:014EGB	REENTRY/SWIVEL COUPLING ELEMENT BALL FLANGE	09/17/1981	03/18/1987	81304280.1 0049960	Inactive	Expired

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STATUS REPORT

CLIENT: (BIGC ) BIG INCH MARINE SYSTEMS

DOCKET NO.	TITLE	FILE DATE	SERIAL NO.	ISSUE DATE	PATENT NO.	STATUS	SUB-STATUS
AO-BIGC:014ENL	REENTRY/SWIVEL COUPLING ELEMENT BALL FLANGE	09/17/1981	81304280.1	03/18/1987	0049960	Inactive	Abandoned
AO-BIGC:014ESE	REENTRY/SWIVEL COUPLING	09/17/1981	81304280.1	03/18/1987	0049960	Inactive	Abandoned
AO-BIGC:015	3 GFT		482,525		Inactive	Abandoned	
AO-BIGC:015-AU	CONNECTION OF AND SEALING OF TUBULAR MEMBERS	04/04/1984			26426/84	Inactive	Abandoned
AO-BIGC:015-BR	CONNECTION OF AND SEALING OF TUBULAR MEMBERS	04/06/1984			P18401692	Inactive	Abandoned
AO-BIGC:015-CA	CONNECTION OF AND SEALING OF TUBULAR MEMBERS	03/28/1984			450693	Inactive	Abandoned
AO-BIGC:015-IN	CONNECTION OF AND SEALING OF TUBULAR MEMBERS	04/05/1984			240/MAS/84	Inactive	Abandoned
AO-BIGC:015-MX	CONNECTION OF AND SEALING OF TUBULAR MEMBERS	04/05/1984			200923	Inactive	Abandoned

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STATUS REPORT

CLIENT: (BIGC ) BIG INCH MARINE SYSTEMS

DOCKET NO.	TITLE	FILE DATE	SERIAL NO.	PATENT NO.	STATUS	SUB-STATUS
AO-BIGC:015-NO	REENTRY/CONNECTION AND SEALING	04/05/1984		841345	Inactive	Abandoned

AO-BIGC:015E--	CONNECTION OF AND SEALING OF TUBULAR MEMBERS	03/30/1984	84302215.3	0122099	Inactive	Abandoned
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AO-BIGC:015EGB	3 GFT	03/30/1984	84302215.3	0122099	Inactive	Abandoned
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AO-BIGC:015EIT	3 GFT	03/30/1984	84302215.3	0122099	Inactive	Abandoned
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AO-BIGC:015X--	REENTRY / CONNECTION AND SEALING OF TUBULAR M	03/30/1984	86111261.3		Inactive	Abandoned
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AO-BIGC:017	CIP OF BIGC:012 - LOCKING SLIP JOINT - COMBIN	11/16/1981	06320.859	4,436,325	Inactive	Expired
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AO-BIGC:017-CA	REENTRY/LOCKING SLIP JOINT	12/01/1981	381286	1175460	Inactive	Expired
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AO-BIGC:017EDE	COUPLING REVISED LOCKING SLIP JOINT CASES III	11/27/1981	81306628.0	P3174650.0	Inactive	Transfer
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FULBRIGHT & JAWORSKI, LLP  
STATUS REPORT

CLIENT: (BIGC ) BIG INCH MARINE SYSTEMS

DOCKET NO.	TITLE	FILE DATE	SERIAL NO.	PATENT NO.	STATUS	SUB-STATUS
AO-BIGC:017EFR	COUPLING REVISED LOCKING SLIP JOINT CASES III	11/27/1981	05/14/1986	81305628.0	0053901	Inactive Transfer
AO-BIGC:017EGB	COUPLING REVISED LOCKING SLIP JOINT CASES III	11/27/1981	05/14/1986	81305628.0	0053901	Inactive Transfer
AO-BIGC:017ENL	COUPLING REVISED LOCKING SLIP	11/27/1981	05/14/1986	81305628.0	0053901	Inactive Transfer
AO-BIGC:021	SWIVEL COUPLING ELEMENT	07/21/1983	07/23/1985	515,765	4,530,526	Granted Issued
AO-BIGC:038	PATENT APPLICATION FOR CONNECTION OF TUBULAR	03/21/1984	09/02/1986	06/590,628	4,608,739	Granted Issued
AO-BIGC:039	CONTINUATION OF USSN 271,114 SWIVEL COUPLING	10/17/1984	10/21/1986	06/661,875	4,618,173	Granted Issued
AO-BIGC:041	SUBSEA HOT TAP PIPELINE CONNECTION	04/26/1995	01/07/1997	08/429,745	5,590,913	Granted Issued
AO-BIGC:043	TAPPING DEVICE FOR CARRIER PIPES TO CONNECT B	04/29/1997		08/841,227		Inactive Abandoned

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STATUS REPORT

CLIENT: (BIGC ) BIG INCH MARINE SYSTEMS

DOCKET NO.	TITLE	FILE DATE	SERIAL NO.	PATENT NO.	STATUS	SUB-STATUS
AO-BIGC:044	TAPPING CONNECTOR AND METHOD OF USING SAME	11/04/1997		08963,812	Filed	Pending

AO-BIGC:044-BR TAPPING CONNECTOR AND METHOD Inactive Abandoned

AO-BIGC:044-MX TAPPING CONNECTOR AND METHOD OF USING SAME Inactive Abandoned

AO-BIGC:044-MY TAPPING CONNECTOR AND METHOD OF USING SAME P19801837 Filed Pending

AO-BIGC:046 REMOTE ARTICULATED CONNECTOR (DIVERLESS CONNE 03/18/1989 10/23/2001 09/27/2,663 6,305,720 Granted Issued

AO-BIGC:046USC1 REMOTE ARTICULATED CONNECTOR 10/23/2001 10/06/7,095 Filed Published