

## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1  
Stylesheet Version v1.2

EPAS ID: PAT7986833

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
TUBOSCOPE NORGE AS	03/26/2022
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	NOV INTERNATIONAL HOLDINGS C.V.
<b>Street Address:</b>	P.O. BOX 309
<b>City:</b>	GRAND CAYMAN
<b>State/Country:</b>	CAYMAN ISLANDS
<b>Postal Code:</b>	KY1-1104
<b>PROPERTY NUMBERS Total: 2</b>	
<b>Property Type</b>	<b>Number</b>
<b>Patent Number:</b>	10227829
<b>Patent Number:</b>	10619423
<b>CORRESPONDENCE DATA</b>	
<b>Fax Number:</b>	(713)238-8008
<i>Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent using a fax number, if provided; if that is unsuccessful, it will be sent via US Mail.</i>	
<b>Phone:</b>	713-238-8000
<b>Email:</b>	ewilliams@conleyrose.com, pathou@conleyrose.com
<b>Correspondent Name:</b>	CONLEY ROSE, P.C.
<b>Address Line 1:</b>	777 NORTH ELDRIDGE PARKWAY, SUITE 600
<b>Address Line 4:</b>	HOUSTON, TEXAS 77079
<b>ATTORNEY DOCKET NUMBER:</b>	3314-43200H & 43201H
<b>NAME OF SUBMITTER:</b>	MATTHEW R. MOSCICKI
<b>SIGNATURE:</b>	/Matthew R. Moscicki/
<b>DATE SIGNED:</b>	06/02/2023
<b>Total Attachments: 44</b>	
source=Step 21.3 - IP Assignment (Norway) (Fully Executed)#page1.tif	
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## INTELLECTUAL PROPERTY ASSIGNMENT AGREEMENT

THIS INTELLECTUAL PROPERTY ASSIGNMENT AGREEMENT (this “Agreement”) is made and entered effective as of March 26, 2022 (the “Effective Date”) by and among:

- (a) **National Oilwell Varco Norway AS**, a Norwegian company with business registration no. 936 738 540 (“Assignor 1”);
- (b) **APL Norway AS**, a Norwegian company with business registration no. 966 058 013 (“Assignor 2”);
- (c) **NOV Process & Flow Technologies AS**, a Norwegian company with business registration no. 918 094 180 (“Assignor 3”);
- (d) **Tuboscope Norge AS**, a Norwegian company with business registration no. 959 237 166 (“Assignor 4,” and each of Assignor 1, Assignor 2, Assignor 3, and Assignor 4, an “Assignor,” and together, “Assignors”); and
- (e) **NOV International Holdings C.V.**, a private company with limited liability organized and existing under the laws of the Netherlands and registered with the Trade Register of the Chamber of Commerce under number 72186399, represented by its general partner, NOV International Holdings GP LLC, a Delaware limited liability company (“Assignee”).

Each Assignor and Assignee is a “Party” and are together, the “Parties.”

### RECITALS

- A. **WHEREAS**, the Parties are all affiliates of NOV Inc., a Delaware corporation (“NOV”);
- B. **WHEREAS**, effective on or around August 28, 2021, Seabox AS, a Norwegian company with business registration 918 094 180, merged with and into Assignor 3, with Assignor surviving;
- C. **WHEREAS**, effective on or around December 8, 2021, NOV Completion Tools AS, a Norwegian company with business registration 990 624 526, merged with and into Assignor 3, with Assignor surviving;
- D. **WHEREAS**, for purposes of this Agreement, “Intellectual Property Rights” shall mean any and all of the following rights arising pursuant to any applicable law: (a) trademarks, service marks, intent-to-use trademarks, trade names, logos, slogans, and similar indicia of source or origin, all registrations and applications for registration thereof, and the goodwill connected with the use of and symbolized by the foregoing; (b) copyrights and all registrations and applications for registration thereof, and copyrightable works; (c) trade secrets and know-how, inventions and invention disclosures (whether or not patentable and whether or not reduced to practice), ideas, discoveries, improvements, technology, technical information, data, databases, data compilations and collections, tools, methods, processes, formulae, strategies, prototypes, techniques, plans, drawings, blue prints, schematics, flow charts, models, business information, customer and supplier lists and records, pricing and cost information, financial, sales, and marketing plans and proposals, and all other confidential or proprietary information (collectively, “Trade Secrets”); (d) patents and patent applications of any kind (whether provisional or non-provisional), and similar government authority-issued indicia of invention ownership; (e) internet domain name registrations, social media account names, webshop names and e-commerce channel names, all associated web addresses, URLs, websites, and web pages, social media pages, and all content and data thereon; (f) computer programs, operating systems, applications, firmware, and other code, including all source code, object code, application programming interfaces, data files, databases,

protocols, specifications, and other documentation thereof; and (g) other intellectual property and related proprietary rights; and

- E. **WHEREAS**, as part of an internal restructuring, NOV has determined that it is in the best interest of the Parties that Assignors transfer all of their Intellectual Property Rights (except for any Excluded Intellectual Property Rights (defined below)) to Assignee, including but not limited to those certain trademarks, service marks, design marks, and logos as set forth in **Exhibit A** (the “Assigned Marks”), together with the goodwill associated therewith, and those certain patents and patent applications as set forth in **Exhibit B** (the “Assigned Patents”), to Assignee, pursuant to the terms and subject to the conditions of this Agreement.

**NOW, THEREFORE**, in consideration of mutual promises in this Agreement, the receipt and sufficiency of which is hereby acknowledged by the Parties, the Parties agree as follows:

### AGREEMENT

1. **Assignment of Intellectual Property Rights.** Assignors hereby sell, assign, transfer, and set over to Assignee, Assignors’ entire right, title, and interest in and to all Intellectual Property Rights owned by Assignors, except for any Intellectual Property Rights specifically listed in **Exhibit C** (the “Excluded Intellectual Property Rights”), for the United States and for all foreign countries, including any renewals or extensions thereof that are or may be secured under the laws of the United States or foreign countries now or hereafter in effect and including the subject matter of all claims which may be obtained therefrom for its own use and enjoyment, and for the use and enjoyment of their successors, assigns, or other legal representatives, as fully and entirely as the same would have been held and enjoyed by Assignors if this Agreement had not been executed, together with all income, royalties, or payments due or payable as of the Effective Date or thereafter, including all claims for damages by reason of past, present, or future infringement or other unauthorized use, with the right to sue for, and collect the same for their own use and enjoyment, and for the use and enjoyment of their successors, assigns, or other legal representatives.
2. **Assigned Marks.** Without limiting the foregoing, Assignors hereby sell, assign, transfer, and set over to Assignee, Assignors’ entire right, title, and interest in and to the Assigned Marks, together with the goodwill of the Assigned Marks, for the United States and for all foreign countries, including any renewals or extensions thereof that are or may be secured under the laws of the United States or foreign countries now or hereafter in effect and including the subject matter of all claims which may be obtained therefrom for its own use and enjoyment, and for the use and enjoyment of their successors, assigns, or other legal representatives, as fully and entirely as the same would have been held and enjoyed by Assignors if this Agreement had not been executed, together with all income, royalties, or payments due or payable as of the Effective Date or thereafter, including all claims for damages by reason of past, present, or future infringement or other unauthorized use, with the right to sue for, and collect the same for their own use and enjoyment, and for the use and enjoyment of their successors, assigns, or other legal representatives.
  - 2.1. Assignee will record the Memorandum of Trademark Assignment attached as **Exhibit D** as it deems necessary and at its sole expense. Assignors will take additional steps and sign additional documents as reasonably requested by Assignee to perfect this assignment (at Assignee’s sole cost and expense).
  - 2.2. Beginning on the Effective Date, Assignors acknowledge that Assignee is the owner of all right, title, and interest in and to the Assigned Marks, and Assignors further acknowledge that they have no ownership interest in the Assigned Marks and will not acquire any ownership interest in the Assigned Marks by reason of this Agreement. Assignors will take additional steps and sign additional documents as reasonably requested by Assignee to secure trademark registration or

other intellectual-property protection for the Assigned Marks (at Assignee's sole cost and expense).

- 2.3. Assignors will not at any time do or knowingly permit to be done any act or thing that would or would reasonably be likely to impair the rights of Assignee in and to the Assigned Marks or adversely affect the validity of the Assigned Marks.
3. Assigned Patents. Without limiting the foregoing, Assignors hereby sell, assign, transfer, and set over to Assignee, Assignors' entire right, title, and interest in and to the Assigned Patents, including any and all patents to grant therefrom and later-filed, related patent applications, together with all rights of registration, maintenance, and protection thereof in any form, rights to claim priority therefrom and all rights to income, royalties, damages, and payments due or payable as of the Effective Date or thereafter, and all rights of recovery and of legal action for past or future infringements and of interference proceedings and reexaminations involving such Assigned Patents.
  - 3.1. Assignee will record the Memorandum of Patent Assignment attached as Exhibit E as it deems necessary and at its sole expense. Assignors will take additional steps and sign additional documents as reasonably requested by Assignors to perfect this assignment (at Assignee's sole cost and expense).
  - 3.2. Beginning on the Effective Date, Assignors acknowledge that Assignee is the owners of all right, title, and interest in and to the Assigned Patents, and Assignors further acknowledge that they have no ownership interest in the Assigned Patents and will not acquire any ownership interest in the Assigned Patents by reason of this Agreement. Assignors will take additional steps and sign additional documents as reasonably requested by Assignee to secure patent registration or other intellectual-property protection for the Assigned Patents (at Assignee's sole cost and expense).
  - 3.3. Assignors will not at any time do or knowingly permit to be done any act or thing that would or would reasonably be likely to impair the rights of Assignee in and to the Assigned Patents or adversely affect the validity of the Assigned Patents.
4. Assignment. The rights and obligations of any Party hereunder shall not be assignable or otherwise transferable without the prior written consent of the other Parties, except that all rights hereunder shall inure to the benefit of any successor in interest.
5. Consideration. In exchange for the Assigned Marks and the Assigned Patents, Assignee shall pay to each Assignor the respective value assigned to such Assignor's Assigned Marks and Assigned Patents as determined by the fair market valuations prepared for such purpose by Arthur Financial Services, LLC. Such payments shall be made by way of promissory notes issued by Assignee to each Assignor.
6. Governing Law. The validity, interpretation and enforcement of this Agreement will be governed by the laws of the Netherlands without regard to conflicts of law principles that would require application of any other law. Any action or proceeding arising out of or relating to this Agreement must be brought in the Netherlands and each of the Parties irrevocably submits to the exclusive jurisdiction of each such court in any such action or proceeding and waives any objection it may now or hereafter have to venue or convenience of forum.
7. Modification of Agreement and Waiver. This Agreement may not be amended except by a writing executed by the Parties. Failure of a Party to enforce one or more of the provisions of this Agreement or to exercise any option or other rights hereunder or to require at any time performance or any of the obligations hereof will not be construed to be a waiver of such provisions by such Party nor to, in any way, affect the validity of this Agreement or such Party's right thereafter to enforce each and every

provision of this Agreement, nor to preclude such Party from taking any other action at any time which it would legally be entitled to take.

8. Entire Agreement. This Agreement represents the entire agreement of the Parties relating to the matters described in this Agreement, and no prior representations or agreements, whether written or oral, will be binding on any Party unless incorporated into this Agreement or agreed to by such Party in a writing signed by such Party on or after the Effective Date.

*[Signature page follows.]*

IN WITNESS WHEREOF, this Agreement is executed as of the Effective Date.

**ASSIGNORS:**

**NATIONAL OILWELL VARCO NORWAY AS**

By: Jan Erik S. Melstveit  
Name: Jan Erik Stork Melstveit  
Title: Chairman

**APL NORWAY AS**

By: Jan Erik S. Melstveit  
Name: Jan Erik Stork Melstveit  
Title: Chairman

**NOV PROCESS & FLOW TECHNOLOGIES AS**

By: \_\_\_\_\_  
Name: Robbert Oudendijk  
Title: Chairman

**TUBOSCOPE NORGE AS**

By: \_\_\_\_\_  
Name: Trevor Brian Martin  
Title: Chairman

**ASSIGNEE:**

**NOV INTERNATIONAL HOLDINGS C.V.**  
BY: NOV International Holdings GP LLC, its General  
Partner

By: \_\_\_\_\_  
Name: Trevor B. Martin  
Title: Sole Manager

[SIGNATURE PAGE TO INTELLECTUAL PROPERTY ASSIGNMENT]

IN WITNESS WHEREOF, this Agreement is executed as of the Effective Date.

**ASSIGNORS:**


**NATIONAL OILWELL VARCO NORWAY AS**

By: \_\_\_\_\_  
Name: Jan Erik Stork Melstveit  
Title: Chairman

**APL NORWAY AS**

By: \_\_\_\_\_  
Name: Jan Erik Stork Melstveit  
Title: Chairman

**NOV PROCESS & FLOW TECHNOLOGIES AS**

By:  \_\_\_\_\_  
Name: Robbert Oudendijk  
Title: Chairman

**TUBOSCOPE NORGE AS**

By: \_\_\_\_\_  
Name: Trevor Brian Martin  
Title: Chairman

**ASSIGNEE:**

**NOV INTERNATIONAL HOLDINGS C.V.**  
BY: NOV International Holdings GP LLC, its General  
Partner

By: \_\_\_\_\_  
Name: Trevor B. Martin  
Title: Sole Manager

[SIGNATURE PAGE TO INTELLECTUAL PROPERTY ASSIGNMENT]

**PATENT**  
**REEL: 063842 FRAME: 0556**



IN WITNESS WHEREOF, this Agreement is executed as of the Effective Date.

**ASSIGNORS:**

**NATIONAL OILWELL VARCO NORWAY AS**

By: \_\_\_\_\_  
Name: Jan Erik Stork Melstveit  
Title: Chairman

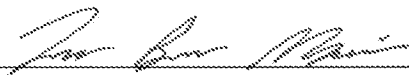
**APL NORWAY AS**

By: \_\_\_\_\_  
Name: Jan Erik Stork Melsveit  
Title: Chairman

**NOV PROCESS & FLOW TECHNOLOGIES AS**

By: \_\_\_\_\_  
Name: Robbert Oudendijk  
Title: Chairman

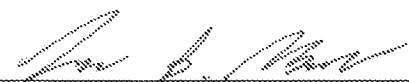
**TUBOSCOPE NORGE AS**

By:  \_\_\_\_\_  
Name: Trevor Brian Martin  
Title: Chairman

**ASSIGNEE:**

**NOV INTERNATIONAL HOLDINGS C.V.**

BY: NOV International Holdings GP LLC, its General Partner

By:  \_\_\_\_\_  
Name: Trevor B. Martin  
Title: Sole Manager

**EXHIBIT A**  
**ASSIGNED MARKS**

**[See attached.]**

Trademark	Country/Jurisdiction	Trademark App. No.	Registration Date	Trademark Reg. No.	Classes	Assignee	Data Source
WEBDriller	Norway	200202359	Oct-31-2002	216347	9, 42	National Oilwell Varco Hamso	
STARRACKER (DESIGN)	Norway	200202372	Nov-14-2002	216524	7	National Oilwell Varco Conley Rose	
AHD (WORD)	Norway	200202579	Oct-10-2002	216045	7	National Oilwell Varco Conley Rose	
SAFETYBRICK (WORD)	Norway	200202580	Oct-17-2002	216123	9, 11, 27	National Oilwell Varco Conley Rose	
CYBERBASE (WORD)	United States of America	75/537,514	May-21-2002	2571765	9, 16	National Oilwell Varco Conley Rose	
CYBERMINI	Norway	20114003	Apr-18-2002	214106	9	National Oilwell Varco Conley Rose	
DRILLTRONICS (WORD)	Norway	200306475	Jan-08-2004	222372	9, 41, 42	National Oilwell Varco Conley Rose	
HITEC (WORD)	Norway	200401887	Jun-22-2010	256005	6, 9	National Oilwell Varco Conley Rose	
MMC - MULTI MACHINE CONTRAOL (WORD)	Norway	201009099	Feb-18-2011	258741	9	National Oilwell Varco Conley Rose	
PIM - PIPE INTERLOCK MANAGEMENT (WORD)	Norway	201009098	Feb-25-2011	258883	9	National Oilwell Varco Conley Rose	
CYBERBASE	United States of America	75/537,514	May-21-2002	2571765	9	National Oilwell Varco Conley Rose	
SDI (WORD)	United States of America	75/537,515	May-30-2000	2353234	9, 16	National Oilwell Varco Conley Rose	

Trademark	Country/Jurisdiction	Trademark App. No.	Registration Date	Trademark Reg. No.	Classes	Assignee
SAL	United Kingdom	UK00002114238	9/19/1997	UK00002114238	06; 07	APL Norway AS
APL	United Kingdom	UK00002000627	1/5/1996	UK00002000627	07	APL Norway AS
STL	United Kingdom	UK00002000620	2/2/1996	UK00002000620	07	APL Norway AS
STP	United Kingdom	UK00002000623	1/5/1996	UK00002000623	07; 12	APL Norway AS
APL	Ireland		7/1/1996	201127	40	APL Norway AS
APL	Ireland		11/1/1995	174298	07	APL Norway AS
STP	Ireland		8/15/1996	202137	07; 39	APL Norway AS



MONDO	23020/47	India	23020/47	Aug-03-2018	23020/47	9	Conley Rose	NOV Process & Flow Technologies UK Limited
MULTATOR	945927	United Kingdom	945927	Mar-01-1963	945927	7	Conley Rose	NOV Process & Flow Technologies UK Limited
MONO (Sylfide)	M0202904	Spain	M0202904	Mar-15-1948	M0202904	7	Conley Rose	NOV Process & Flow Technologies UK Limited
D5C8FEN	1425732	United Kingdom	1425732	Apr-26-1991	1425732	7	Conley Rose	NOV Process & Flow Technologies UK Limited
D5C8FEN	1438282	European Union	1438282	Jan-30-2001	1438282	7	Conley Rose	NOV Process & Flow Technologies UK Limited
D0140ADT	2275154	United Kingdom	2275154	Dec-28-2001	UK000202725154	7	Conley Rose	NOV Process & Flow Technologies UK Limited
E23TRIP (Sylfide and in Cabot)	2606759	International	2606759	May-11-2012	2606759	7	Conley Rose	NOV Process & Flow Technologies UK Limited
E23TRIP (Sylfide and in Cabot)	1142882	International	1142882	Jan-18-2013	1142882	7	Conley Rose	NOV Process & Flow Technologies UK Limited
E23TRIP (Sylfide and in Cabot)	1142882	International	1142882	May-15-2013	1142882	7	Conley Rose	NOV Process & Flow Technologies UK Limited
E23TRIP (Sylfide and in Cabot)	1142882	International	1142882	Jul-06-2012	1142882	7	Conley Rose	NOV Process & Flow Technologies UK Limited
E23TRIP (Sylfide and in Cabot)	1142882	International	1142882	Jul-06-2012	1142882	7	Conley Rose	NOV Process & Flow Technologies UK Limited
E23TRIP (Sylfide and in Cabot)	1142882	International	1142882	May-02-2014	1142882	7	Conley Rose	NOV Process & Flow Technologies UK Limited
E23TRIP (Sylfide and in Cabot)	79123727	United States of America	79123727	Dec-03-2013	79123727	7	Conley Rose	NOV Process & Flow Technologies UK Limited
E23TRIP (Sylfide and in Cabot)	3166723	Argentina	3166723	Dec-01-2013	2596977	7	Conley Rose	NOV Process & Flow Technologies UK Limited
E23TRIP (Sylfide and in Cabot)	840133723	Brazil	840133723	Dec-22-2014	840133723	7	Conley Rose	NOV Process & Flow Technologies UK Limited
E23TRIP (Sylfide and in Cabot)	1572018	Canada	1572018	Dec-22-2014	TMA 976112	7,11	Conley Rose	NOV Process & Flow Technologies UK Limited
E23TRIP (Sylfide and in Cabot)	754005	Australia	754005	Mar-26-1999	754005	7	Conley Rose	NOV Process & Flow Technologies UK Limited
FLEXSHAFT	784397	European Union	784397	Mar-26-1999	784397	7	Conley Rose	NOV Process & Flow Technologies UK Limited
FLEXSHAFT	105959/98	Japan	105959/98	Mar-03-2000	4365757	7	Conley Rose	NOV Process & Flow Technologies UK Limited
FLEXSHAFT (in Keelara)	2000-126704	New Zealand	2000-126704	Dec-21-2001	4530979	7	Conley Rose	NOV Process & Flow Technologies UK Limited
FLEXSHAFT	306414	United Kingdom	306414	Aug-18-2000	306414	7	Conley Rose	NOV Process & Flow Technologies UK Limited
FLEXSHAFT	2105722	European Union	2105722	Aug-22-1997	2105722	7	Conley Rose	NOV Process & Flow Technologies UK Limited
FLEXSHAFT and Design	784421	Australia	784421	Oct-25-1999	784421	7	Conley Rose	NOV Process & Flow Technologies UK Limited
FLEXSHAFT	754006	New Zealand	754006	Sep-18-1998	754006	7,3,37	Conley Rose	NOV Process & Flow Technologies UK Limited
FLEXSHAFT	306415	United Kingdom	306415	Aug-18-2000	306415	7,3,37	Conley Rose	NOV Process & Flow Technologies UK Limited
FLEXSHAFT	2033795	Australia	2033795	Apr-11-2013	2033795	7,3,37	Conley Rose	NOV Process & Flow Technologies UK Limited
FLEXSHAFT	1180988	China	1180988	Jan-31-2014	1180988	7,3,37	Conley Rose	NOV Process & Flow Technologies UK Limited
FLEXSHAFT	1180988	China	1180988	Sep-25-2014	1180988/1589543	7,3,37	Conley Rose	NOV Process & Flow Technologies UK Limited
FLEXSHAFT	1180988	European Union	1180988	Sep-08-2014	1180988	7,3,37	Conley Rose	NOV Process & Flow Technologies UK Limited
FLEXSHAFT	1180988	European Union	1180988	Feb-14-2002	1972952	7	Conley Rose	NOV Process & Flow Technologies UK Limited
FLEXSHAFT	200117940	China	200117940	Dec-14-2002	001438225	7	Conley Rose	NOV Process & Flow Technologies UK Limited
MUNCHER	2261703	European Union	2261703	Sep-03-2002	2261703	7	Conley Rose	NOV Process & Flow Technologies UK Limited
MUNCHER (Sylfide)	816544/5956	Brazil	816544/5956	Sep-11-1994	816544/5956	7	Conley Rose	NOV Process & Flow Technologies UK Limited
MONO	3732955	United Kingdom	3732955	Jun-07-2005	3732955	7	Conley Rose	NOV Process & Flow Technologies UK Limited
D5C8FEN	1438282	European Union	1438282	Jan-30-2001	1438282	7,3,37,42	Conley Rose	NOV Process & Flow Technologies UK Limited
E23TRIP (Word)	88/450/876	United States of America	88/450/876	May-12-2020	6054880	7	Conley Rose	NOV Process & Flow Technologies UK Limited
E23TRIP (Word)	2033795	Australia	2033795	Apr-06-2020	2033795	7	Conley Rose	NOV Process & Flow Technologies UK Limited
E23TRIP (Word)	018111080	United Kingdom	018111080	Jan-09-2020	018111080	7	Conley Rose	NOV Process & Flow Technologies UK Limited
E23TRIP (Word)	UK00030942917	United States of America	UK00030942917	Nov-15-2019	UK00030942917	7	Conley Rose	NOV Process & Flow Technologies UK Limited
AEISSON	8867712	United Kingdom	8867712	Sep-08-2020	6149798	7	Conley Rose	NOV Process & Flow Technologies UK Limited
AEISSON	2208088	United States of America	2208088	Apr-11-2020	UK00030948973	7	Conley Rose	NOV Process & Flow Technologies UK Limited
AEISSON	2208088	United States of America	2208088	Apr-11-2020	2208088	7	Conley Rose	NOV Process & Flow Technologies UK Limited
AEISSON	2208088	United States of America	2208088	Feb-19-2021	1441024530	7	Conley Rose	NOV Process & Flow Technologies UK Limited
AEISSON	2208088	United States of America	2208088	Jul-06-2012	1142882	7	Conley Rose	NOV Process & Flow Technologies UK Limited
AEISSON	1180988	Saudi Arabia	1180988	Oct-25-1999	784421	7	Conley Rose	NOV Process & Flow Technologies UK Limited
AEISSON	1180988	United Kingdom	1180988	Sep-09-2014	001438225	7,3,37	Conley Rose	NOV Process & Flow Technologies UK Limited
AEISSON	1180988	United Kingdom	1180988	Sep-03-2002	UK00020266703	7	Conley Rose	NOV Process & Flow Technologies UK Limited
AEISSON	1180988	United Kingdom	1180988	Sep-03-2002	UK00030732955	7	Conley Rose	NOV Process & Flow Technologies UK Limited
AEISSON	1180988	United Kingdom	1180988	Jun-07-2005	784397	7,3,37,42	Conley Rose	NOV Process & Flow Technologies UK Limited
AEISSON	1180988	United Kingdom	1180988	Mar-29-2000	784397	7	Conley Rose	NOV Process & Flow Technologies UK Limited
AEISSON	769446	Australia	769446	Mar-19-1999	769446	7	Conley Rose	NOV Process & Flow Technologies UK Limited

**EXHIBIT B**  
**ASSIGNED PATENTS**

**[See attached.]**

Title	Country/Jurisdiction	Patent App. No.	Patent App. Pub. No.	Patent No.	Assignee	Expiration Date
Electronic ID tag and co-operating antenna	Canada	2,587,147		2,587,147	Tuboscope Norge AS	October 10, 2025
A piping body having an RFID tag	Canada	2,961,182			Tuboscope Norge AS	September 30, 2035
System and method of configuring control instructions for a tool assembly by means of machine readable component information	China	201380030801.6	104364466	ZL201380030801.6	Tuboscope Norge AS	November 18, 2033
System and method of configuring control instructions for a tool assembly by means of machine readable component information	Europe	13857533	2923037		Tuboscope Norge AS	November 18, 2033
readable component information	Europe	15849247.0		3204590	Tuboscope Norge AS	September 30, 2035
A piping body having an RFID tag	Great Britain	0708931.1	3204590	2441185	Tuboscope Norge AS	October 10, 2025
Electronic ID tag and co-operating antenna	Great Britain	15849247.0		3204590	Tuboscope Norge AS	September 30, 2035
A piping body having an RFID tag	Mexico	MX2017004504	MX2017004504	385841	Tuboscope Norge AS	September 30, 2035
A piping body having an rfid tag.	Netherlands	15849247.0		3204590	Tuboscope Norge AS	September 30, 2035
A piping body having an RFID tag	Norway	20054257		330526	Tuboscope Norge AS	September 15, 2025
Electronic ID tag and co-operating antenna	Norway	20121409		335802	Tuboscope Norge AS	November 23, 2032
System and method of configuring control instructions for a tool assembly by means of machine readable component information	Norway	15849247.0		3204590	Tuboscope Norge AS	September 30, 2035
A piping body having an RFID tag	Russia	2017114387	2017114387	2724855	Tuboscope Norge AS	September 30, 2035
A piping body having an RFID tag	Saudi Arabia	517381107			Tuboscope Norge AS	September 30, 2035
A piping body having an RFID tag	United States	11/665,402	20080165011	7,688,210	Tuboscope Norge AS	August 3, 2026
Electronic ID tag and co-operating antenna	United States	15/509,819	20170306705	10,227,829	Tuboscope Norge AS	September 30, 2035
A piping body having an RFID tag	United States	16/257,152	20190153787	10,619,423	Tuboscope Norge AS	September 30, 2035
APPARATUS FOR PROVIDING DIRECTIONAL CONTROL OF BORE DRILLING EQUIPMENT	United States	16/069,701		11,002,078	Tuboscope Norge AS	November 6, 2036



Title	Country/Jurisdiction	Patent App. No.	Patent App. Pub. No.	Patent No.	Assignee	Source of Data	Expiration Date
Method for reducing dynamic loads of cranes	Australia	AU2011230055A		6420013260955	National Oilwell Varco Norway AS	Imnography	2031-03-17
A die holder device for oilfield use and method for utilizing the same	Australia	AU2013266095A		6420013260955	National Oilwell Varco Norway AS	Imnography	2033-05-29
Drilling rig	Australia	AU2015344830A		64200152425820	National Oilwell Varco Norway AS	Imnography	2035-11-13
Offshore lifting crane	Australia	AU2016241094A		64200152425820	National Oilwell Varco Norway AS	Imnography	2036-03-16
Bearing arrangement	Australia	AU2016291090A		64200152425820	National Oilwell Varco Norway AS	Imnography	2036-07-06
In-line spooling device for compensating fleet angle	Australia	AU201727245A		64200152723256	National Oilwell Varco Norway AS	Imnography	2037-05-24
Method of upgrading a knuckle-boom crane and a heave-compensating crane	Australia	AU2017353144A		64200152723256	National Oilwell Varco Norway AS	Imnography	2037-09-06
Fibre rope and hoisting system including such a fibre rope	Australia	AU2017330162A		64200152330162	National Oilwell Varco Norway AS	Imnography	2037-09-26
Drilling system for rock drilling	Australia	AU2018291478A		6420018291478	National Oilwell Varco Norway AS	Imnography	2038-06-15
Electrohydraulic device, method, and marine vessel or platform	Australia	AU2018329413A		6420018329413	National Oilwell Varco Norway AS	Imnography	2038-09-07
System and method for improved heave compensation	Australia	AU2020201901A		64202020201901	National Oilwell Varco Norway AS	Imnography	2040-03-16
Centralizing device for an elongated body in a mouse hole machine	Brazil	PI0717021-1	PI0717021-1	PI0717021-1	National Oilwell Norway AS	Hamsco	2027-12-19
Riser tensioner	Brazil	BR112012005898-3	BR112012005898-3	BR112012005898-3	National Oilwell Norway AS	Hamsco	2031-05-25
Rack unit, method for constructing a pipe segment, and system for storing one or more tubulars	Brazil	BR112013010737A		68112013010737	National Oilwell Varco Norway AS	Imnography	2026-11-02
Lifting tool for opposite twisting of generally submerged cables	Brazil	BR112013010848A		68112013010848	National Oilwell Varco Norway AS	Imnography	2026-11-02
Clamping system for making and breaking bolted connections, actuator for operating a clamping assembly, and clamping assembly for securing and rotating a pipe	Brazil	BR112014007449A		68112014007449	National Oilwell Varco Norway AS	Imnography	2027-08-29
Torque device for use in the oilfield and method of operation for it	Brazil	BR112014005432A		68112014005432	National Oilwell Varco Norway AS	Imnography	2027-09-05
Method and apparatus for real-time fluid compressibility measurements	Brazil	BR112015031215A		68112015031215	National Oilwell Varco Norway AS	Imnography	2028-06-19
Device for a hydraulic switch	Brazil	BHP10819348A		68210819348	National Oilwell Varco Norway AS	Imnography	2028-10-30
Hydraulic locking device	Brazil	BHP10915190A		68210915190	National Oilwell Varco Norway AS	Imnography	2029-06-15
System for lifting a load on an offshore platform	Brazil	BR112015032058A		68112015032058	National Oilwell Varco Norway AS	Imnography	2029-06-25
System and method for optimal routing of chemicals in an installation	Brazil	BR112016005107A		68112016005107	National Oilwell Varco Norway AS	Imnography	2029-09-23
Mouse hole damper device	Brazil	BHP10919956A		68210919956	National Oilwell Varco Norway AS	Imnography	2029-10-26
Winch drum with internal wire storage	Brazil	BR112017014113A		68112017014113	National Oilwell Varco Norway AS	Imnography	2030-01-22
System for moving items on a platform floor, method for configuring items on a platform floor, platform floor, platform floor cart, and drilling rig	Brazil	BR112017008866A		68112017008866	National Oilwell Varco Norway AS	Imnography	2030-09-22
System and method for placing and removing pipe from a shelf of a drilling rig, drilling rig, and system for monitoring the condition of conservation of a plurality of couplings in a bar-type bracket of a drilling rig	Brazil	BR112017009746A		68112017009746	National Oilwell Varco Norway AS	Imnography	2030-11-13

System for operating a drilling rig, collision and accident mitigation systems on a drilling rig, and system for monitoring the conservation condition of a drilling rig tool	Brazil	BR112017010027A	<u>BR112017010027</u>		National Oilwell Varco Norway As	Imnography	2030-11-13
Method for treating pipe column sections and reests for pipe column sections	Brazil	BR112012024547A	<u>BR112012024547</u>		National Oilwell Varco Norway As	Imnography	2031-03-25
Drilling winch and method to operate the same	Brazil	BR102016006722A	<u>BR102016006722</u>		National Oilwell Varco Norway As	Imnography	2031-03-28
Method for recovering hydraulic energy from an actuator during partial load conditions and apparatus for recovering hydraulic energy from an actuator	Brazil	BR112012029331A	<u>BR112012029331</u>		National Oilwell Varco Norway As	Imnography	2031-05-18
Hydraulic drive control improvements	Brazil	BR112017025949A	<u>BR112017025949</u>		National Oilwell Varco Norway As	Imnography	2031-06-08
Bearing arrangement	Brazil	BR112017028258A	<u>BR112017028258</u>		National Oilwell Varco Norway As	Imnography	2031-07-06
Offset compensation system for a marine vessel and method for operating the same	Brazil	BR112013011835A	<u>BR112013011835</u>		National Oilwell Varco Norway As	Imnography	2031-10-11
Rack unit, method for building a pipe segment, and system for storing one or more tubulars	Brazil	BR112013010737A	<u>BR112013010737</u>		National Oilwell Varco Norway As	Imnography	2031-11-02
Wire return voltage device	Brazil	BR112016013281A	<u>BR112016013281</u>		National Oilwell Varco Norway As	Imnography	2032-01-04
Inline winding device for fleet angle compensation	Brazil	BR112016074474A	<u>BR112016074474</u>		National Oilwell Varco Norway As	Imnography	2032-05-24
Tightening system for making and breaking threaded connections	Brazil	BR112014007449A	<u>BR112014007449</u>		National Oilwell Varco Norway As	Imnography	2032-08-29
Method for upgrading a articulated crane and a hoist compensation crane	Brazil	BR112019008129A	<u>BR112019008129</u>		National Oilwell Varco Norway As	Imnography	2032-09-06
Fiber cable and hoisting system including such fiber cable	Brazil	BR112019005710A	<u>BR112019005710</u>		National Oilwell Varco Norway As	Imnography	2032-09-26
Matrix support device for use in oilfield, and method for using a matrix support device	Brazil	BR112014029322A	<u>BR112014029322</u>		National Oilwell Varco Norway As	Imnography	2033-05-29
Device for water processing, system and methods	Brazil	BR112020017533A	<u>BR112020017533</u>		National Oilwell Varco Norway As	Imnography	2034-03-28
ELEVATOR FOR HEAVY LIFTED PIPE LIFTERS, PIPE FOR SUCOR ELEVATOR AND PIPE HANDLER ASSEMBLY COMPREHENSIVE SUPPORT ELEVATOR	Brazil				National Oilwell Varco Norway As	Imnography	
Centralizing device for an elongated body in a mouse hole machine	Canada	2863894	2,863,894	2,863,894	National Oilwell Norway AS	Harmso	2027-08-24
A collector device for drilling fluid	Canada	2891,315	2,891,315	2,891,315	National Oilwell Norway AS	Harmso	2028-06-11
Hydraulic clamping device	Canada	CA2726637A	<u>CA2726637</u>	<u>CA2726637</u>	National Oilwell Varco Norway As	Imnography	2029-06-15
Mouse hole damper device	Canada	CA2742250A	<u>CA2742250</u>	<u>CA2742250</u>	National Oilwell Varco Norway As	Imnography	2029-10-26
Method and device for treatment of a pipestring section that is positioned in a set-back	Canada	CA2794833A	<u>CA2794833</u>	<u>CA2794833</u>	National Oilwell Varco Norway As	Imnography	2031-03-25
An apparatus and method for recuperation of hydraulic energy	Canada	CA2799104A	<u>CA2799104</u>	<u>CA2799104</u>	National Oilwell Varco Norway As	Imnography	2031-05-18
Lifting tool for opposing twisting of generally submerged ropes	Canada	CA2815015A	<u>CA2815015</u>	<u>CA2815015</u>	National Oilwell Varco Norway As	Imnography	2031-11-02
Method for detection and localization of a fluid leak related to a piston machine	Canada	CA2816485A	<u>CA2816485</u>	<u>CA2816485</u>	National Oilwell Varco Norway As	Imnography	2031-11-18
Method and device for preventing a mud relief valve from incorrect opening	Canada	CA282979A	<u>CA282979</u>	<u>CA282979</u>	National Oilwell Varco Norway As	Imnography	2032-03-27
A Torque device for oil field use and method of operation for same	Canada	CA2847832A	<u>CA2847832</u>	<u>CA2847832</u>	National Oilwell Varco Norway As	Imnography	2032-09-05

Simultaneous clamp and torque drive	Canada	CA2835005A		CA2835005	National Oilwell Varco Norway AS	Imnography	2032-09-28
Simultaneous clamp and torque drive	Canada	CA2926122A		CA2926122	National Oilwell Varco Norway AS	Imnography	2032-09-28
Method for reducing drilling oscillations	Canada	CA2864990A		CA2864990	National Oilwell Varco Norway AS	Imnography	2033-01-17
Coupler device and method for using the same	Canada	CA2911501A		CA2911501	National Oilwell Varco Norway AS	Imnography	2033-05-22
A die holder device for oilfield use and method for utilizing the same	Canada	CA2874123A		CA2874123	National Oilwell Varco Norway AS	Imnography	2033-05-29
Method and apparatus for real-time fluid compressibility measurements	Canada	CA2916067A		CA2916067	National Oilwell Varco Norway AS	Imnography	2033-06-19
Method and device for estimating downhole string variables	Canada	CA2950884A		CA2950884	National Oilwell Varco Norway AS	Imnography	2034-06-05
System for hoisting a load on an offshore rig	Canada	CA2916066A		CA2916066	National Oilwell Varco Norway AS	Imnography	2034-06-25
System and method for optimally routing chemicals in a plant	Canada	CA2923161A		CA2923161	National Oilwell Varco Norway AS	Imnography	2034-09-23
Improved control of wellbore trajectories	Canada	CA2937875A		CA2937875	National Oilwell Varco Norway AS	Imnography	2035-01-27
Rig floor for a drilling rig	Canada	CA2965750A		CA2965750	National Oilwell Varco Norway AS	Imnography	2035-09-22
A method for placing and removing pipe from a finger rack	Canada	CA2966297A		CA2966297	National Oilwell Varco Norway AS	Imnography	2035-11-13
Drilling rig	Canada	CA2967735A		CA2967735	National Oilwell Varco Norway AS	Imnography	2035-11-13
Draw-works and method for operating the same	Canada	CA2922673A		CA2922673	National Oilwell Varco Norway AS	Imnography	2036-03-03
System and method for calibration of hydraulic models by surface string weight	Canada	CA3083237A		CA3083237	National Oilwell Varco Norway AS	Imnography	2036-11-27
A rope connector for connecting prepared ends of two rope segments, a rope extension system and a hoisting system comprising such rope connector	Canada	CA3124071A		CA3124071	National Oilwell Varco Norway AS	Imnography	2039-12-11
Fibre rope and hoisting system including such a fibre rope	China	20178005921 1.4	ZL 20178005921 1.4		National Oilwell Varco Norway AS	Haimso	2037-09-25
Torque and the operational approach of this torque for oil field	China	CN20180043914A		CN180043914	National Oil Well Varco Norway AS	Imnography	2032-09-04
Method for placing and removing pipe to and from a fingerboard	China	CN201580061484A		CN15821099410	National Oilwell Varco Norway AS	Imnography	2035-11-12
Coaxial winding device for compensating off-angle	China	CN201780034298A		CN169311644	National Oilwell Varco Norway AS	Imnography	2037-05-23
Method for building an offshore windmill	China	CN201780054004A		CN169669072		Imnography	2037-08-21
An apparatus for positioning an elongate element in an torque device and a method for operating same	Denmark			2759784	National Oilwell Varco Norway AS	Haimso	2032-09-05
Hydraulic clamping device	Denmark	DKPA201001097A		DK1739153	National Oilwell Varco Norway AS	Imnography	2030-12-03
Bore system and device for assembly and removal backs	Denmark	DK11787961T		DK26831262	National Oilwell Varco Norway AS	Imnography	2031-11-02
Tray holder system for a clamp tray and method for operating the same	Denmark	DK12767123T		DK27537283	National Oilwell Varco Norway AS	Imnography	2032-09-05
Torque encoder for use in oil fields as well as method for operating the same	Denmark	DK12767126T		DK27537285	National Oilwell Varco Norway AS	Imnography	2032-09-05
Offshore lifting crane	Denmark	DK15161240T		DK36922834	National Oilwell Varco Norway AS	Imnography	2035-03-27
Rig floor for a drill rig	Denmark	DK15774962T		DK32212822	National Oilwell Varco Norway AS	Imnography	2035-09-22
Electrode assembly, system and method for inactivating organic material in a flow of water	Denmark	DK17168711T		DK33957522	National Oilwell Varco Norway AS	Imnography	2037-04-28
Procedure for building an offshore wind turbine	Denmark	DK17757518T		DK33921522	National Oilwell Varco Norway AS	Imnography	2037-08-22

An apparatus for positioning an elongate element in an torque device and a method for operating same	Europe	EP12767125A	EP27532764	National Oilwell Varco Norway As	Imnography	2032-09-05
Winch drum with internal wire storage	Europe	EP15704106A	EP26672662	National Oilwell Varco Norway As	Imnography	2035-01-22
Method of building an offshore windmill	Europe	EP17757518A	EP25827690	National Oilwell Varco Norway As	Imnography	2037-08-22
Centralizing device for an elongated body in a mouse hole machine	Europe	EP07808613A	EP20644408	National Oilwell Varco Norway As	Imnography	2027-08-24
Method and device for chain wheel change	Europe	EP09735113A	EP22655299	National Oilwell Varco Norway As	Imnography	2029-04-16
Method for reducing dynamic loads of cranes	Europe	EP11759768A	EP25902206	National Oilwell Varco Norway As	Imnography	2031-03-17
Method and device for treatment of a pipestrung section that is positioned in a set-back	Europe	EP11763100A	EP25532027	National Oilwell Varco Norway As	Imnography	2031-03-25
A capture basket system for an underdeck pipelanding machine	Europe	EP1832813A	EP26672964	National Oilwell Varco Norway As	Imnography	2031-10-11
A heave compensating system	Europe	EP11773512A	EP26696627	National Oilwell Varco Norway As	Imnography	2031-10-11
Lifting tool for opposing twisting of generally submerged ropes	Europe	EP1838293A	EP26955812	National Oilwell Varco Norway As	Imnography	2031-11-02
A drilling system and a device for assembling and disassembling pipe stands	Europe	EP11787961A	EP26925266	National Oilwell Varco Norway As	Imnography	2031-11-02
Method for detection and localization of a fluid leak related to a piston machine	Europe	EP1843500A	EP26835272	National Oilwell Varco Norway As	Imnography	2031-11-18
Method for detection and localization of a fluid leak related to a piston machine	Europe	EP1843500A	EP26835272	National Oilwell Varco Norway As	Imnography	2031-11-18
Method for detection and localization of a fluid leak related to a piston machine	Europe	EP1843500A	EP26835272	National Oilwell Varco Norway As	Imnography	2031-11-18
Method and device for preventing a mud relief valve from incorrect opening	Europe	EP12721964A	EP26013994	National Oilwell Varco Norway As	Imnography	2032-03-27
An apparatus for positioning of a clamp body and a method for operating a clamp body	Europe	EP12767119A	EP27532764	National Oilwell Varco Norway As	Imnography	2032-09-05
Guide system and method for operation of same	Europe	EP12767121A	EP27532762	National Oilwell Varco Norway As	Imnography	2032-09-05
A die retainer system for a clamp die and method of operation of same	Europe	EP12767123A	EP27532763	National Oilwell Varco Norway As	Imnography	2032-09-05
A torque device for oil field use and method of operation for same	Europe	EP12767126A	EP27532762	National Oilwell Varco Norway As	Imnography	2032-09-05
Control equipment for a torque device for oil field use and method for operation of same	Europe	EP12775851A	EP27532769	National Oilwell Varco Norway As	Imnography	2032-09-05
Simultaneous clamp and torque drive	Europe	EP12778547A	EP27631324	National Oilwell Varco Norway As	Imnography	2032-09-28
Simultaneous clamp and torque drive	Europe	EP12778547A	EP27631324	National Oilwell Varco Norway As	Imnography	2032-09-28
Method for reducing drilling string oscillations	Europe	EP13740504A	EP22817332	National Oilwell Varco Norway As	Imnography	2033-01-17
Coupler device and its use procedure	Europe	EP14894153A	EP26869241	National Oilwell Varco Norway As	Imnography	2033-05-22
Method and device for estimating downhole string variables	Europe	EP14817194A	EP25122932	National Oilwell Varco Norway As	Imnography	2034-06-05
System for hosting a load on an offshore rig	Europe	EP14799563A	EP20344062	National Oilwell Varco Norway As	Imnography	2034-06-25
Pipe storage and handling	Europe	EP14825196A	EP22243004	National Oilwell Varco Norway As	Imnography	2034-09-23
System for hosting a load on an offshore drilling rig	Europe	EP14828366A	EP22327218	National Oilwell Varco Norway As	Imnography	2034-12-23
Improved control of well bore trajectories	Europe	EP15704107A	EP26999883	National Oilwell Varco Norway As	Imnography	2035-01-27

Offshore lifting crane	Europe	EP15161240A	EP150729844	National Oilwell Varco Norway As	Imnography	2035-03-27
Draw-works and method for operating the same	Europe	EP15161583A	EP150729846	National Oilwell Varco Norway As	Imnography	2035-03-30
Improvements relating to storage in tanks	Europe	EP15163431A	EP150836275	National Oilwell Varco Norway As	Imnography	2035-04-13
Improvements in the control of hydraulic actuators	Europe	EP15171831A	EP151040322	National Oilwell Varco Norway As	Imnography	2035-06-12
Rig floor for a drilling rig	Europe	EP15774962A	EP152128378	National Oilwell Varco Norway As	Imnography	2035-09-22
Drilling rig	Europe	EP15797167A	EP152185672	National Oilwell Varco Norway As	Imnography	2035-11-13
A method for placing and removing pipe from a finger rack	Europe	EP15797161A	EP152185668	National Oilwell Varco Norway As	Imnography	2035-11-13
Hoisting system and method for operating the same	Europe	EP16157498A	EP162111175	National Oilwell Varco Norway As	Imnography	2036-02-26
In-line spooling device for compensating fleet angle	Europe	EP16172667A	EP162527009	National Oilwell Varco Norway As	Imnography	2036-06-02
Jack-up rig for performing multiple independent operations	Europe	EP16176113A	EP162606688	National Oilwell Varco Norway As	Imnography	2036-06-24
Simultaneously	Europe	EP16176113A	EP162606688	National Oilwell Varco Norway As	Imnography	2036-06-24
Bearing arrangement	Europe	EP16821712A	EP163169871	National Oilwell Varco Norway As	Imnography	2036-07-06
Fiber rope, hoisting system with such a fiber rope, and method for operating said hoisting system	Europe	EP16190590A	EP163269321	National Oilwell Varco Norway As	Imnography	2036-09-26
System arranged on a marine vessel or platform, such as for providing heave compensation and hoisting	Europe	EP16192011A	EP163301952	National Oilwell Varco Norway As	Imnography	2036-10-03
Method of upgrading a knuckle-boom crane and a heave-compensating crane	Europe	EP16197082A	EP163185392	National Oilwell Varco Norway As	Imnography	2036-11-03
Wire back tension device	Europe	EP17736177A	EP163301931	National Oilwell Varco Norway As	Imnography	2037-01-04
Drilling unit comprising an electric heave-compensation system	Europe	EP17156406A	EP163632882	National Oilwell Varco Norway As	Imnography	2037-02-16
System for energy regeneration and distribution	Europe	EP17753554A	EP163168832	National Oilwell Varco Norway As	Imnography	2037-02-17
Electrode assembly, system and method for inactivating organic material in a flow of water	Europe	EP17168711A	EP163252768	National Oilwell Varco Norway As	Imnography	2037-04-28
Electrode assembly, system and method for inactivating organic material in a flow of water	Europe	EP17168711A	EP163252768	National Oilwell Varco Norway As	Imnography	2037-04-28
Drilling system and method	Europe	EP17178425A	EP163252768	National Oilwell Varco Norway As	Imnography	2037-04-28
Drilling system for rock drilling	Europe	EP17178322A	EP163252768	National Oilwell Varco Norway As	Imnography	2037-06-28
Cane, marine vessel or rig, and method	Europe	EP17188808A	EP163606276	National Oilwell Varco Norway As	Imnography	2037-08-31
Electrohydraulic device, method, and marine vessel or platform	Europe	EP17190129A	EP162632892	National Oilwell Varco Norway As	Imnography	2037-09-08
Apparatus for supporting a flywheel on a floating vessel and methods thereof	Europe	EP17209191A	EP163501958	National Oilwell Varco Norway As	Imnography	2037-12-22
Device adapted to be run on a tubing string into a wellbore	Europe	EP18157788A	EP163508272	National Oilwell Varco Norway As	Imnography	2038-02-21
Device for processing water and methods	Europe	EP18164582A	EP163546052	National Oilwell Varco Norway As	Imnography	2038-03-28
Electrode assembly and method for inactivating organic material in a flow of water	Europe	EP18200457A	EP163602112	National Oilwell Varco Norway As	Imnography	2038-10-15
A rope connector for connecting prepared ends of two rope segments, a rope extension system and a hoisting system comprising such rope connector	Europe	EP18214573A	EP163620643	National Oilwell Varco Norway As	Imnography	2038-12-20
System and method for improved heave compensation	Europe	EP19166745A	EP192162588	National Oilwell Varco Norway As	Imnography	2039-04-02
Tool, installation assembly, and method	Europe	EP19721398A	EP197818029	National Oilwell Varco Norway As	Imnography	2039-04-12

A method for installing an offshore wind turbine and a substructure for an offshore wind turbine	Europe	EP19798418A	EP20572062		National Oilwell Varco Norway AS	Hamso	2039-09-24
An apparatus for coupling and decoupling a connector head to and from an end of a wired drill pipe	Europe	EP19203843A	EP20808532		National Oilwell Varco Norway AS	Hamso	2039-10-17
Hoisting system and method for hoisting a vertically-suspended object	Europe	EP20153151A	EP20854276		National Oilwell Varco Norway AS	Hamso	2040-01-22
Processing seawater subsea	Europe	EP20169411A	EP20862200		National Oilwell Varco Norway AS	Hamso	2040-04-14
Device configured to control flow, e.g. in a subsea water processing system	Europe	EP20174203A	EP20910212		National Oilwell Varco Norway AS	Hamso	2040-05-12
ELEVATION FOR HEAVY LOAD PIPE LIFTING, PIPE FOR STORAGE ELEVATION AND PIPE HANDLER ASSEMBLY	Europe	21183863.2			National Oilwell Varco Norway AS	Hamso	
Lower diameter rotating tool joint adapter for offloading and storing above	Europe	211788913			National Oilwell Varco Norway AS	Hamso	
MECHANICAL POSITIONING SYSTEM AND METHOD FOR COMBINING MULTIPLE METHODS BY A HOISTING SYSTEM	Europe	212019109.6			National Oilwell Varco Norway AS	Hamso	
Control system for an underwater robot	Europe				National Oilwell Varco Norway AS	Hamso	
A die retainer system for a clamp die and method of operation of same	France			2753783	National Oilwell Varco Norway AS	Hamso	2032-09-05
A torque device for oil field use and method of operation for same	Germany			602012004020.3	National Oilwell Varco Norway AS	Hamso	2032-09-05
A die retainer system for a clamp die and method of operation of same	Germany			602012014728.8	National Oilwell Varco Norway AS	Hamso	2032-09-05
An apparatus for positioning an elongate element in a torque device and a method for operating same	Germany			602012018 668.2	National Oilwell Varco Norway AS	Hamso	2032-09-05
Method of building an offshore windmill	Germany	1775751.8.0		60 2017 020 650.4	National Oilwell Varco Norway AS	Hamso	2037-08-22
A die retainer system for a clamp die and method of operation of same	Italy			2753783	National Oilwell Varco Norway AS	Hamso	2032-09-05
An apparatus for positioning an elongate element in a torque device and a method for operating same	Italy			502016000085366	National Oilwell Varco Norway AS	Hamso	2032-09-05
Offshore wind turbine construction method	Japan	JP2019533287A	JP2019533229			Hamso	2037-08-22
Method and device for hoisting an item by means of a crane	Korea	KR20147032535A	KR201731272		National Oilwell Varco Norway AS	Hamso	2030-02-08
An apparatus and method for recuperation of hydraulic energy	Korea	KR20127032636A	KR2013223130		National Oilwell Varco Norway AS	Hamso	2031-05-18
A capture basket system for an under-deck pipehandling machine	Korea	KR20137011922A	KR2013527355		National Oilwell Varco Norway AS	Hamso	2031-10-11
A heave compensating system	Korea	KR20137015123A	KR2013309995		National Oilwell Varco Norway AS	Hamso	2031-10-11
A drilling system and a device for assembling and disassembling pipe stands	Korea	KR20137014143A	KR2013389092		National Oilwell Varco Norway AS	Hamso	2031-11-02
A torque device for oil field use and method of operation for same	Korea	KR20147009137A	KR2013927132		National Oilwell Varco Norway AS	Hamso	2032-09-05
Simultaneous clamp and torque drive	Korea	KR20147010541A	KR2013388720		National Oilwell Varco Norway AS	Hamso	2032-09-28

A die holder device for offshore use and method for utilizing the same	Korea	KR20147032830A							Imnography	2033-05-29
System for hoisting a load on an offshore rig	Korea	KR20167001670A							Imnography	2034-06-25
Rig floor for a drilling rig	Korea	KR20177014802A	KR20120027238						Imnography	2035-09-22
A method for placing and removing pipe from a finger rack	Korea	KR20177016350A	KR20120086573						Imnography	2035-11-13
Lifting crane	Korea	KR20177031024A	KR20160043072						Imnography	2036-03-16
Draw-works and method for operating the same	Korea	KR20160033402A	KR20160147293						Imnography	2036-03-21
Riser tensioner	Mexico	MX/A/2012/003076	MX/A/2012/003076						Hamso	2036-09-13
Method and device for lifting of an item from a crane	Mexico	MX/A/2011/008596	MX/A/2011/008596						Hamso	2031-08-15
Internal blow out preventer	Mexico	MX/A/2012/008032	MX/A/2012/008032						Hamso	2032-07-10
Hydraulic clamping device	Mexico	MX2010014022A	MX2010014022A						Imnography	2030-12-16
Method for reducing drilling oscillations	Mexico	MX2004008937A	MX2004008937A						Imnography	2033-01-17
Method and device for estimating downhole string variables	Mexico	MX2016015979A	MX2016015979A						Imnography	2034-06-05
Improved control of well bore trajectories	Mexico	MX2016009718A	MX2016009718A						Imnography	2035-01-27
A drawworks device for a drill floor	Netherlands	07747653.9							Hamso	2027-06-07
Guide system and method for operation of same	Netherlands		2029857						Hamso	2032-09-05
A torque device for oil field use and method of operation for same	Netherlands		2753782						Hamso	2032-09-05
Control equipment for a torque device for oil field use and method for operation of same	Netherlands	12775851.4	2753786						Hamso	2032-09-05
An apparatus for positioning an elongate element in an torque device and a method for operating same	Netherlands	15704106.2	3247667						Hamso	2035-01-22
Control equipment for a torque device for oil field use and method for operation of same	Netherlands	17757518.0	3507490						Hamso	2037-08-22
Method of building an offshore windmill	Netherlands	07808613.9	EP2064408						Hamso	2027-08-24
Centralizing device for an elongated body in a mouse hole machine	Netherlands	09735113.4	2265539						Hamso	2025-04-16
Method and device for chain wheel change	Netherlands	11832813.7	2627861						Hamso	2031-10-11
A capture basket system for an underdeck pipehandling machine	Netherlands	14817194.5	3014047						Hamso	2034-06-25
System for hoisting a load on an offshore rig	Netherlands	14825196.0	3234300						Hamso	2034-12-17
Pipe storage and handling	Netherlands	15161240.5	3072844						Hamso	2035-03-27
Offshore lifting crane	Netherlands	16172667.4	3252000						Hamso	2036-06-02
In-line spooling device for compensating heel angle	Netherlands	16190590.6	3299331						Hamso	2036-09-26
Fibre rope, hoisting system with such a fibre rope, and method for operating said hoisting system	Netherlands									
System arranged on a marine vessel or platform, such as for providing heave compensation and hoisting	Netherlands		3301082						Hamso	2036-10-03
Method of upgrading a knuckle-boom crane and a heave-compensating crane	Netherlands	16197082.7	3318530						Hamso	2036-11-03
Drilling system for rock drilling	Netherlands	17178322.8	3421712						Hamso	2037-06-28

Crane, marine vessel or rig, and method	Netherlands	17189808.4		3450676	National Oilwell Varco Norway AS	Håmsø	2037-08-31
Electrohydraulic device, method, and marine vessel or platform	Netherlands			3453893	National Oilwell Varco Norway AS	Håmsø	2037-09-08
Method and device for hoisting an item by means of a crane	Nigeria	NG/C/2011/655	NG/C/2011/655	RP-NG/C/2011/655	National Oilwell Varco Norway AS	Håmsø	2031-08-15
A drawworks device on a drill floor	Norway	20062853		326329	National Oilwell Norway AS	Håmsø	2026-06-19
Centralizing device for a mouse hole	Norway	20064208		326344	National Oilwell Norway AS	Håmsø	2026-09-18
Winch device	Norway	20070817		326256	National Oilwell Norway AS	Håmsø	2027-02-14
Mud bucket device	Norway	20073057		326589	National Oilwell Norway AS	Håmsø	2027-06-15
A method and a device for hoisting an item	Norway	20073443		330923	National Oilwell Norway AS	Håmsø	2027-07-05
Power tong device	Norway	20075521		328960	National Oilwell Varco Norway AS	Håmsø	2027-11-01
Remote controllable spherical connection	Norway	20081044		329012	National Oilwell Norway AS	Håmsø	2028-02-28
Method and device for testing of tribologic degradation properties of a surface.	Norway	20084289		329070	National Oilwell Norway AS	Håmsø	2028-10-14
Riser tensioner	Norway	20093004		331342	National Oilwell Norway AS	Håmsø	2029-09-15
An apparatus for positioning of a clamp body and a method for operating a clamp body	Norway	12767119.6		2753781	National Oilwell Varco Norway AS	Håmsø	2032-09-05
Guide system and method for operation of same	Norway	12767121.2		2753782	National Oilwell Varco Norway AS	Håmsø	2032-09-05
A die retainer system for a clamp die and method of operation of same	Norway	12767123.8		2753783	National Oilwell Varco Norway AS	Håmsø	2032-09-05
An apparatus for positioning an elongate element in an torque device and a method for operating same	Norway	12767125.3		2753784	National Oilwell Varco Norway AS	Håmsø	2032-09-05
A torque device for oil field use and method of operation for same	Norway	12767126.1		2753785	National Oilwell Varco Norway AS	Håmsø	2032-09-05
Control equipment for a torque device for oil field use and method for operation of same	Norway	12775851.4		2753786	National Oilwell Varco Norway AS	Håmsø	2032-09-05
Winch drum with internal wire storage	Norway	15704106.2		3247667	National Oilwell Varco Norway AS	Håmsø	2035-01-22
Method and device for cable replacement	Norway	NO20081890A		NO20081890A	National Oilwell Varco Norway AS	Imngraphy	2028-04-21
Hydraulic clamping device	Norway	NO20082732A		NO20082732A	National Oilwell Varco Norway AS	Imngraphy	2028-06-18
Method and device for lift compensation.	Norway	NO20083596A		NO20083596A	National Oilwell Varco Norway AS	Imngraphy	2028-08-20
Centering mechanism for rudder	Norway	NO20084174A		NO20084174A	National Oilwell Varco Norway AS	Imngraphy	2028-10-06
Device for mouse hole muffler	Norway	NO20084569A		NO20084569A	National Oilwell Varco Norway AS	Imngraphy	2028-10-30
Method and apparatus for hoisting a package from a crane	Norway	NO20090729A		NO20090729A	National Oilwell Varco Norway AS	Imngraphy	2029-02-16
Device and method for reducing dynamic loads in cranes	Norway	NO20100435A		NO20100435A	National Oilwell Varco Norway AS	Imngraphy	2030-03-24
Method and apparatus for treating a pipe string section located in an intermediate bearing	Norway	NO20100469A		NO20100469A	National Oilwell Varco Norway AS	Imngraphy	2030-03-30
Device and method for recovering hydraulic energy	Norway	NO20100738A		NO20100738A	National Oilwell Varco Norway AS	Imngraphy	2030-05-20
Catch basket system for a bottom deck pipe handling machine	Norway	NO20101410A		NO20101410A	National Oilwell Varco Norway AS	Imngraphy	2030-10-12
Ceiling tools to counteract the twisting of mainly dived ropes	Norway	NO20101540A		NO20101540A	National Oilwell Varco Norway AS	Imngraphy	2030-11-03
A method for detecting and locating a fluid leak in connection with a piston machine	Norway	NO20101641A		NO20101641A	National Oilwell Varco Norway AS	Imngraphy	2030-11-22
Method and system for reducing drill string oscillation	Norway	NO20120073A		NO20120073A	National Oilwell Varco Norway AS	Imngraphy	2032-01-24
Tray holder and method of using the same	Norway	NO20120632A		NO20120632A	National Oilwell Varco Norway AS	Imngraphy	2032-05-30



Method and device for estimating downhole string variables	Norway	14894153.7		3152393	National Oilwell Varco Norway AS	Hamsø	2034-06-05
System for hoisting a load on an offshore rig	Norway	14817194.5		3014047	National Oilwell Varco Norway AS	Hamsø	2034-06-25
Pipe storage and handling	Norway	14825196.0		3234300	National Oilwell Varco Norway AS	Hamsø	2034-12-17
Improved Control of Well Bore Trajectories	Norway	15704107.0		3099883	National Oilwell Varco Norway AS	Hamsø	2035-01-27
Offshore lifting crane	Norway	15161240.5		3072844	National Oilwell Varco Norway AS	Hamsø	2035-03-27
Draw-works and method for operating the same	Norway	15161583.8		3075946	National Oilwell Varco Norway AS	Hamsø	2035-03-30
Improvements in the control of hydraulic actuators	Norway	15171831.9		3104022	National Oilwell Varco Norway AS	Hamsø	2035-06-12
Drilling Rig	Norway	15797167.2		3218567	National Oilwell Varco Norway AS	Hamsø	2035-11-13
A method for placing and removing pipe from a finger rack	Norway	15797161.5		3218568	National Oilwell Varco Norway AS	Hamsø	2035-11-13
Method and apparatus for real-time fluid compressibility measurements	Norway	NO20151610A	NO20151610A		National Oilwell Varco Norway AS	Immagraphy	2035-11-25
Lifting crane/wire back tension device	Norway	NO20160031A	NO20160031A		National Oilwell Varco Norway AS	Immagraphy	2036-01-07
In-line spooling device for compensating fleet angle	Norway	16172667.4		3252000	National Oilwell Varco Norway AS	Hamsø	2036-06-02
Beating arrangement	Norway	16821712.3		3319871	National Oilwell Varco Norway AS	Hamsø	2036-07-06
Fibre rope, hoisting system with such a fibre rope, and method for operating said hoisting system	Norway	16190590.6		3299331	National Oilwell Varco Norway AS	Hamsø	2036-09-26
System arranged on a marine vessel or platform, such as for providing heave compensation and hoisting	Norway			3301062	National Oilwell Varco Norway AS	Hamsø	2036-10-03
Method of upgrading a knuckle-boom crane and a heave-compensating crane	Norway	16197082.7		3318530	National Oilwell Varco Norway AS	Hamsø	2036-11-03
Drilling unit comprising an electric heave-compensation system	Norway	17156406.5		3363989	National Oilwell Varco Norway AS	Hamsø	2037-02-16
Drilling System and Method	Norway	17178425.9		3421711	National Oilwell Varco Norway AS	Hamsø	2037-06-28
Drilling system for rock drilling	Norway	17178322.8		3421712	National Oilwell Varco Norway AS	Hamsø	2037-06-28
Crane, marine vessel or rig, and method	Norway	17188808.4		3450676	National Oilwell Varco Norway AS	Hamsø	2037-08-31
Electrohydraulic device, method, and marine vessel or platform	Norway			3453893	National Oilwell Varco Norway AS	Hamsø	2037-09-08
Tool, installation assembly, and method	Norway	NO20180521A	NO20180521A		National Oilwell Varco Norway AS	Immagraphy	2038-04-16
A method for installing an offshore wind turbine and a substructure for an offshore wind turbine	Norway	NO20181239A	NO20181239A		National Oilwell Varco Norway AS	Immagraphy	2038-09-24
Hydraulic fluid for offshore applications	Norway	NO20181341A	NO20181341A		National Oilwell Varco Norway AS	Immagraphy	2038-10-19
Hydraulic fluid for offshore applications	Norway	NO20181341A	NO20181341A		National Oilwell Varco Norway AS	Immagraphy	2038-10-19
Systems and methods for managing fluid pressure in a borehole during drilling operations	Norway	NO20190004A	NO20190004A		National Oilwell Varco Norway AS	Immagraphy	2039-01-03
Cathode coating for an electrochemical cell	Norway	NO20191010A	NO20191010A		National Oilwell Varco Norway AS	Immagraphy	2039-08-22
An apparatus for positioning of a clamp body and a method for operating a clamp body	Poland	PL12767119T	PL12767119T		National Oilwell Varco Norway AS	Immagraphy	2032-09-05
A die retainer system for a clamp die and method of operation of same	Poland	PL12767123T	PL12767123T		National Oilwell Varco Norway AS	Immagraphy	2032-09-05
A torque device for oil field use and method of operation for same	Poland	PL12767126T	PL12767126T		National Oilwell Varco Norway AS	Immagraphy	2032-09-05
A collector device for drilling fluid	Russia	2009145996	2009145996		National Oilwell Varco Norway AS	Hamsø	2028-06-11
Mouse hole damper device	Russia	2011119257	2011119257		National Oilwell Varco Norway AS	Hamsø	2029-10-26

Method and device for treatment of a pipesteering section that is positioned in a set-back	Russia	2012144291	2012144291	25536890	National OIiwell Varco Norway AS	Hamsø	2033-03-25
Hydraulic clamping device	Russia	RU2011100473A	RU2439833E	512439833E	National OIiwell Varco Norway As	Imnography	2029-06-15
Heaving compensation system and control over said system	Russia	RU2013122781A	RU2569531I	512569531I	National OIiwell Varco Norway As	Imnography	2031-10-11
Method and device for preventing erroneous safety valve opening for drilling fluid	Russia	RU2013145296A	RU25931856E	5125931856E	National OIiwell Varco Norway As	Imnography	2032-03-27
Method of reducing vibrations of drill string	Russia	RU2014132033A	RU2609238E	512609238E	National OIiwell Varco Norway As	Imnography	2033-01-17
Method and device for estimating downhole string variables	Russia	RU2016150161A	RU2686438E	512686438E	National OIiwell Varco Norway As	Imnography	2034-06-05
Drilling floor for drilling rig	Russia	RU2017118445A	RU27295686E	5127295686E	National OIiwell Varco Norway As	Imnography	2035-09-22
Hoisting crane and method of its operation	Russia	RU2018128401A	RU27243359A	5127243359A	National OIiwell Varco Norway As	Imnography	2037-01-04
Method and device for estimating downhole string variables	Saudi Arabia	516380419			National OIiwell Varco Norway AS	Hamsø	2034-06-05
Improved Control of Well Bore Trajectories	Saudi Arabia	516371559			National OIiwell Varco Norway AS	Hamsø	2035-01-27
A torque device for oil field use and method of operation for same	Singapore	SG112014001150A	SG112014001150A	56112014001150A	National OIiwell Varco Norway As	Imnography	2032-09-05
Simultaneous clamp and torque drive	Singapore	SG102014026877A	SG102014026887Y	56102014026887Y	National OIiwell Varco Norway As	Imnography	2032-09-28
Simultaneous clamp and torque drive	Singapore	SG11201401023XA	SG11201401023X	5611201401023X	National OIiwell Varco Norway As	Imnography	2032-09-28
A low line controlling device and method of controlling same	Singapore	SG112014065887A	SG112014065887Y	56112014065887Y	National OIiwell Varco Norway As	Imnography	2033-04-29
A die holder device for oilfield use and method for utilizing the same	Singapore	SG112014072477A	SG112014072477Y	56112014072477Y	National OIiwell Varco Norway As	Imnography	2033-05-29
Device for connecting first and second elongated members	Singapore	SG112014079279A	SG112014079279Y	56112014079279Y	National OIiwell Varco Norway As	Imnography	2033-06-12
A method for placing and removing pipe from a finger rack	Singapore	SG112017034738A	SG112017034738E	56112017034738E	National OIiwell Varco Norway As	Imnography	2035-11-13
A drawworks device for a drill floor	United Kingdom	07747653.9		20293857	National OIiwell Norway AS	Hamsø	2027-06-07
A collector device for drilling fluid	United Kingdom	0921202.8	0921202.8	2462760	National OIiwell Norway AS	Hamsø	2028-06-11
Mouse hole damper device	United Kingdom	1105041.6	1105041.6	2476599	National OIiwell Varco Norway AS	Hamsø	2029-10-26
Guide system and method for operation of same	United Kingdom			2753782	National OIiwell Varco Norway AS	Hamsø	2032-09-05
A die retainer system for a clamp die and method of operation of same	United Kingdom			2753783	National OIiwell Varco Norway AS	Hamsø	2032-09-05
An apparatus for positioning an elongate element in an torque device and a method for operating same	United Kingdom			2753784	National OIiwell Varco Norway AS	Hamsø	2032-09-05
Which drum with internal wire storage	United Kingdom	15704106.2		3247667	National OIiwell Varco Norway AS	Hamsø	2035-01-22
Method of building an offshore windmill	United Kingdom	1775751.8.0		3507490	National OIiwell Varco Norway AS	Hamsø	2037-08-22
Centralizing device for an elongated body in a mouse hole machine	United Kingdom	07808613.9		EP2064408	National OIiwell Varco Norway AS	Hamsø	2027-08-24
Method for lift compensation	United Kingdom	GB201002753A	GB248223E	53248223E	National OIiwell Varco Norway As	Imnography	2028-09-15
A device for a power tong	United Kingdom	GB201006179A	GB2485559E	532485559E	National OIiwell Varco Norway As	Imnography	2028-10-30
Method and device for chain wheel change	United Kingdom	09739113.4		2265539	National OIiwell Varco Norway AS	Hamsø	2029-04-16
Hydraulic clamping device	United Kingdom	GB201019733A	GB2473356E	532473356E	National OIiwell Varco Norway As	Imnography	2029-06-15
Method and device for treatment of a pipesteering section that is positioned in a set-back	United Kingdom	11763100.2		2553207	National OIiwell Varco Norway AS	Hamsø	2033-03-25
A capture basket system for an underdeck pipehandling machine	United Kingdom	11832813.7		2627861	National OIiwell Varco Norway AS	Hamsø	2031-10-11
Lifting tool for opposing twisting of generally submerged ropes	United Kingdom			2635517	National OIiwell Varco Norway AS	Hamsø	2031-11-02

An apparatus for positioning of a clamp body and a method for operating a clamp body	United Kingdom	2753781	2033-09-05	Hamsø
A torque device for oil field use and method of operation for same	United Kingdom	2753785	2032-09-05	Hamsø
System for hoisting a load on an offshore rig	United Kingdom	14817194.5	2034-06-25	Hamsø
Pipe storage and handling	United Kingdom	14825196.0	2034-12-17	Hamsø
Improved Control of Well Bore Trajectories	United Kingdom	15704107.0	2035-01-27	Hamsø
Offshore lifting crane	United Kingdom	15161240.5	2035-03-27	Hamsø
Draw-works and method for operating the same	United Kingdom	3075946	2035-03-30	Hamsø
Improvements in the control of hydraulic actuators	United Kingdom	15171831.9	2035-06-12	Hamsø
In-line spooling device for compensating fleet angle	United Kingdom	16172667.4	2036-06-02	Hamsø
Bearing arrangement	United Kingdom	16821712.3	2036-07-06	Hamsø
Fibre rope, hoisting system with such a fibre rope, and method for operating said hoisting system	United Kingdom	16190590.6	2036-09-26	Hamsø
System arranged on a marine vessel or platform, such as for providing heave compensation and hoisting	United Kingdom	3301062	2036-10-03	Hamsø
Method of upgrading a knuckle-boom crane and a heave-compensating crane	United Kingdom	16197082.7	2036-11-03	Hamsø
Drilling unit comprising an electric heave-compensation system	United Kingdom	17156406.5	2037-02-16	Hamsø
Drilling System and Method	United Kingdom	17178425.9	2037-06-28	Hamsø
Drilling system for rock drilling	United Kingdom	17178322.8	2037-06-28	Hamsø
Systems and methods for managing fluid pressure in a borehole during drilling operations	United Kingdom	GB201900048A	2037-07-06	Imnography
Crane, marine vessel or rig, and method	United Kingdom	3450676	2037-08-31	Hamsø
Electrohydraulic device, method, and marine vessel or platform	United Kingdom	3453883	2037-09-08	Hamsø
A collector device for drilling fluid	United States	12,664,979	2030-08-01	Hamsø
Internal blow out preventer	United States	14,580,342	2031-01-10	Hamsø
Internal blow out preventer	United States	13,521,564	2031-08-10	Hamsø
Method of drilling sub-sea oil and gas production wells	United States	US10,247,149	2022-09-19	Imnography
Method and a device for protection of personnel	United States	US10,509,916	2023-04-25	Imnography
Tensioning system for production tubing in a riser at a floating installation for hydrocarbon production	United States	US10,528,667	2023-11-13	Imnography
Draining of oil leak in a hydraulic cylinder	United States	US10,534,684	2023-11-15	Imnography
Valve arrangement for reciprocating machinery such as a pump and an compressor	United States	US10,508,492	2023-12-24	Imnography
Two-part telescopic tensioner for risers at a floating installation for oil and gas production	United States	US10,534,683	2024-01-09	Imnography
Drill floor device	United States	US12,089,484	2026-10-24	Imnography
Method of filtering pump noise	United States	US11,628,563	2027-08-04	Imnography
Centralizing device for an elongated body in a active hole machine	United States	US12,311,010	2029-01-01	Imnography
System for active heave compensation and use thereof	United States	US12,302,170	2029-01-29	Imnography
Method for lift compensation	United States	US12,679,177	2029-02-12	Imnography

Drawworks device on a drill floor	United States	US12/308591		US2009034302	National Oilwell Varco Norway As	Immagraphy	2029-04-04
Method for detection of a fluid leak related to a piston machine	United States	US12/598382		US2009034053	National Oilwell Varco Norway As	Immagraphy	2029-12-06
Method for detection of a malfunction related to a fluid affected component in a piston machine	United States	US12/598401		US2009034274	National Oilwell Varco Norway As	Immagraphy	2030-06-02
Method for reducing cogging torque effects of an electrical permanent magnet machine	United States	US12/694182		US2009034566	National Oilwell Varco Norway As	Immagraphy	2030-08-28
Method and device for hoisting an item by means of a crane	United States	US13/201672		US2009034622	National Oilwell Varco Norway As	Immagraphy	2031-02-09
Hydraulic clamping device	United States	US12/699546		US2009034729	National Oilwell Varco Norway As	Immagraphy	2031-04-11
Mouse hole damper device	United States	US13/126729		US2009034808	National Oilwell Varco Norway As	Immagraphy	2031-08-01
Method for reducing dynamic loads of cranes	United States	US15/069254		US2010030653	National Oilwell Varco Norway As	Immagraphy	2032-02-21
Riser tensioner	United States	US13/496195		US2009034764	National Oilwell Varco Norway As	Immagraphy	2032-02-24
Capture basket system for an underdeck pipelining machine	United States	US13/678746		US2014027288	National Oilwell Varco Norway As	Immagraphy	2032-02-24
Heave compensating system	United States	US13/988281		US2016073460	National Oilwell Varco Norway As	Immagraphy	2032-05-24
Method and device for preventing a mud relief valve from incorrect opening	United States	US14/005621		US2016031286	National Oilwell Varco Norway As	Immagraphy	2032-08-15
Torque device for oil field use and method of operation for same	United States	US16/714641	US202003139271		National Oilwell Varco Norway As	Immagraphy	2032-09-05
Drilling system and a device for assembling and disassembling pipe stands	United States	US13/880924		US2013034658	National Oilwell Varco Norway As	Immagraphy	2032-12-22
Lifting tool for opposing twisting of generally submerged ropes	United States	US13/883169		US2012033339	National Oilwell Varco Norway As	Immagraphy	2033-03-14
Tow line controlling device and method of controlling same	United States	US14/398913		US2017031133	National Oilwell Varco Norway As	Immagraphy	2033-04-29
Method and apparatus for real-time fluid compressibility measurements	United States	US14/897345		US20150342	National Oilwell Varco Norway As	Immagraphy	2033-06-19
Apparatus and method for recuperation of hydraulic energy	United States	US13/698952		US2009034922	National Oilwell Varco Norway As	Immagraphy	2033-07-09
Simultaneous clamp and torque drive	United States	US14/344802		US2012038272	National Oilwell Varco Norway As	Immagraphy	2033-08-01
Method and system for detection and localization of a fluid related to a piston machine	United States	US13/988909		US2017034172	National Oilwell Varco Norway As	Immagraphy	2033-12-14
Method and device for treatment of a pipelining section that is positioned in a set-back	United States	US13/638119		US2009034922	National Oilwell Varco Norway As	Immagraphy	2034-02-14
Die holder device and method for utilizing the same	United States	US14/403860		US2012038381	National Oilwell Varco Norway As	Immagraphy	2034-02-16
System and method for reducing drilling oscillations	United States	US14/374494		US2009034792	National Oilwell Varco Norway As	Immagraphy	2034-04-14
Method and device for estimating downhole string variables	United States	US16/385148		US2017034552	National Oilwell Varco Norway As	Immagraphy	2034-06-05
Method and device for estimating downhole string variables	United States	US15/316422		US20160309713	National Oilwell Varco Norway As	Immagraphy	2034-07-20
Pipe stopper	United States	US15/523213		US2016032038	National Oilwell Varco Norway As	Immagraphy	2034-10-31
System and method for routing chemicals in a chemical plant	United States	US15/535847		US20090348862	National Oilwell Varco Norway As	Immagraphy	2034-12-17
Winch drum with internal wire storage	United States	US15/022369		US2013098012	National Oilwell Varco Norway As	Immagraphy	2035-01-12
System for hoisting a load on a drilling rig	United States	US15/544431		US20160346886	National Oilwell Varco Norway As	Immagraphy	2035-01-22
Coupler device and method for using the same	United States	US15/539209		US20160378289	National Oilwell Varco Norway As	Immagraphy	2035-03-01
Methods and systems for control of wellbore trajectories	United States	US14/892552		US20160340276	National Oilwell Varco Norway As	Immagraphy	2035-04-07
	United States	US15/1474703		US20090348906	National Oilwell Varco Norway As	Immagraphy	2035-07-17

Torque device for oil field use and method of operation for same	United States	US14/241161							
Method for placing and removing pipe from a finger rack	United States	US15/526024							
Drilling rig	United States	US17/249660	US201902272513	US10264656	National Oilwell Varco Norway AS	Imnography	2035-11-13		
Rig floor for a drilling rig	United States	US15/521694		US10264656	National Oilwell Varco Norway AS	Imnography	2035-11-13		
Offshore lifting crane	United States	US15/560064		US10264656	National Oilwell Varco Norway AS	Imnography	2036-02-13		
Apparatus and methods for the control of hydraulic actuators	United States	US15/580234		US10264656	National Oilwell Varco Norway AS	Imnography	2036-03-26		
Bearing arrangement	United States	US15/739329		US10264656	National Oilwell Varco Norway AS	Imnography	2036-06-08		
Draw-works and method for operating the same	United States	US15/074489		US10264656	National Oilwell Varco Norway AS	Imnography	2036-07-06		
System for energy regeneration and distribution	United States	US16/077397	US201902272514	US10264656	National Oilwell Varco Norway AS	Imnography	2037-02-15		
Wire back tension device	United States	US16/065011		US10264656	National Oilwell Varco Norway AS	Imnography	2037-02-17		
In-line spooling device for compensating fleet angle	United States	US16/305525		US10264656	National Oilwell Varco Norway AS	Imnography	2037-04-16		
Jack-up rig for performing multiple independent operations simultaneously	United States	US16/309875		US10264656	National Oilwell Varco Norway AS	Imnography	2037-05-24		
Systems and methods for managing fluid pressure in a borehole during drilling operations	United States	US16/311308	US201902272514	US10264656	National Oilwell Varco Norway AS	Imnography	2037-06-14		
Method of building an offshore windmill	United States	US16/328160		US10264656	National Oilwell Varco Norway AS	Imnography	2037-07-06		
Method of upgrading a knuckle-boom crane and a heavy-compensating crane	United States	US16/344635	US2020020629534	US10264656	National Oilwell Varco Norway AS	Imnography	2037-08-22		
Fibre rope and hosting system including such a fibre rope	United States	US16/335181	US2020020629534	US10264656	National Oilwell Varco Norway AS	Imnography	2037-09-06		
Drilling rig	United States	US15/526616	US2020020629534	US10264656	National Oilwell Varco Norway AS	Imnography	2037-09-26		
System arranged on a marine vessel or platform, such as for providing heave compensation and hosting	United States	US16/338614		US10264656	National Oilwell Varco Norway AS	Imnography	2037-11-16		
Drilling system for rock drilling	United States	US16/626765	US2020020629534	US10264656	National Oilwell Varco Norway AS	Imnography	2038-04-04		
Drilling system and method	United States	US16/625390	US2020020629534	US10264656	National Oilwell Varco Norway AS	Imnography	2038-06-15		
Electrohydraulic device, method, and marine vessel or platform	United States	US16/644463	US2020020629534	US10264656	National Oilwell Varco Norway AS	Imnography	2038-06-18		
System and method for calibration of hydraulic models by surface string weight	United States	US16/760976	US2020020629534	US10264656	National Oilwell Varco Norway AS	Imnography	2038-09-07		
Apparatus for supporting a flywheel on a floating vessel and methods thereof	United States	US16/694629	US2020020629534	US10264656	National Oilwell Varco Norway AS	Imnography	2038-11-27		
Device for processing water, system, and methods	United States	US17/040158	US2020020629534	US10264656	National Oilwell Varco Norway AS	Imnography	2038-12-21		
Tool, installation assembly, and method for positioning a wind turbine blade	United States	US17/044929	US2020020629534	US10264656	National Oilwell Varco Norway AS	Imnography	2039-03-28		
A method for installing an offshore wind turbine and a substructure for an offshore wind turbine	United States	US17/278078	US2020020629534	US10264656	National Oilwell Varco Norway AS	Imnography	2039-04-12		
System and method for improved heave compensation	United States	US16/837272	US2020020629534	US10264656	National Oilwell Varco Norway AS	Imnography	2039-09-24		
Hosting system and method for hosting a vertically-suspended object	United States	US17/152226	US2020020629534	US10264656	National Oilwell Varco Norway AS	Imnography	2040-04-01		
A ROPE EXTENSION SYSTEM COMPRISING A ROPE CONNECTOR FOR	United States								
CONNECTING PREPARED ENDS OF TWO ROPE SEGMENTS, AND A HOSTING SYSTEM COMPRISING SUCH ROPE EXTENSION SYSTEM	United States								
Composite coating for an apparatus used in	United States								

ELEVATOR FOR HEAVYLOAD PIPE LIFTING, PIPE FEED SPOOL ELEVATOR AND PIPE HANDLER ASSEMBLY COMBING SPOOL ELEVATOR	WO/2021/034201	National Oilwell Varco Norway AS	Hamsø	2022-02-22
Cathode coating for an electrochemical cell	WO/2021/034201	National Oilwell Varco Norway AS	Hamsø	2022-02-22
Device, system and method for high speed data transfer	PCT/NO2020/050254	National Oilwell Varco Norway AS	Hamsø	2022-04-17
DEVICE CONFIGURED TO CONTROL FLOW, E.G. IN A SUBSEA WATER PROCESSING SYSTEM	PCT/NO2021/050121	National Oilwell Varco Norway AS	Hamsø	2022-11-12
VALVE AND METHOD FOR MULTI-STAGE WELL STIMULATION	PCT/NO2020/050186	National Oilwell Varco Norway AS	Hamsø	2022-12-26
Improvements relating to drill strings	PCT/NO2020/050258	National Oilwell Varco Norway AS	Hamsø	2023-04-19
Device, system and method for high speed data transfer	WO/2020/050254W	National Oilwell Varco Norway AS	Imnography	2022-04-17
Processing seawater, subsea	NO2021050099W	National Oilwell Varco Norway AS	Imnography	2022-10-14
Device configured to control flow, e.g. in a subsea water processing system	NO2021050121W	National Oilwell Varco Norway AS	Imnography	2022-11-12
Valve and method for multi-stage well stimulation	NO2020050186W	National Oilwell Varco Norway AS	Imnography	2022-12-26
APPARATUS, SYSTEM AND METHODS FOR MOVING A LOAD BETWEEN A PLATFORM VESSEL AND A SUBMERGED PLATFORM	PCT/NO2021/050282	National Oilwell Varco Norway AS	Hamsø	
PROCESSING SEAWATER 318956A	PCT/NO2021/050283	National Oilwell Varco Norway AS	Hamsø	

	Title	Country/Jurisdiction	Patent App. No.	Patent App. Pub. No.	Patent No.	Assignee	Priority Date	Date Source	Expiration Date
	Suspension of radial turret bearings	Australia	2017382984			APL Norway AS	5/8/2002	Tandberg	5/8/2022
	Line length adjuster 2	Australia	2018332581			APL Norway AS	5/8/2002	Tandberg	5/8/2022
	mooring line connector	Australia	2018353794			APL Norway AS	5/8/2002	Tandberg	5/8/2022
	Kjettingstrammer	Australia	2014260519		2014260519	APL Norway AS	6/17/2002	Tandberg	6/17/2022
	Exchangeable rail system for large turret bearing	Australia	2017361718			APL Norway AS	3/22/2005	Tandberg	3/22/2025
	Suspension of turret bearing units	Australia	2017366191			APL Norway AS	3/22/2005	Tandberg	3/22/2025
	A system for quick release of mooring and loading and unloading lines between a loading and unloading station at sea and a vessel	Australia	2019300992			APL Norway AS	4/22/2005	Tandberg	4/22/2025
	A energy absorption arrangement for reducing peak mooring loads.	Australia	2019336054			APL Norway AS	4/22/2005	Tandberg	4/22/2025
	Sulossa Mooring chain connector and tensioner	Australia	2019364146			APL Norway AS	3/19/2010	Tandberg	3/19/2030
	Foranklingsystem	Australia	2003201516		2003201516	APL Norway AS	3/19/2011	Tandberg	3/19/2031
	Mooring arrangement	Australia	AU2003201516A		AU2833281516	Api Norway AS	3/19/2011	Imnography	2023-01-13
	Dual axes connection device	Brazil	BR112020025539-4		№: BR112020025539-4	APL Norway AS	3/15/2005	Tandberg	3/15/2025
	Riser ball joint	Brazil	BR 11 2018 071760 6		BR 11 2020 007331 8.	APL Norway AS	3/19/2010	Tandberg	3/19/2030
	Foranklingsanordning	Brazil	PI0311847-9		PI0311847-9	APL Norway AS	5/30/2012	Tandberg	5/30/2032
	Røtkopling	Brazil	PI0311856-8		PI0311856-8	APL Norway AS	12/7/2012	Tandberg	12/7/2032
	Turntable; voluntary amendments	Brazil	BR 11 2012 023636 9			APL Norway AS	12/7/2012	Tandberg	12/7/2032
	Exchangeable rail system for large turret bearing	Brazil	BR11201900835-6		BR11201900835-6	APL Norway AS	12/7/2012	Tandberg	12/7/2032
	Suspension of turret bearing units	Brazil	№ BR 11 2019 010705 3			APL Norway AS	5/2/2013	Tandberg	5/2/2033
	Suspension of radial turret bearings	Brazil	№ BR 11 2019 012748 8			APL Norway AS	5/2/2013	Tandberg	5/2/2033
	mooring line connector	Brazil	BR 11 2020 007331 8			APL Norway AS	5/2/2013	Tandberg	5/2/2033
	Gasstøttingsinnretning	BR 11 2015 013122 0			BR 11 2015 013122-0	APL Norway AS	12/7/2013	Tandberg	12/7/2033
	Tandem loading station.	Brazil	BR112021005782-0			APL Norway AS	5/2/2014	Tandberg	5/2/2034
	Sulossa Mooring chain connector and tensioner	Brazil	BR112021007445-7		BR112021007445-7	APL Norway AS	1/27/2016	Tandberg	1/27/2036
	Røtkopling	Canada	2510666		2510 666	APL Norway AS	4/25/2016	Tandberg	4/25/2036
	Kjettingstrammer	Canada	2 911173		2911173	APL Norway AS	4/25/2016	Tandberg	4/25/2036
	WCEC	Canada	3068937			APL Norway AS	4/25/2016	Tandberg	4/25/2036
	Line length adjuster 2	Canada	3075868			APL Norway AS	11/17/2016	Tandberg	11/17/2036
	mooring line connector	Canada	3079152			APL Norway AS	11/17/2016	Tandberg	11/17/2036
	Sulossa Mooring chain connector and tensioner	Canada	3117375			APL Norway AS	11/17/2016	Tandberg	11/17/2036
	Riser ball joint	Canada	3022151			APL Norway AS	4/25/2017	Tandberg	4/25/2037
	Foranklingsanordning	China	03814164.7		ZJ03814164.7	APL Norway AS	11/17/2016	Tandberg	11/17/2036
	Foranklingsystem	China	03804065.4		ZJ03804065.4	APL Norway AS	11/17/2016	Tandberg	11/17/2036
	Røtkopling	China	03810446.6		ZJ03810446.6	APL Norway AS	11/28/2016	Tandberg	11/28/2036
	Røtkopling	Denmark	03730924.2		1502051	APL Norway AS	11/28/2016	Tandberg	11/28/2036
	Mooring pull-in system	EPC	06733095.1		EP1861309	APL Norway AS	11/28/2016	Tandberg	11/28/2036
	Støttestøtting	EPC	06733120.7		EP1871973	APL Norway AS	11/28/2016	Tandberg	11/28/2036
	Suspension of turret bearing units	EPC	17822803.7		EP3544886	APL Norway AS	11/28/2016	Tandberg	11/28/2036
	WCEC	EPC	18769514.3		EP369071	APL Norway AS	11/28/2016	Tandberg	11/28/2036
	Tandem loading station.	EPC	EP19870663.2		EP3863916	APL Norway AS	11/28/2016	Tandberg	11/28/2036
	Suspension of radial turret bearings	EPC	17838001-0-1013		EP3558807	APL Norway AS	12/23/2016	Tandberg	12/23/2036
	Røtkopling	France	03730924.2		1502051	APL Norway AS	12/23/2016	Tandberg	12/23/2036
	Røtkopling	Germany	03730924.2		60323962.5	APL Norway AS	12/23/2016	Tandberg	12/23/2036
	Røtkopling	Italy	03730924.2		1502051	APL Norway AS	12/23/2016	Tandberg	12/23/2036
	A system for quick release of mooring and loading and unloading lines between a loading and unloading station at sea and a vessel	Mexico	MX/6/2021/000284			APL Norway AS	12/23/2016	Tandberg	12/23/2036
	A ENERGY ABSORPTION ARRANGEMENT FOR REDUCING PEAK MOORING LOADS	Mexico	MX/9/2021/002604			APL Norway AS	12/23/2016	Tandberg	12/23/2036
	Røtkopling	Netherlands	03730924.2		1502051	APL Norway AS	7/6/2017	Tandberg	7/6/2037
	Turntable	Norway	20100418		331838	APL Norway AS	7/6/2017	Tandberg	7/6/2037
	Røtkonnettor basert på kompaktfjærteknologi med dobbel barriere	Norway	20110784		333634	APL Norway AS	7/6/2017	Tandberg	7/6/2037
	Gasstøttingsinnretning	Norway	20121491		335676	APL Norway AS	9/15/2017	Tandberg	9/15/2037
	Kjettingstrammer	Norway	20130615		337351	APL Norway AS	9/15/2017	Tandberg	9/15/2037

riser ball joint	Norway	20160692			342811	APL Norway AS	9/15/2017	Tandberg	9/15/2037
Suspension of radial turret bearings	Norway	17838001-0-1013	3558807		EP3558807	APL Norway AS	9/15/2017	Tandberg	9/15/2037
WCEC	Norway	20171115			343764	APL Norway AS	10/16/2017	Tandberg	10/16/2037
Line length adjuster 2	Norway	20171487	345181		345181	APL Norway AS	10/16/2017	Tandberg	10/16/2037
mooring line connector	Norway	20171638	343647		343647	APL Norway AS	10/16/2017	Tandberg	10/16/2037
Dual axes connection device	Norway	20180854	345639		345639	APL Norway AS	10/16/2017	Tandberg	10/16/2037
A energy absorption arrangement for reducing peak mooring loads.	Norway	20181157	345098		345098	APL Norway AS	10/16/2017	Tandberg	10/16/2037
Tandem loading station	Norway	20181304	345444		345444	APL Norway AS	6/19/2018	Tandberg	6/19/2038
Sulbasa Mooring chain connector and tensioner	Norway	20181371				APL Norway AS	6/19/2018	Tandberg	6/19/2038
Power safety line	Norway	20200641				APL Norway AS	6/19/2018	Tandberg	6/19/2038
Turret stoppering	Norway	20051352	336667		336667	APL Norway AS	7/6/2018	Tandberg	7/6/2038
Foranklingsanordning	Norway	20022892	316504		316504	APL Norway AS	7/10/2018	Tandberg	7/10/2038
Mooring Inntrekk	Norway	20051516	324808		324808	APL Norway AS	7/10/2018	Tandberg	7/10/2038
Suspension of turret bearing units	Norway	17822803.7	3544886		EP3544886	APL Norway AS	7/10/2018	Tandberg	7/10/2038
Exchangeable rail system for large turret bearing	Norway	17818315.8	EP3541698		EP3541698	APL Norway AS	9/15/2018	Tandberg	9/15/2038
A system for quick release of mooring and loading and unloading lines between a loading and unloading station at sea and a vessel	Norway	20180971	345396		345396	APL Norway AS	10/16/2018	Tandberg	10/16/2038
Multidirectional BLS	Norway	20200402				APL Norway AS	6/19/2019	Tandberg	6/19/2039
Røtkopling	Norway	20022196			316470	APL Norway AS	7/10/2019	Tandberg	7/10/2039
Suspension of turret bearing units	PCI	PCI/NO2017/000031				APL Norway AS	9/5/2018	Tandberg	9/5/2038
Multidirectional BLS	PCI	PCI/NO2021/050084				APL Norway AS	9/5/2018	Tandberg	9/5/2038
Power safety line	PCI	PCI/NO2021/050132		WO 2021/201688		APL Norway AS	9/5/2019	Tandberg	9/5/2039
Røtkopling	South Korea	2004-70171997		WO 2021/242112		APL Norway AS	9/5/2018	Tandberg	9/5/2038
Mooring pull-in system	United Kingdom	06733095.1			10-1023990	APL Norway AS	10/10/2018	Tandberg	10/10/2038
Kjettingstrammer	United Kingdom	1519341.0	GB527721		EP1861309	APL Norway AS	10/10/2018	Tandberg	10/10/2038
Suspension of radial turret bearings	United Kingdom	17838001	3558807		2527721	APL Norway AS	10/10/2018	Tandberg	10/10/2038
Line length adjuster 2	United Kingdom	2002975.7	2579944		EP3558807	APL Norway AS	10/24/2018	Tandberg	10/24/2038
mooring line connector	United Kingdom	2005291.6				APL Norway AS	10/24/2018	Tandberg	10/24/2038
Dual axes connection device	United Kingdom	2019719.0		GB2589475		APL Norway AS	10/24/2018	Tandberg	10/24/2038
Sulbasa Mooring chain connector and tensioner	United Kingdom	2105717.9	2592795			APL Norway AS	10/24/2018	Tandberg	10/24/2038
Gasstettinginneting	United Kingdom	1509407.1	2523035		GB2523035	APL Norway AS	10/24/2018	Tandberg	10/24/2038
Exchangeable rail system for large turret bearing	United Kingdom	17818315.8	EP3541698		EP3541698	APL Norway AS	10/10/2019	Tandberg	10/10/2039
Sligerør-avhenging	United Kingdom	06733120.7	EP1871973		EP1871973	APL Norway AS	10/24/2019	Tandberg	10/24/2039
Røtkopling	United Kingdom	03730924.2	1502051		1502051	APL Norway AS	4/21/2020	Tandberg	4/21/2040
Suspension of turret bearing units	United Kingdom	17822803.7	EP3544886		EP3544886	APL Norway AS	4/21/2021	Tandberg	4/21/2041
Suspension of turret bearing units	United States	16/462.987	11072397		11072397	APL Norway AS	1/17/2002	Tandberg	1/17/2022
Suspension of radial turret bearings	United States	16/471.866	10.787.232		10.787.232	APL Norway AS	1/17/2002	Tandberg	1/17/2022
WCEC	United States	16/626.104	10.982.644		10.982.644	APL Norway AS	1/17/2002	Tandberg	1/17/2022
Dual axes connection device	United States	17/252468	2021-0188401			APL Norway AS	5/8/2002	Tandberg	5/8/2022
A system for quick release of mooring and loading and unloading lines between a loading and unloading station at sea and a vessel	United States	17.258.254	2021-0284287			APL Norway AS	5/8/2002	Tandberg	5/8/2022
A energy absorption arrangement for reducing peak mooring loads.	United States	17/272.594	US-2021-0354789-A1			APL Norway AS	5/8/2002	Tandberg	5/8/2022
Tandem loading station.	United States	17/284.364	2021/0380204			APL Norway AS	5/8/2002	Tandberg	5/8/2022
Sulbasa Mooring chain connector and tensioner	United States	17/287.059	2021/0380203			APL Norway AS	5/8/2002	Tandberg	5/8/2022
Foranklingsanordning	United States	10/518958	7044817		7044817	APL Norway AS	5/8/2002	Tandberg	5/8/2022
Foranklingsystem	United States	10/501757	6932015		6932015	APL Norway AS	5/8/2002	Tandberg	5/8/2022
Mooring pull-in system	United States	11/886919	7775175		7775175	APL Norway AS	5/8/2002	Tandberg	5/8/2022
Riser termination	United States	16/072.539	10.633.935.B2		10.633.935.B2	APL Norway AS	6/17/2002	Tandberg	6/17/2022
Riser ball joint	United States	16/095.417	US-10851.923		US-10851.923	APL Norway AS	6/17/2002	Tandberg	6/17/2022
Exchangeable rail system for large turret bearing	United States	16/461.708	10.759.501.B2		10.759.501.B2	APL Norway AS	6/17/2002	Tandberg	6/17/2022
Line length adjuster 2	United States	16647258	11220313		11220313	APL Norway AS	3/22/2005	Tandberg	3/22/2025
mooring line connector	United States	16756414	11220314		11220314	APL Norway AS	3/22/2005	Tandberg	3/22/2025
Gasstettinginneting	United States	14.649.626	10.422.456		10.422.456	APL Norway AS	5/29/2020	Tandberg	5/29/2040
Turntable	United States	US 13/635.816	US 2013-0199432-A1		US 8.813.668	APL Norway AS	5/29/2021	Tandberg	5/29/2041



Multidirectional turret loading system for loading/unloading of fluid between an offshore installation and a vessel System for avoiding damage to power cables to and from and within a floating

WO

NO2021050084W  
NO2021050132W

NO2021201438  
NO202120142

Apl Norway AS  
Apl Norway AS

Immagraphy  
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2022-10-02  
2022-11-29

Title	Country/Jurisdiction	Patent App. No.	Patent App. Pub. No.	Patent No.	Registered Owner/Applicant	Owner/Applicant's first office reference	App. Date	Expiration Date	Days Since
Hadamunglassert Lager Device and method for recovering MEG	Australia	2010390195		20337842	NOV Process & Flow Technologies AS	NOV Process & Flow Technologies AS	10/27/2008	10/27/2023	9/2/2030
Flash evaporator	Australia	2011325139		2010390195	NOV Process & Flow Technologies AS	NOV Process & Flow Technologies AS	9/7/2010	11/2/2031	9/2/2030
CMC with absorption split stream	Australia	2012282625		2012282625	NOV Process & Flow Technologies AS	NOV Process & Flow Technologies AS	3/16/2012	3/16/2032	9/16/2032
HI recovery process	Australia	2012285402		2012285402	NOV Process & Flow Technologies AS	NOV Process & Flow Technologies AS	7/18/2012	7/18/2032	9/18/2032
MEG bottoms involving K/H	Australia	2012356110		2012356110	NOV Process & Flow Technologies AS	NOV Process & Flow Technologies AS	12/19/2012	12/19/2032	9/29/2033
HI removal from MEG	Australia	2013069181		2013069181	NOV Process & Flow Technologies AS	NOV Process & Flow Technologies AS	5/29/2013	5/29/2033	9/29/2033
Pipe-in-pipe	Australia	2016208499		2016208499	NOV Process & Flow Technologies AS	NOV Process & Flow Technologies AS	1/22/2016	1/22/2036	9/22/2036
SSU for separation of product water	Australia	2016277791		2016277791	NOV Process & Flow Technologies AS	NOV Process & Flow Technologies AS	6/17/2016	6/17/2036	9/17/2036
MEG Recovery System	Australia	2019365615			NOV Process & Flow Technologies AS	NOV Process & Flow Technologies AS	11/19/2019	11/19/2039	9/28/2040
Flash evaporator	Brazil	BR112013010597		BR112013010597	Aker Process Systems AS	NOV Process & Flow Technologies AS	11/2/2011	11/2/2031	9/2/2032
CMC with absorption split stream	Brazil	BR11201302461-0		BR11201302461-0	Aker Process Systems AS	NOV Process & Flow Technologies AS	3/16/2012	3/16/2032	9/16/2032
HI removal from MEG	Brazil	BR1120140299137		BR1120140299137	Front Processing AS	NOV Process & Flow Technologies AS	5/29/2013	5/29/2033	9/29/2033
TEG Super Purifier	Brazil	BR112016055452		BR112016055452	Front Processing AS	NOV Process & Flow Technologies AS	9/16/2014	9/16/2034	9/16/2034
Hadamunglassert Lager	Brazil	PI0314905-6		PI0314905-6	Kongsberg Oil & Gas Technology AS	NOV Process & Flow Technologies AS	10/27/2008	10/27/2023	9/27/2023
Pipe-in-pipe	Brazil	BR1120170158052		BR1120170158052	NOV Subsea Products AS	NOV Process & Flow Technologies AS	1/22/2016	1/22/2036	9/22/2036
SSU for separation of product water	Brazil	BR1120170271362			NOV Subsea Products AS	NOV Process & Flow Technologies AS	6/17/2016	6/17/2036	9/17/2036
SSU - Drive Pkg	Brazil	BR1020200191657			NOV Subsea Products AS	NOV Process & Flow Technologies AS	9/28/2020	9/28/2040	9/28/2040
Magnetic Pkg Position Sensor	Brazil	BR10202002005102			NOV Subsea Products AS	NOV Process & Flow Technologies AS	10/6/2020	10/6/2040	9/6/2040
Reagent/transformer/inductors (Mag. 3)	Canada	2467989		2467989	NOV Process & Flow Technologies AS	NOV Process & Flow Technologies AS	11/21/2002	11/21/2022	9/21/2022
Hadamunglassert Lager	Canada	2350236		2350236	NOV Process & Flow Technologies AS	NOV Process & Flow Technologies AS	10/27/2008	10/27/2023	9/27/2023
Pipe-in-pipe	Canada	2973422		2973422	NOV Process & Flow Technologies AS	NOV Process & Flow Technologies AS	1/27/2016	1/27/2036	9/27/2036
SSU for separation of product water	Canada	29869703			NOV Process & Flow Technologies AS	NOV Process & Flow Technologies AS	6/17/2016	6/17/2036	9/17/2036
Ceramic column	Canada	2991493			NOV Process & Flow Technologies AS	NOV Process & Flow Technologies AS	11/02/2018	11/02/2038	9/2/2038
HI removal from MEG	China	2.0138E+12		Z12013800394939	NOV Process & Flow Technologies AS	NOV Process & Flow Technologies AS	5/29/2013	5/29/2033	9/29/2033
MEG Recovery System	China	2.0109E+12			NOV Process & Flow Technologies AS	NOV Process & Flow Technologies AS	11/9/2019	11/9/2039	9/29/2039
Hadamunglassert Lager	Denmark	082529103		1554197	NOV Process & Flow Technologies AS	NOV Process & Flow Technologies AS	10/27/2008	10/27/2023	9/27/2023
TEG Super Purifier	Denmark	14773538.7		EP3046642	NOV Process & Flow Technologies AS	NOV Process & Flow Technologies AS	9/16/2014	9/16/2034	9/16/2034
Multistage CSU	Europe	18.61980.0			NOV Process & Flow Technologies AS	NOV Process & Flow Technologies AS	3/15/2018	3/15/2038	9/15/2038
Proactive Adaptive Online Scale Monitoring System	Europe	19151350.3			NOV Process & Flow Technologies AS	NOV Process & Flow Technologies AS	1/11/2019	1/11/2039	9/11/2039
GeoConnect SRU - tooling detection through data analytics	Europe	19353157.3			NOV Process & Flow Technologies AS	NOV Process & Flow Technologies AS	1/22/2019	1/22/2039	9/22/2039
Reagent/SSV and Slug Detector	Europe	19167374.3			NOV Process & Flow Technologies AS	NOV Process & Flow Technologies AS	4/8/2019	4/8/2039	9/8/2039
Magnetic Pkg Position Sensor	Europe	19206928.4			NOV Process & Flow Technologies AS	NOV Process & Flow Technologies AS	11/4/2019	11/4/2039	9/14/2039
SSU - Drive Pkg	Europe	19214214.9			NOV Process & Flow Technologies AS	NOV Process & Flow Technologies AS	12/6/2019	12/6/2039	9/6/2039
Subsea Armonia Storage	Europe	21159600.2			NOV Process & Flow Technologies AS	NOV Process & Flow Technologies AS	2/26/2021	2/26/2041	9/26/2041
Subsea Storage of a water miscible storage fluid	Europe	21170177.6			NOV Process & Flow Technologies AS	NOV Process & Flow Technologies AS	4/23/2021	4/23/2041	9/23/2041
Flare Gas Capture and Process	Europe	22159991.3			NOV Process & Flow Technologies AS	NOV Process & Flow Technologies AS	3/21/2022	3/21/2042	9/21/2042
Power supply system for collector	France	14793056.3		EP3209424	NOV Process & Flow Technologies AS	NOV Process & Flow Technologies AS	10/24/2014	10/24/2034	9/24/2034
Power supply system for collector	Germany	14793056.3		EP3209424	NOV Process & Flow Technologies AS	NOV Process & Flow Technologies AS	10/24/2014	10/24/2034	9/24/2034
Hadamunglassert Lager	Germany	087529103.9		1552197	NOV Subsea Products AS	NOV Process & Flow Technologies AS	10/27/2008	10/27/2023	9/27/2023
HI recovery process	Germany	127669719.1		EP2734277	NOV Subsea Products AS	NOV Process & Flow Technologies AS	7/18/2012	7/18/2032	9/18/2032
Power supply system for collector	Italy	14793056.3		EP3209424	NOV Process & Flow Technologies AS	NOV Process & Flow Technologies AS	10/24/2014	10/24/2034	9/24/2034
Hadamunglassert Lager	Netherlands	087529103.9		1552197	NOV Process & Flow Technologies AS	NOV Process & Flow Technologies AS	10/27/2008	10/27/2023	9/27/2023
HI recovery process	Netherlands	127669719.1		EP2734277	NOV Process & Flow Technologies AS	NOV Process & Flow Technologies AS	7/18/2012	7/18/2032	9/18/2032
Power supply system for collector	Netherlands	14793056.3		EP3209424	NOV Process & Flow Technologies AS	NOV Process & Flow Technologies AS	10/24/2014	10/24/2034	9/24/2034
Method and system for controlling power supply to collector	Netherlands	18170036.0		EP3563934	NOV Process & Flow Technologies AS	NOV Process & Flow Technologies AS	4/30/2018	4/30/2038	9/30/2038
Kompenseringsskeding	Norway	20023047		315435	National Oilwell Norway AS	NOV Process & Flow Technologies AS	6/21/2002	6/21/2022	9/21/2022
Hadamunglassert Lager	Norway	20023086		320112	NOV Process & Flow Technologies AS	NOV Process & Flow Technologies AS	10/23/2002	10/23/2022	9/23/2022
Capacitive load voltage regulation (Mag 8)	Norway	20040841		327439	NOV Process & Flow Technologies AS	NOV Process & Flow Technologies AS	2/19/2004	2/19/2024	9/19/2024
Capacitive load current limiting (Mag 9)	Norway	20040481		320040	NOV Process & Flow Technologies AS	NOV Process & Flow Technologies AS	2/19/2004	2/19/2024	9/19/2024
Variable load power supply control (Mag 10)	Norway	20040507		320108	NOV Process & Flow Technologies AS	NOV Process & Flow Technologies AS	2/19/2004	2/19/2024	9/19/2024
Heavy oil recovery process	Norway	20080208		321594	NOV Process & Flow Technologies AS	NOV Process & Flow Technologies AS	6/14/2004	6/14/2024	9/14/2024
Flare separator	Norway	20111047		330637	NOV Process & Flow Technologies AS	NOV Process & Flow Technologies AS	5/22/2009	5/22/2029	9/22/2029
CMC with absorption split stream	Norway	201310738		340453	NOV Process & Flow Technologies AS	NOV Process & Flow Technologies AS	7/20/2011	7/20/2031	9/20/2031
MEG bottoms involving K/H	Norway	20131350			NOV Process & Flow Technologies AS	NOV Process & Flow Technologies AS	11/2/2011	11/2/2031	9/2/2031
Power supply system for collector	Norway	20140804			NOV Process & Flow Technologies AS	NOV Process & Flow Technologies AS	3/16/2012	3/16/2032	9/16/2032
	Norway	201330611		338293	NOV Process & Flow Technologies AS	NOV Process & Flow Technologies AS	12/19/2012	12/19/2032	9/19/2032



Patent Title	Country/Jurisdiction	Application No.	Publication No.	Registration No.	Applicant/Proprietor	Data Source	Expiration Date
System and method for disinfecting and removing biological material from water to be injected in an underwater injection well	Australia	AU2014216810A		AU2014216810	Seabox As	Imnography	2/11/2034
System and method for disinfecting and removing biological material from water to be injected into an underwater injection well	Brazil	BR112015019191A	BR112015019191		Seabox As	Imnography	2/11/2029
Method and apparatus for separating particles from injection water	Denmark	DK06783994T		DK1929124	Seabox As	Imnography	9/11/2026
Technical system, method and uses for closing of at least one liquid treatment means into injection water to an injection well	Denmark	DK11851865T		DK2655793	Seabox As	Imnography	12/19/2031
A method and a device for destructing organic material in injection water for a subsea injection well	Europe	EP066835719A		EP1963620	Seabox As	Imnography	12/11/2026
A method and a device for destructing organic material in injection water for a subsea injection well	Germany	EP06835719A		EP1963620	Seabox As	Imnography	12/11/2026
A method and a device for destructing organic material in injection water for a subsea injection well	Denmark	EP06835719A		EP1963620	Seabox As	Imnography	12/11/2026
A method and a device for destructing organic material in injection water for a subsea injection well	France	EP06835719A		EP1963620	Seabox As	Imnography	12/11/2026
A method and a device for destructing organic material in injection water for a subsea injection well	United Kingdom	EP06835719A		EP1963620	Seabox As	Imnography	12/11/2026
A method and a device for destructing organic material in injection water for a subsea injection well	Italy	EP06835719A		EP1963620	Seabox As	Imnography	12/11/2026
A method and a device for destructing organic material in injection water for a subsea injection well	Netherlands	EP06835719A		EP1963620	Seabox As	Imnography	12/11/2026
Method and device for separation of particles from injection water	Europe	EP06783994A		EP1929124	Seabox As	Imnography	9/11/2026
Method and device for separation of particles from injection water	Denmark	EP06783994A		EP1929124	Seabox As	Imnography	9/11/2026
Method and device for separation of particles from injection water	United Kingdom	EP06783994A		EP1929124	Seabox As	Imnography	9/11/2026
Method and device for separation of particles from injection water	Netherlands	EP06783994A		EP1929124	Seabox As	Imnography	9/11/2026
Method and device for closing of chemicals into injection water	Europe	EP06783999A		EP1934429	Seabox As	Imnography	9/18/2026
Method and device for closing of chemicals into injection water	France	EP06783999A		EP1934429	Seabox As	Imnography	9/18/2026
Method and device for closing of chemicals into injection water	United Kingdom	EP06783999A		EP1934429	Seabox As	Imnography	9/18/2026
Technical system, method and use for online measuring and monitoring of the particle contents in a flow of injection water in an underwater line	Europe	EP11834681A		EP2630467	Seabox As	Imnography	10/20/2031
Technical system, method and use for online measuring and monitoring of the particle contents in a flow of injection water in an underwater line	United Kingdom	EP11834681A		EP2630467	Seabox As	Imnography	10/20/2031
Technical system, method and use for online measuring and monitoring of the particle contents in a flow of injection water in an underwater line	Norway	EP11834681A		EP2630467	Seabox As	Imnography	10/20/2031
Technical system, method and use for online measuring and monitoring of the particle contents in a flow of injection water in an underwater line	Europe	EP11851865A		EP2655793	Seabox As	Imnography	12/19/2031
Technical system, method and uses for closing of at least one liquid treatment means into injection water to an injection well	Denmark	EP11851865A		EP2655793	Seabox As	Imnography	12/19/2031
Technical system, method and uses for closing of at least one liquid treatment means into injection water to an injection well	United Kingdom	EP11851865A		EP2655793	Seabox As	Imnography	12/19/2031
Technical system, method and uses for closing of at least one liquid treatment means into injection water to an injection well	Netherlands	EP11851865A		EP2655793	Seabox As	Imnography	12/19/2031

Technical system, method and uses for closing of at least one liquid treatment means into injection water to an injection well	Norway	EP11851865A		EP2655793	Seabox AS	Imnography	12/19/2031
Technical system, method and uses for closing of at least one liquid treatment means into injection water to an injection well	Malaysia	MYP/201.3002037A		MY158969	Seabox AS	Imnography	12/19/2031
A seawater desalination system and method for providing water having a predetermined salinity and maintaining said salinity in an open water reservoir	Malaysia	MA41716A	MA41716		Seabox AS	Imnography	7/13/2036
Water Treatment Installation, Method and Use for Removal Under Water of at Least One Undesirable Component from Water	Norway	NO20101192	NO20101192		Seabox AS	Imnography	8/25/2030
Technical system, method and uses for closing of at least one liquid treatment means into injection water to an injection well	US	US13/996144		US9528350	Seabox AS	Imnography	4/9/2033
Technical system, method and use for online measuring and monitoring of the particle contents in a flow of injection water in an underwater line	US	US13/880912		US9689787	Seabox AS	Imnography	6/18/2032
System and method for disinfecting and removing biological material from water to be injected in an underwater injection well	US	US17/115542	US20210087080		Seabox AS	Imnography	2/11/2034

**EXHIBIT C**

**EXCLUDED INTELLECTUAL PROPERTY RIGHTS**

None.

## EXHIBIT D

### MEMORANDUM OF TRADEMARK ASSIGNMENT

This Trademark Assignment from:

- (a) **National Oilwell Varco Norway AS**, a Norwegian company with business registration no. 936 738 540 (“Assignor 1”);
- (b) **APL Norway AS**, a Norwegian company with business registration no. 966 058 013 (“Assignor 2”);
- (c) **NOV Process & Flow Technologies AS**, a Norwegian company with business registration no. 918 094 180 (“Assignor 3”); and
- (d) **Tuboscope Norge AS**, a Norwegian company with business registration no. 959 237 166 (“Assignor 4,” and each of Assignor 1, Assignor 2, Assignor 3, and Assignor 4, an “Assignor,” and together, “Assignors”);

to:

- (e) **NOV International Holdings C.V.**, a private company with limited liability organized and existing under the laws of the Netherlands and registered with the Trade Register of the Chamber of Commerce under number 72186399, represented by its general partner, NOV International Holdings GP LLC, a Delaware limited liability company (“Assignee”).

is effective March 26, 2022.

### RECITALS

- A. Assignors own the registered trademarks set forth in the attached **Appendix A** (the “Marks”); and
- B. Assignee desires to acquire Assignors’ right, title, and interest in and to the Marks.

### ASSIGNMENT

NOW, THEREFORE, for good and valuable consideration, the receipt of which is hereby acknowledged, Assignors irrevocably assign to Assignee all rights, title, and interest in and to the Marks, the goodwill of the business associated with the Marks, and the corresponding trademark registrations.

*[Signature page follows.]*

IN WITNESS WHEREOF, this Patent Assignment is executed as of the Effective Date.

**ASSIGNORS:**

**NATIONAL OILWELL VARCO NORWAY AS**

By: Jan Erik S. Melstveit  
Name: Jan Erik Stork Melstveit  
Title: Chairman

**APL NORWAY AS**

By: Jan Erik S. Melstveit  
Name: Jan Erik Stork Melstveit  
Title: Chairman

**NOV PROCESS & FLOW TECHNOLOGIES AS**

By: \_\_\_\_\_  
Name: Robbert Oudendijk  
Title: Chairman

**TUBOSCOPE NORGE AS**

By: \_\_\_\_\_  
Name: Trevor Brian Martin  
Title: Chairman

**ASSIGNEE:**

**NOV INTERNATIONAL HOLDINGS C.V.**

BY: NOV International Holdings GP LLC, its General Partner

By: \_\_\_\_\_  
Name: Trevor B. Martin  
Title: Sole Manager

[EXHIBIT E TO INTELLECTUAL PROPERTY ASSIGNMENT]



IN WITNESS WHEREOF, this Trademark Assignment is executed as of the Effective Date.

**ASSIGNORS:**

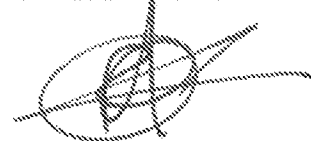
**NATIONAL OILWELL VARCO NORWAY AS**

By: \_\_\_\_\_  
Name: Jan Erik Stork Melstveit  
Title: Chairman

**APL NORWAY AS**

By: \_\_\_\_\_  
Name: Jan Erik Stork Melstveit  
Title: Chairman

**NOV PROCESS & FLOW TECHNOLOGIES AS**

By:  \_\_\_\_\_  
Name: Robbert Oudendijk  
Title: Chairman

**TUBOSCOPE NORGE AS**

By: \_\_\_\_\_  
Name: Trevor Brian Martin  
Title: Chairman

**ASSIGNEE:**

**NOV INTERNATIONAL HOLDINGS C.V.**  
BY: NOV International Holdings GP LLC, its General  
Partner

By: \_\_\_\_\_  
Name: Trevor B. Martin  
Title: Sole Manager

[EXHIBIT E TO INTELLECTUAL PROPERTY ASSIGNMENT]

**PATENT**  
**REEL: 063842 FRAME: 0589**

IN WITNESS WHEREOF, this Trademark Assignment is executed as of the Effective Date.

**ASSIGNORS:**

**NATIONAL OILWELL VARCO NORWAY AS**

By: \_\_\_\_\_  
Name: Jan Erik Stork Melstveit  
Title: Chairman


**APL NORWAY AS**

By: \_\_\_\_\_  
Name: Jan Erik Stork Melstveit  
Title: Chairman

**NOV PROCESS & FLOW TECHNOLOGIES AS**

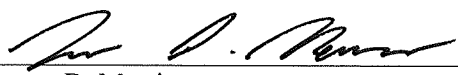
By: \_\_\_\_\_  
Name: Robbert Oudendijk  
Title: Chairman

**TUBOSCOPE NORGE AS**

By:  \_\_\_\_\_  
Name: Trevor Brian Martin  
Title: Chairman

**ASSIGNEE:**

**NOV INTERNATIONAL HOLDINGS C.V.**  
BY: NOV International Holdings GP LLC, its General  
Partner

By:  \_\_\_\_\_  
Name: Trevor B. Martin  
Title: Sole Manager

## EXHIBIT E

### MEMORANDUM OF PATENT ASSIGNMENT

This Patent Assignment from:

- (a) **National Oilwell Varco Norway AS**, a Norwegian company with business registration no. 936 738 540 (“Assignor 1”);
- (b) **APL Norway AS**, a Norwegian company with business registration no. 966 058 013 (“Assignor 2”);
- (c) **NOV Process & Flow Technologies AS**, a Norwegian company with business registration no. 918 094 180 (“Assignor 3”); and
- (d) **Tuboscope Norge AS**, a Norwegian company with business registration no. 959 237 166 (“Assignor 4,” and each of Assignor 1, Assignor 2, Assignor 3, and Assignor 4, an “Assignor,” and together, “Assignors”);

to:

- (e) **NOV International Holdings C.V.**, a private company with limited liability organized and existing under the laws of the Netherlands and registered with the Trade Register of the Chamber of Commerce under number 72186399, represented by its general partner, NOV International Holdings GP LLC, a Delaware limited liability company (“Assignee”).

is effective March 26, 2022.

### RECITALS

- A. Assignors own the patent applications and patents set forth in the attached **Appendix A** (the “Patents”); and
- B. Assignee desires to acquire Assignors’ right, title, and interest in and to the Patents.

### ASSIGNMENT

NOW, THEREFORE, for good and valuable consideration, the receipt of which is hereby acknowledged, Assignors irrevocably assign to Assignee all rights, title, and interest in and to the Patents, as well as all patents to grant therefrom and later-filed, related patent applications, including divisional, continuation, and continuation-in-part applications.

*[Signature page follows.]*

IN WITNESS WHEREOF, this Trademark Assignment is executed as of the Effective Date.

**ASSIGNORS:**

**NATIONAL OILWELL VARCO NORWAY AS**

By: Jan Erik S. Melsveit  
Name: Jan Erik Stork Melsveit  
Title: Chairman

**APL NORWAY AS**

By: Jan Erik S. Melsveit  
Name: Jan Erik Stork Melsveit  
Title: Chairman

**NOV PROCESS & FLOW TECHNOLOGIES AS**

By: \_\_\_\_\_  
Name: Robbert Oudendijk  
Title: Chairman

**TUBOSCOPE NORGE AS**

By: \_\_\_\_\_  
Name: Trevor Brian Martin  
Title: Chairman

**ASSIGNEE:**

**NOV INTERNATIONAL HOLDINGS C.V.**  
BY: NOV International Holdings GP LLC, its General  
Partner

By: \_\_\_\_\_  
Name: Trevor B. Martin  
Title: Sole Manager

[EXHIBIT E TO INTELLECTUAL PROPERTY ASSIGNMENT]

IN WITNESS WHEREOF, this Patent Assignment is executed as of the Effective Date.

**ASSIGNORS:**


**NATIONAL OILWELL VARCO NORWAY AS**

By: \_\_\_\_\_  
Name: Jan Erik Stork Melstveit  
Title: Chairman

**APL NORWAY AS**

By: \_\_\_\_\_  
Name: Jan Erik Stork Melstveit  
Title: Chairman

**NOV PROCESS & FLOW TECHNOLOGIES AS**

By:  \_\_\_\_\_  
Name: Robbert Oudendijk  
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**TUBOSCOPE NORGE AS**

By: \_\_\_\_\_  
Name: Trevor Brian Martin  
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**ASSIGNEE:**

**NOV INTERNATIONAL HOLDINGS C.V.**  
BY: NOV International Holdings GP LLC, its General  
Partner

By: \_\_\_\_\_  
Name: Trevor B. Martin  
Title: Sole Manager

[EXHIBIT E TO INTELLECTUAL PROPERTY ASSIGNMENT]

IN WITNESS WHEREOF, this Patent Assignment is executed as of the Effective Date.

**ASSIGNORS:**

**NATIONAL OILWELL VARCO NORWAY AS**

By: \_\_\_\_\_  
Name: Jan Erik Stork Melstveit  
Title: Chairman

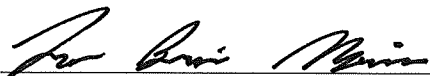
**APL NORWAY AS**

By: \_\_\_\_\_  
Name: Jan Erik Stork Melstveit  
Title: Chairman

**NOV PROCESS & FLOW TECHNOLOGIES AS**


By: \_\_\_\_\_  
Name: Robbert Oudendijk  
Title: Chairman

**TUBOSCOPE NORGE AS**

By:  \_\_\_\_\_  
Name: Trevor Brian Martin  
Title: Chairman

**ASSIGNEE:**

**NOV INTERNATIONAL HOLDINGS C.V.**  
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By:  \_\_\_\_\_  
Name: Trevor B. Martin  
Title: Sole Manager