

## TRADEMARK ASSIGNMENT COVER SHEET

Electronic Version v1.1  
Stylesheet Version v1.2

Assignment ID: TMI160262

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT		
<b>NATURE OF CONVEYANCE:</b>	Security Agreement		
<b>CONVEYING PARTY DATA</b>			
<b>Name</b>	<b>Formerly</b>	<b>Execution Date</b>	<b>Entity Type</b>
BOART LONGYEAR COMPANY		04/10/2024	Corporation: UTAH
<b>RECEIVING PARTY DATA</b>			
<b>Company Name:</b>	Ally Bank, as Collateral Agent		
<b>Street Address:</b>	300 Park Avenue, 4th Floor		
<b>Internal Address:</b>	Suite 125		
<b>City:</b>	New York		
<b>State/Country:</b>	NEW YORK		
<b>Postal Code:</b>	10022		
<b>Entity Type:</b>	State Bank: UTAH		
<b>PROPERTY NUMBERS Total: 23</b>			
<b>Property Type</b>	<b>Number</b>	<b>Word Mark</b>	
<b>Registration Number:</b>	3246980	ALPHABIT	
<b>Registration Number:</b>	3934912	BOART LONGYEAR	
<b>Registration Number:</b>	3742705	BOART LONGYEAR	
<b>Registration Number:</b>	5914495	DRIFTMASTER	
<b>Registration Number:</b>	5789649	DRIFTMASTER	
<b>Registration Number:</b>	5419579	FREEDOM	
<b>Registration Number:</b>	7317721	IMPAKT	
<b>Registration Number:</b>	3706387	LF	
<b>Registration Number:</b>	4134645	LIGHTNING ROD	
<b>Registration Number:</b>	3706388	LM	
<b>Registration Number:</b>	5743997	LONGYEAR	
<b>Registration Number:</b>	5019418	MINISONIC	
<b>Registration Number:</b>	2421665		
<b>Registration Number:</b>	3854450		
<b>Registration Number:</b>	4440127		
<b>Registration Number:</b>	924673	Q	
<b>Registration Number:</b>	3658777	QUICK DESCENT	
<b>Registration Number:</b>	2450185	RQ	

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Property Type	Number	Word Mark
Registration Number:	3793545	STAGE
Registration Number:	379848	
Registration Number:	3706384	STOPEMATE
Registration Number:	3658643	V-WALL
Registration Number:	5743998	XQ

**CORRESPONDENCE DATA**

**Fax Number:**

*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.*

**Phone:** 16142803576  
**Email:** jade.tanks@wolterskluwer.com  
**Correspondent Name:** Mrs. Jade M. Tanks  
**Address Line 1:** 4400 Easton Commons Way  
**Address Line 2:** Suite 125  
**Address Line 4:** New York, OHIO 43219

<b>NAME OF SUBMITTER:</b>	Jade Tanks
<b>SIGNATURE:</b>	Jade Tanks
<b>DATE SIGNED:</b>	04/12/2024

**Total Attachments: 31**  
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# RECORDATION FORM COVER SHEET TRADEMARKS ONLY

To the Director of the U. S. Patent and Trademark Office: Please record the attached documents or the new address(es) below.

### 1. Name of conveying party(ies):

BOART LONGYEAR COMPANY

- Individual(s)                       Association  
 Partnership                       Limited Partnership  
 Corporation- State: UTAH  
 Other \_\_\_\_\_

Citizenship (see guidelines) \_\_\_\_\_

Additional names of conveying parties attached?  Yes  No

### 3. Nature of conveyance/Execution Date(s) :

Execution Date(s) April 10, 2024

- Assignment                       Merger  
 Security Agreement                       Change of Name  
 Other \_\_\_\_\_

### 2. Name and address of receiving party(ies)

Additional names, addresses, or citizenship attached?  Yes  No

Name: Ally Bank, as Collateral Agent

Street Address: 300 Park Avenue, 4th Floor

City: New York

State: New York

Country: USA Zip: 10022

- Individual(s) Citizenship \_\_\_\_\_  
 Association Citizenship \_\_\_\_\_  
 Partnership Citizenship \_\_\_\_\_  
 Limited Partnership Citizenship \_\_\_\_\_  
 Corporation Citizenship \_\_\_\_\_  
 Other Utah State Bank Citizenship Utah

If assignee is not domiciled in the United States, a domestic representative designation is attached:  Yes  No  
(Designations must be a separate document from assignment)

### 4. Application number(s) or registration number(s) and identification or description of the Trademark.

A. Trademark Application No.(s) \_\_\_\_\_ Text \_\_\_\_\_

B. Trademark Registration No.(s) \_\_\_\_\_

See Schedule B attached hereto.

See Schedule B attached hereto.

Additional sheet(s) attached?  Yes  No

### C. Identification or Description of Trademark(s) (and Filing Date if Application or Registration Number is unknown):

### 5. Name & address of party to whom correspondence concerning document should be mailed:

Name: Jennifer Owens

Internal Address: Thompson Coburn LLP

Street Address: 488 Madison Avenue

City: New York

State: New York Zip: 10022

Phone Number: 212-478-7200

Docket Number: \_\_\_\_\_

Email Address: jowens@thompsoncoburn.com

### 6. Total number of applications and registrations involved:

23

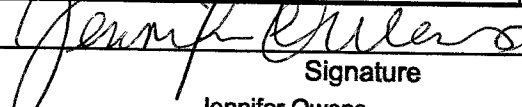
### 7. Total fee (37 CFR 2.6(b)(6) & 3.41) \$ \_\_\_\_\_

- Authorized to be charged to deposit account  
 Enclosed

### 8. Payment Information:

Deposit Account Number \_\_\_\_\_

Authorized User Name \_\_\_\_\_

9. Signature:   
Signature  
Jennifer Owens

April 10, 2024

Date

Name of Person Signing

Total number of pages including cover sheet, attachments, and document: 31

## INTELLECTUAL PROPERTY SECURITY AGREEMENT

This **INTELLECTUAL PROPERTY SECURITY AGREEMENT** (as amended, restated, amended and restated, supplemented or otherwise modified from time to time, the “IP Security Agreement”), dated as of April 10, 2024, is among the Persons listed on the signature pages hereof (collectively, the “Grantors”) and Ally Bank, as collateral agent (the “Collateral Agent”) for the Secured Parties (as defined in the Facility Agreement referred to below).

WHEREAS, A-BL HOLDCO PTY LTD (ACN 673 597 727), an Australian proprietary limited company (“Lead Borrower”), A-BL US MERGERCO INC., a Delaware corporation (“Initial U.S. Borrower”) (which on the Closing Date was merged with and into BLY US HOLDINGS INC., a Utah corporation (“BLY US”) (such merger, the “U.S. Closing Date Merger”), with BLY US surviving such U.S. Closing Date Merger as “U.S. Borrower”) (together with each other Borrower, collectively, the “Borrowers” and individually, a “Borrower”), A-BL MIDCO PTY LTD (ACN 673 597 629), an Australian proprietary limited company, have entered into the Syndicated Facility Agreement, dated as of April 10, 2024 (as amended, restated, amended and restated, supplemented or otherwise modified from time to time, the “Facility Agreement”), with each lender from time to time party thereto, each L/C Issuer from time to time party thereto and ALLY BANK, as Administrative Agent, Collateral Agent, Swingline Lender and an L/C Issuer. Capitalized terms defined in the Facility Agreement or in the Security Agreement (as defined below) and not otherwise defined herein are used herein as defined in the Facility Agreement or the Security Agreement, as the case may be (and in the event of a conflict, the applicable definition shall be the one given to such term in the Security Agreement).

WHEREAS, as a condition precedent to the making of the Loans by the Lenders from time to time and the issuance of Letters of Credit by the L/C Issuers from time to time, the entry into Secured Hedge Agreements by the Hedge Banks from time to time and the entry into Secured Cash Management Agreements by the Cash Management Banks from time to time, each Grantor has executed and delivered that certain U.S. Security Agreement, dated as of April 10, 2024 (as amended, restated, amended and restated, supplemented or otherwise modified from time to time, the “Security Agreement”), among the Grantors from time to time party thereto and the Collateral Agent.

WHEREAS, under the terms of the Security Agreement, the Grantors have granted to the Collateral Agent, for the benefit of the Secured Parties, a security interest in, among other property, certain intellectual property of the Grantors, and have agreed thereunder to execute this IP Security Agreement for recording with the applicable Filing Offices.

NOW, THEREFORE, for good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, each Grantor agrees as follows:

Section 1. Grant of Security. Each Grantor hereby collaterally assigns and pledges to the Collateral Agent (and its successors and permitted assigns), for the benefit of the Secured Parties, and each Grantor hereby grants to the Collateral Agent (and its successors and permitted assigns), for the benefit of the Secured Parties, a security interest in and to all of such Grantor’s right, title and interest in and to the following, whether now owned or existing or hereafter acquired or arising by the undersigned (the “Collateral”):

(i) all Patents, including the patents and patent applications set forth in Schedule A hereto;

(ii) all Trademarks, including the trademark and service mark registrations and applications set forth in Schedule B hereto (provided that no security interest shall be granted in United

States intent-to-use trademark applications prior to the filing of a "Statement of Use" pursuant to Section 1(d) of the Lanham Act or an "Amendment to Allege Use" pursuant to Section 1(c) of the Lanham Act with respect thereto, to the extent that, and solely during the period, if any, in which, the grant of a security interest therein or the assignment thereof would impair the validity or enforceability of any registration that issues from such intent-to-use application under applicable federal law), together with the goodwill symbolized thereby;

(iii) all Copyrights, whether registered or unregistered, including, without limitation, the copyright registrations and applications set forth in Schedule C hereto;

(iv) all Industrial Designs, whether registered or unregistered;

(v) all reissues, divisionals, continuations, continuations-in-part, extensions, renewals and reexaminations of any of the foregoing, all rights in the foregoing provided by international treaties or conventions, all rights corresponding thereto throughout the world and all other rights of any kind whatsoever of such Grantor accruing thereunder or pertaining thereto;

(vi) any and all claims for damages and injunctive relief for past, present and future infringement, dilution, misappropriation, violation, misuse or breach with respect to any of the foregoing, with the right, but not the obligation, to sue for and collect, or otherwise recover, such damages; and

(vii) any and all proceeds of, collateral for, income, royalties and other payments now or hereafter due and payable with respect to, and supporting obligations relating to, any and all of the Collateral of or arising from any of the foregoing;

provided that notwithstanding anything to the contrary contained in the foregoing clauses (i) through (vii), the security interest created hereby shall not extend to, and the term "Collateral" shall not include, nor be required to be listed on any Schedule to this IP Security Agreement, any Excluded Property.

Section 2. Security for Obligations. The grant of a security interest in, the Collateral by each Grantor under this IP Security Agreement secures the payment of all Secured Obligations of such Grantor now or hereafter existing under or in respect of the Secured Documents (as such Secured Documents may be amended, restated, amended and restated, supplemented, replaced, refinanced or otherwise modified from time to time (including any increases of the principal amount outstanding thereunder)), whether direct or indirect, absolute or contingent, and whether for principal, reimbursement obligations, interest, premiums, penalties, fees, indemnifications, contract causes of action, costs, expenses or otherwise. Without limiting the generality of the foregoing, this IP Security Agreement secures, as to each Grantor, the payment of all amounts that constitute part of the Secured Obligations that would be owed by such Grantor to any Secured Party under the Secured Documents but for the fact that they are unenforceable or not allowable due to the existence of a bankruptcy, or reorganization or similar proceeding involving a Loan Party.

Section 3. Recordation. Each Grantor authorizes and requests that the Register of Copyrights, the Commissioner for Patents and the Commissioner for Trademarks and CIPO, as applicable, record this IP Security Agreement.

Section 4. Execution in Counterparts. This IP Security Agreement may be executed in any number of counterparts, each of which when so executed shall be deemed to be an original and all of which taken together shall constitute one and the same agreement.

Section 5. Grants, Rights and Remedies. This IP Security Agreement has been entered into in conjunction with the provisions of the Security Agreement. Each Grantor does hereby acknowledge and confirm that the grant of the security interest hereunder to, and the rights and remedies of, the Collateral Agent with respect to the Collateral are more fully set forth in the Security Agreement, the terms and provisions of which are incorporated herein by reference as if fully set forth herein. In the event of any conflict between the terms of this IP Security Agreement and the terms of the Security Agreement, the terms of the Security Agreement shall govern.

Section 6. Governing Law; Jurisdiction; Etc.

**(a) THIS IP SECURITY AGREEMENT SHALL BE GOVERNED BY, AND CONSTRUED IN ACCORDANCE WITH, THE LAW OF THE STATE OF NEW YORK.**

**(b) EACH PARTY HERETO IRREVOCABLY AND UNCONDITIONALLY SUBMITS, FOR ITSELF AND ITS PROPERTY, TO THE EXCLUSIVE JURISDICTION OF THE COURTS OF THE STATE OF NEW YORK SITTING IN NEW YORK CITY IN THE BOROUGH OF MANHATTAN AND OF THE UNITED STATES DISTRICT COURT FOR THE SOUTHERN DISTRICT OF NEW YORK SITTING IN THE BOROUGH OF MANHATTAN, AND ANY APPELLATE COURT FROM ANY THEREOF, IN ANY ACTION OR PROCEEDING ARISING OUT OF OR RELATING TO THIS IP SECURITY AGREEMENT, OR FOR RECOGNITION OR ENFORCEMENT OF ANY JUDGMENT, AND EACH OF THE PARTIES HERETO IRREVOCABLY AND UNCONDITIONALLY AGREES THAT ALL CLAIMS IN RESPECT OF ANY SUCH ACTION OR PROCEEDING MAY BE HEARD AND DETERMINED IN SUCH NEW YORK STATE COURT OR, TO THE FULLEST EXTENT PERMITTED BY APPLICABLE LAW, IN SUCH FEDERAL COURT. EACH OF THE PARTIES HERETO AGREES THAT A FINAL JUDGMENT IN ANY SUCH ACTION OR PROCEEDING SHALL BE CONCLUSIVE AND MAY BE ENFORCED IN OTHER JURISDICTIONS BY SUIT ON THE JUDGMENT OR IN ANY OTHER MANNER PROVIDED BY LAW. NOTHING IN THIS IP SECURITY AGREEMENT SHALL AFFECT ANY RIGHT THAT THE COLLATERAL AGENT, ANY LENDER OR ANY L/C ISSUER MAY OTHERWISE HAVE TO BRING ANY ACTION OR PROCEEDING RELATING TO THIS IP SECURITY AGREEMENT OR THE RECOGNITION OR ENFORCEMENT OF ANY JUDGMENT AGAINST ANY LOAN PARTY OR ITS PROPERTIES IN THE COURTS OF ANY JURISDICTION.**

**(c) EACH PARTY HERETO IRREVOCABLY AND UNCONDITIONALLY WAIVES, TO THE FULLEST EXTENT PERMITTED BY APPLICABLE LAW, ANY OBJECTION THAT IT MAY NOW OR HEREAFTER HAVE TO THE LAYING OF VENUE OF ANY ACTION OR PROCEEDING ARISING OUT OF OR RELATING TO THIS IP SECURITY AGREEMENT IN ANY COURT REFERRED TO IN CLAUSE (b) OF THIS SECTION 6. EACH OF THE PARTIES HERETO HEREBY IRREVOCABLY WAIVES, TO THE FULLEST EXTENT PERMITTED BY APPLICABLE LAW, THE DEFENSE OF AN INCONVENIENT FORUM TO THE MAINTENANCE OF SUCH ACTION OR PROCEEDING IN ANY SUCH COURT.**

**(d) EACH PARTY HERETO IRREVOCABLY CONSENTS TO SERVICE OF PROCESS IN THE MANNER PROVIDED FOR NOTICES IN SECTION 10.02 OF THE FACILITY AGREEMENT. NOTHING IN THIS IP SECURITY AGREEMENT WILL AFFECT THE RIGHT OF ANY PARTY HERETO TO SERVE PROCESS IN ANY OTHER MANNER PERMITTED BY APPLICABLE LAW.**


**(e) EACH PARTY TO THIS IP SECURITY AGREEMENT HEREBY EXPRESSLY WAIVES ANY RIGHT TO TRIAL BY JURY OF ANY CLAIM, DEMAND, ACTION**

**OR CAUSE OF ACTION ARISING UNDER THIS IP SECURITY AGREEMENT OR IN ANY WAY CONNECTED WITH OR RELATED OR INCIDENTAL TO THE DEALINGS OF THE PARTIES HERETO OR ANY OF THEM WITH RESPECT TO THIS IP SECURITY AGREEMENT, OR THE TRANSACTIONS RELATED THERETO, IN EACH CASE WHETHER NOW EXISTING OR HEREAFTER ARISING, AND WHETHER FOUNDED IN CONTRACT OR TORT OR OTHERWISE; AND EACH PARTY HEREBY AGREES AND CONSENTS THAT ANY SUCH CLAIM, DEMAND, ACTION OR CAUSE OF ACTION SHALL BE DECIDED BY COURT TRIAL WITHOUT A JURY, AND THAT ANY PARTY TO THIS IP SECURITY AGREEMENT MAY FILE AN ORIGINAL COUNTERPART OR A COPY OF SECTION 10.17 OF THE FACILITY AGREEMENT WITH ANY COURT AS WRITTEN EVIDENCE OF THE CONSENT OF THE SIGNATORIES HERETO TO THE WAIVER OF THEIR RIGHT TO TRIAL BY JURY.**



IN WITNESS WHEREOF, each Grantor and the Collateral Agent have caused this IP Security Agreement to be duly executed and delivered by its officer thereunto duly authorized as of the date first written above.

**BOART LONGYEAR COMPANY**

By:   
Name: Jeffrey Olsen  
Title: President

**ALLY BANK**, as Collateral Agent

By:   
Name: Scott Nightingale  
Title: Authorized Signatory

**Schedule A to the  
Intellectual  
Property Security Agreement**

**Schedule A – Patents**

**Registered Patents:**

<b>Registered Owner</b>	<b>Title</b>	<b>Registration No.</b>
<b><i>UNITED STATES</i></b>		
BOART LONGYEAR COMPANY	Latch Body Components Having Multiple Functions, and Drilling Head Assembly Incorporating Same	8,770,322
BOART LONGYEAR COMPANY	Latch Body	D687,862
BOART LONGYEAR COMPANY	Latch Body	D687,863
BOART LONGYEAR COMPANY	Latch Body	D687,864
BOART LONGYEAR COMPANY	High Productivity Core Drilling System	8,333,255
BOART LONGYEAR COMPANY	High Productivity Core Drilling System	9,359,847
BOART LONGYEAR COMPANY	Braking Devices And Methods For Use In Drilling Operations	7967085
BOART LONGYEAR COMPANY	Core Barrel Assemblies with Braking Devices	8051925
BOART LONGYEAR COMPANY	Methods of Braking Core Barrel Assemblies	8051924
BOART LONGYEAR COMPANY	Driven Latch Mechanism	8,794,355
BOART LONGYEAR COMPANY	Driven Latch Mechanism	9,328,608
BOART LONGYEAR COMPANY	Pump-In Seal	8,770,319
BOART LONGYEAR COMPANY	Core Barrel Head Assembly with Tapered Design	D649,167
BOART LONGYEAR COMPANY	Drill Bit	D630,656

**Schedule A to the  
Intellectual  
Property Security Agreement**

<b>Registered Owner</b>	<b>Title</b>	<b>Registration No.</b>
BOART LONGYEAR COMPANY	Isolation System For Drilling Systems	8,474,547
BOART LONGYEAR COMPANY	Diamond Impregnated Bit With Aggressive Face Profile	9,051,786
BOART LONGYEAR COMPANY	Diamond Impregnated Bit With Aggressive Face Profile	9,637,980
BOART LONGYEAR COMPANY	Seal For Head Assembly	D648,836
BOART LONGYEAR COMPANY	Seal For Head Assembly	D649,228
BOART LONGYEAR COMPANY	Core Barrel Head Assembly with Axial Groove	D644,668
BOART LONGYEAR COMPANY	Core Barrel Assembly with Tapered Design	D643,859
BOART LONGYEAR COMPANY	Core Barrel Retracting Case	D664,566
BOART LONGYEAR COMPANY	Core Barrel Latch Body	D664,567
BOART LONGYEAR COMPANY	Core Barrel Latch Body with Axial Grooves	D643,443
BOART LONGYEAR COMPANY	Core Barrel Sleeve with Axial Grooves	D647,540
BOART LONGYEAR COMPANY	Impregnated Drill Bits with Integrated Reamers	8,991,524
BOART LONGYEAR COMPANY	Impregnated Drill Bits with Integrated Reamers	9,234,399
BOART LONGYEAR COMPANY	Core Lifter	D620,959
BOART LONGYEAR COMPANY	Core Drilling Tools with Retractable Lockable Driven Latch Mechanisms	8,485,280
BOART LONGYEAR COMPANY	Core Drilling Tools with Retractable Lockable Driven Latch Mechanisms	9,234,398

**Schedule A to the  
Intellectual  
Property Security Agreement**

<b>Registered Owner</b>	<b>Title</b>	<b>Registration No.</b>
BOART LONGYEAR COMPANY	Drill Bit With Axially-Tapered Waterways	8,459,381
BOART LONGYEAR COMPANY	Drill Bits With Axially-Tapered Waterways	9,903,165
BOART LONGYEAR COMPANY	Drill Bit With Tapered Waterway	D622,745
BOART LONGYEAR COMPANY	Drill String Components Resistant to Jamming	9,810,029
BOART LONGYEAR COMPANY	Drill String Components Resistant to Jamming	10,364,618
BOART LONGYEAR COMPANY	Drill String Components Resistant to Jamming	10,934,786
BOART LONGYEAR COMPANY	Clamping And Breaking Device	7997167
BOART LONGYEAR COMPANY	Spearhead	D622,741
BOART LONGYEAR COMPANY	Fiber-Containing Diamond-Impregnated Cutting Tools	7,695,542
BOART LONGYEAR COMPANY	Fiber-Containing Diamond-Impregnated Cutting Tools and Methods of Forming and Using Same	8,783,384
BOART LONGYEAR COMPANY	Fiber-Containing Diamond-Impregnated Cutting Tools and Methods of Forming and Using Same	9540883
BOART LONGYEAR COMPANY	Spearhead Base	D622,294
BOART LONGYEAR COMPANY	Core Drill Bit With Extended Crown Height	7628228
BOART LONGYEAR COMPANY	Drill Bits with Enclosed Fluid Slots and Internal Flutes	7828090
BOART LONGYEAR COMPANY	Core Drill Bits With Enclosed Fluid Slots	8051929
BOART LONGYEAR COMPANY	Drill Bits with Increased Crown Height	7874384

**Schedule A to the  
Intellectual  
Property Security Agreement**

<b>Registered Owner</b>	<b>Title</b>	<b>Registration No.</b>
BOART LONGYEAR COMPANY	Spearhead Base	D624,564
BOART LONGYEAR COMPANY	Core Drilling Tools with External Fluid Pathways	8,869,918
BOART LONGYEAR COMPANY	Core Drilling Tools with External Fluid Pathways	9,689,222
BOART LONGYEAR COMPANY	Core Lifter	10,612,308
BOART LONGYEAR COMPANY	Core Lifter	D644,673
BOART LONGYEAR COMPANY	Core Lifter	D625,346
BOART LONGYEAR COMPANY	Tube Loader	D676,877
BOART LONGYEAR COMPANY	Drill Bit With Tapered Waterway	D647,114
BOART LONGYEAR COMPANY	High Strength, High Hardness Binders and Drilling Tools Formed from Using the Same	9446503
BOART LONGYEAR COMPANY	Drill Bit Waterway	D647,115
BOART LONGYEAR COMPANY	Seal For Head Assembly	D650,052
BOART LONGYEAR COMPANY	Spearhead	D622,293
BOART LONGYEAR COMPANY	Handling & Recovery Devices for Tubular Members and Associated Methods	9546524
BOART LONGYEAR COMPANY	Handling & Recovery Devices for Tubular Members and Associated Methods	10,119,344
BOART LONGYEAR COMPANY	Handling & Recovery Devices for Tubular Members and Associated Methods	10,626,684
BOART LONGYEAR COMPANY	Drill String Components Having Multiple-Thread Joints	9,850,723

**Schedule A to the  
Intellectual  
Property Security Agreement**

<b>Registered Owner</b>	<b>Title</b>	<b>Registration No.</b>
BOART LONGYEAR COMPANY	Drill String Components Having Multiple-Thread Joints	10,557,316
BOART LONGYEAR COMPANY	Drill String Components Having Multiple-Thread Joints	10,570,676
BOART LONGYEAR COMPANY	Drill String Components Having Multiple-Thread Joints	11,898,404
BOART LONGYEAR COMPANY	Overshot Assembly and Systems and Methods of Using Same	9540897
BOART LONGYEAR COMPANY	High Productivity Drill Bits	9,784,038
BOART LONGYEAR COMPANY	Drill Rod Handling System for Moving Drill Rods to and From an Operative Position	9,593,543
BOART LONGYEAR COMPANY	Drill Rod Handling System for Moving Drill Rods to and From an Operative Position	10,047,576
BOART LONGYEAR COMPANY	Drill Bits Having Blind-Hole Flushing and System for Using Same	9,506,298
BOART LONGYEAR COMPANY	Drill Bits Having Flushing and Systems for Using Same	9,279,292
BOART LONGYEAR COMPANY	Diverter Assemblies and Systems for Forming Seals Around Pipe Elements and Methods of Using Same	10,087,699
BOART LONGYEAR COMPANY	Wireline System and Methods of Using Same	10,384,907
BOART LONGYEAR COMPANY	Wireline System and Methods of Using Same	10,919,726
BOART LONGYEAR COMPANY	Drill Rod Having Internally Projecting Portions	9,932,775
BOART LONGYEAR COMPANY	Drill Rod Having Internally Projecting Portions	10,024,117
BOART LONGYEAR COMPANY	Drill Rod Having Internally Projecting Portions	10,626,681
BOART LONGYEAR COMPANY	Drill Bits Having Flushing	10,077,609

**Schedule A to the  
Intellectual  
Property Security Agreement**

<b>Registered Owner</b>	<b>Title</b>	<b>Registration No.</b>
BOART LONGYEAR COMPANY	Drilling Tools Having Matrices With Carbide-Forming Alloys and Methods of Making and Using Same	10,702,975
BOART LONGYEAR COMPANY	Drill Rod Alignment Device and Systems of Using Same	10,280,697
BOART LONGYEAR COMPANY	Overshot Assembly and Systems and Methods of Using Same	10,626,692
BOART LONGYEAR COMPANY	Overshot Assembly and Systems and Methods of Using Same	11,268,340
BOART LONGYEAR COMPANY	Braking Devices for Drilling Operations and Systems and Methods of Using Same	10,053,973
BOART LONGYEAR COMPANY	Braking Devices for Drilling Operations and Systems and Methods of Using Same	10,633,943
BOART LONGYEAR COMPANY	Systems and Methods for Releasing a Portion of a Drilling String from a Drilling Cable	10,253,575
BOART LONGYEAR COMPANY	Systems and Methods for Releasing a Portion of a Drilling String from a Drilling Cable	10,689,919
BOART LONGYEAR COMPANY	Drill rod Clamping System and Methods of Using Same	10,066,451
BOART LONGYEAR COMPANY	Drill rod Clamping System and Methods of Using Same	10,364,620
BOART LONGYEAR COMPANY	Portion of a Control Panel Housing	D811,444
BOART LONGYEAR COMPANY	Portion of a Control Panel Housing	D811,445
BOART LONGYEAR COMPANY	Control Panel Housing	D811,446
BOART LONGYEAR COMPANY	Reverse-Circulation Drilling Assemblies and Methods of Using Same	11,162,316
BOART LONGYEAR COMPANY	Reverse-Circulation Drilling Assemblies and Methods of Using Same	11,578,552
BOART LONGYEAR COMPANY	Diamond Bodies and Tools for Gripping Drill Rods	11,213,932



**Schedule A to the  
Intellectual  
Property Security Agreement**

<b>Registered Owner</b>	<b>Title</b>	<b>Registration No.</b>
BOART LONGYEAR COMPANY	Core Tube Handling Device	10,947,793
BOART LONGYEAR COMPANY	Core Tube Handling Device	11,236,557
BOART LONGYEAR COMPANY	Drill Rod with Internal Fluid Bypass Porting	11,713,629
BOART LONGYEAR COMPANY	Drill Bit	D894,979
BOART LONGYEAR COMPANY	Drill Bit	D894,980
BOART LONGYEAR COMPANY	Drill Bit	D894,981
BOART LONGYEAR COMPANY	Underground Drill Rig and Systems and Methods of Using Same	11,873,714
<b>CANADA</b>		
BOART LONGYEAR COMPANY	Latch Body Components Having Multiple Functions and Drilling Head Assembly Incorporating Same	2,877,113
BOART LONGYEAR COMPANY	High Productivity Core Drilling System	2,679,933
BOART LONGYEAR COMPANY	Braking Devices And Methods For Use In Drilling Operations	2,720,917
BOART LONGYEAR COMPANY	Driven Latch Mechanism	2,776,923
BOART LONGYEAR COMPANY	Driven Latch Mechanism	2,876,377
BOART LONGYEAR COMPANY	Pump-In Seal	2,776,460
BOART LONGYEAR COMPANY	Isolation System For Drilling Systems	2,740,409
BOART LONGYEAR COMPANY	Diamond Impregnated Bit With Aggressive Face Profile	2,762,861

**Schedule A to the  
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<b>Registered Owner</b>	<b>Title</b>	<b>Registration No.</b>
BOART LONGYEAR COMPANY	Impregnated Drill Bits with Integrated Reamers	2,808,594
BOART LONGYEAR COMPANY	Core Drilling Tools with Retractable Lockable Driven Latch Mechanisms	2,784,532
BOART LONGYEAR COMPANY	Drill Bits With Axially-Tapered Waterways	2,784,465
BOART LONGYEAR COMPANY	Drill String Components Resistant to Jamming	2,825,533
BOART LONGYEAR COMPANY	Drill String Components Resistant to Jamming	2,925,166
BOART LONGYEAR COMPANY	Core Drill Bit with Extended Matrix Height	2,671,061
BOART LONGYEAR COMPANY	Core Drill Bit with Extended Matrix Height	2,826,590
BOART LONGYEAR COMPANY	Core Drilling Tools with External Fluid Pathways	2,784,531
BOART LONGYEAR COMPANY	Core Lifter	2,901,059
BOART LONGYEAR COMPANY	High Strength, High Hardness Binders and Drilling Tools Formed from Using the Same	2,784,916
BOART LONGYEAR COMPANY	Handling & Recovery Devices for Tubular Members and Associated Methods	2,934,910
BOART LONGYEAR COMPANY	Drill String Components Having Multiple-Thread Joints	2,884,798
BOART LONGYEAR COMPANY	Drill String Components Having Multiple-Thread Joints	2,973,262
BOART LONGYEAR COMPANY	Overshot Assembly and Systems and Methods of Using Same	2,890,851
BOART LONGYEAR COMPANY	High Productivity Drill Bits	2,914,059
BOART LONGYEAR COMPANY	Drill Rod Handling System for Moving Drill Rods to and From an Operative Position	2,934,935

**Schedule A to the  
Intellectual  
Property Security Agreement**

<b>Registered Owner</b>	<b>Title</b>	<b>Registration No.</b>
BOART LONGYEAR COMPANY	Drill Bits Having Blind-Hole Flushing and System for Using Same	2,931,286
BOART LONGYEAR COMPANY	Drill Bits Having Flushing and Systems for Using Same	2931232
BOART LONGYEAR COMPANY	Diverter Assemblies and Systems for Forming Seals Around Pipe Elements and Methods of Using Same	2,934,957
BOART LONGYEAR COMPANY	Wireline System and Methods of Using Same	2,949,424
BOART LONGYEAR COMPANY	Drill Rod Having Internally Projecting Portions	2954417
BOART LONGYEAR COMPANY	Drill Bits Having Flushing	2,946,601
BOART LONGYEAR COMPANY	Drilling Tools Having Matrices With Carbide-Forming Alloys and Methods of Making and Using Same	2973407
BOART LONGYEAR COMPANY	Overshot Assembly and Systems and Methods of Using Same	2,995,112
BOART LONGYEAR COMPANY	Braking Devices for Drilling Operations and Systems and Methods of Using Same	2999275
BOART LONGYEAR COMPANY	Systems and Methods for Releasing a Portion of a Drilling String from a Drilling Cable	3006076
BOART LONGYEAR COMPANY	Control Panel Housing	174045
BOART LONGYEAR COMPANY	Diamond Bodies and Tools for Gripping Drill Rods	3071977
BOART LONGYEAR COMPANY	Diamond Bodies and Tools for Gripping Drill Rods	3103517
BOART LONGYEAR COMPANY	Drill Bit	189529
BOART LONGYEAR COMPANY	Drill Bit	200569
BOART LONGYEAR COMPANY	Drill Bit	200570

**Schedule A to the  
Intellectual  
Property Security Agreement**

<b>Registered Owner</b>	<b>Title</b>	<b>Registration No.</b>
<b>AUSTRALIA</b>		
BOART LONGYEAR COMPANY	Latch Body with Components Having Multiple Functions and Drilling Head Assembly Incorporating Same	2012388216
BOART LONGYEAR COMPANY	High Productivity Core Drilling System	2008222974
BOART LONGYEAR COMPANY	Braking Devices And Methods For Use In Drilling Operations	2009240632
BOART LONGYEAR COMPANY	Braking Devices And Methods For Use In Drilling Operations	2011253774
BOART LONGYEAR COMPANY	Braking Devices And Methods For Use In Drilling Operations	2011253777
BOART LONGYEAR COMPANY	Braking Devices And Methods For Use In Drilling Operations	2012203543
BOART LONGYEAR COMPANY	Driven Latch Mechanism	2010303446
BOART LONGYEAR COMPANY	Driven Latch Mechanism	2014268208
BOART LONGYEAR COMPANY	Pump-In Seal	2010300526
BOART LONGYEAR COMPANY	Isolation System For Drilling Systems	2009303518
BOART LONGYEAR COMPANY	Diamond Impregnated Bit With Aggressive Face Profile	2010282270
BOART LONGYEAR COMPANY	Diamond Impregnated Bit With Aggressive Face Profile	2015202683
BOART LONGYEAR COMPANY	Drill Rod Handler	2007236557
BOART LONGYEAR COMPANY	Drill Rod Handler	2010256678
BOART LONGYEAR COMPANY	Impregnated Drill Bits with Integrated Reamers	2011302487

**Schedule A to the  
Intellectual  
Property Security Agreement**

<b>Registered Owner</b>	<b>Title</b>	<b>Registration No.</b>
BOART LONGYEAR COMPANY	Impregnated Drill Bits with Integrated Reamers	20152200315
BOART LONGYEAR COMPANY	Core Drilling Tools with Retractable Lockable Driven Latch Mechanisms	20103339878
BOART LONGYEAR COMPANY	Core Drilling Tools with Retractable Lockable Driven Latch Mechanisms	20152200373
BOART LONGYEAR COMPANY	Drill Bits With Axially-Tapered Waterways	20152203268
BOART LONGYEAR COMPANY	Drill String Components Resistant to Jamming	20122209354
BOART LONGYEAR COMPANY	Drill String Components Resistant to Jamming	2016204912
BOART LONGYEAR COMPANY	Clamping and Breaking Device	2008296490
BOART LONGYEAR COMPANY	Core Drill Bit With Extended Matrix Height	2007333850
BOART LONGYEAR COMPANY	Core Drill Bit with Extended Matrix Height	2011201711
BOART LONGYEAR COMPANY	Core Drill Bit with Extended Matrix Height	2011201710
BOART LONGYEAR COMPANY	Core Drill Bit with Extended Matrix Height	2011201709
BOART LONGYEAR COMPANY	Core Drilling Tools with External Fluid Pathways	20103339959
BOART LONGYEAR COMPANY	Core Lifter	2017203716
BOART LONGYEAR COMPANY	High Strength, High Hardness Binders and Drilling Tools Formed from Using the Same	2011379964
BOART LONGYEAR COMPANY	Handling & Recovery Devices for Tubular Members and Associated Methods	2014374101
BOART LONGYEAR COMPANY	Handling & Recovery Devices for Tubular Members and Associated Methods	2018282492

**Schedule A to the  
Intellectual  
Property Security Agreement**

<b>Registered Owner</b>	<b>Title</b>	<b>Registration No.</b>
BOART LONGYEAR COMPANY	Drill String Components Having Multiple-Thread Joints	2013315186
BOART LONGYEAR COMPANY	Drill String Components Having Multiple-Thread Joints	2017201366
BOART LONGYEAR COMPANY	Drill String Components Having Multiple-Thread Joints	2019201562
BOART LONGYEAR COMPANY	Overshot Assembly and Systems and Methods of Using Same	2013361158
BOART LONGYEAR COMPANY	High Productivity Drill Bits	2014281619
BOART LONGYEAR COMPANY	Drill Rod Handling System for Moving Drill Rods to and From an Operative Position	2014373967
BOART LONGYEAR COMPANY	Drill Rod Handling System for Moving Drill Rods to and From an Operative Position	2019200211
BOART LONGYEAR COMPANY	Drill Bits Having Blind-Hole Flushing and System for Using Same	2014352965
BOART LONGYEAR COMPANY	Drill Bits Having Flushing and Systems for Using Same	2014352879
BOART LONGYEAR COMPANY	Wireline System and Methods of Using Same	2015264242
BOART LONGYEAR COMPANY	Wireline System and Methods of Using Same	2020202327
BOART LONGYEAR COMPANY	Drill Rod Having Internally Projecting Portions	2015289455
BOART LONGYEAR COMPANY	Drill Rod Having Internally Projecting Portions	2018282299
BOART LONGYEAR COMPANY	Drill Bits Having Flushing	2016226129
BOART LONGYEAR COMPANY	Drilling Tools Having Matrices With Carbide-Forming Alloys and Methods of Making and Using Same	2016206947
BOART LONGYEAR COMPANY	Drilling Tools Having Matrices With Carbide-Forming Alloys and Methods of Making and Using Same	2020273324

**Schedule A to the  
Intellectual  
Property Security Agreement**

<b>Registered Owner</b>	<b>Title</b>	<b>Registration No.</b>
BOART LONGYEAR COMPANY	Overshot Assembly and Systems and Methods of Using Same	2016308257
BOART LONGYEAR COMPANY	Braking Devices for Drilling Operations and Systems and Methods of Using Same	2016330469
BOART LONGYEAR COMPANY	Systems and Methods for Releasing a Portion of a Drilling String from a Drilling Cable	2016372033
BOART LONGYEAR COMPANY	Systems and Methods for Releasing a Portion of a Drilling String from a Drilling Cable	2021209152
BOART LONGYEAR COMPANY	Drill rod Clamping System and Methods of Using Same	2016379380
BOART LONGYEAR COMPANY	Control Panel Housing	201712114
BOART LONGYEAR COMPANY	Reverse-Circulation Drilling Assemblies and Methods of Using Same	2018221435
BOART LONGYEAR COMPANY	Diamond Bodies and Tools for Gripping Drill Rods	2018311062
BOART LONGYEAR COMPANY	Diamond Bodies and Tools for Gripping Drill Rods	2020213298
BOART LONGYEAR COMPANY	Drill Rod with Internal Fluid Bypass Porting	2020206129
BOART LONGYEAR COMPANY	Drill Bit	201914896
BOART LONGYEAR COMPANY	Drill Bit	201914897
BOART LONGYEAR COMPANY	Drill Bit	201914898
BOART LONGYEAR COMPANY	Overshot Assembly	2021106826
BOART LONGYEAR COMPANY	Apparatuses and Methods for Use with Reverse Circulation Overshot Systems	2021106856
BOART LONGYEAR COMPANY	Drill Rods Having Stabilizers and Systems and Methods Comprising Same	2021106799

**Schedule A to the  
Intellectual  
Property Security Agreement**

<b>Registered Owner</b>	<b>Title</b>	<b>Registration No.</b>
BOART LONGYEAR COMPANY	Greaseless Core Barrel Head Assembly	2021107115
BOART LONGYEAR COMPANY	Drill Bit	202216098
BOART LONGYEAR COMPANY	Drill Bit	202216099
BOART LONGYEAR COMPANY	Drill Bit	202216100
BOART LONGYEAR COMPANY	Drill Bit	202314513
BOART LONGYEAR COMPANY	Drill Bit	202314514
BOART LONGYEAR COMPANY	Drill Bit	202314515
<b>UK</b>		
BOART LONGYEAR COMPANY	Core Barrel Head	9001846866-01
BOART LONGYEAR COMPANY	Drill Bit	9001225676-0001
BOART LONGYEAR COMPANY	Isolation System For Drilling Systems	2347096
BOART LONGYEAR COMPANY	Drill Bit With Tapered Waterway	9001216527-001
BOART LONGYEAR COMPANY	Drill Bit With Tapered Waterway	9001216527-002
BOART LONGYEAR COMPANY	Drill Bit With Tapered Waterway	9001216527-003
<b>THE NETHERLANDS</b>		
BOART LONGYEAR COMPANY	Isolation System For Drilling Systems	2347096

**Patent Applications:**



**Schedule A to the  
Intellectual  
Property Security Agreement**

<b>Applicant</b>	<b>Title</b>	<b>Application No.</b>
<b>UNITED STATES</b>		
BOART LONGYEAR COMPANY	Drill String Components Having Multiple-Thread Joints	18/405,631
BOART LONGYEAR COMPANY	High Pressure Injection Flushing Heads and Systems Including Such Flushing Heads	17/312,243
BOART LONGYEAR COMPANY	High Speed Drilling System and Methods for Using Same	17/435,091
BOART LONGYEAR COMPANY	Underground Drill Rig and Systems and Methods of Using Same	18/517,083
BOART LONGYEAR COMPANY	Overshot Assembly	18/029,324
BOART LONGYEAR COMPANY	Apparatuses and Methods for Use with Reverse Circulation Overshot Systems	18/033,977
BOART LONGYEAR COMPANY	Drill Bits Having Reinforced Face	18/270,311
BOART LONGYEAR COMPANY	Devices, Systems and Methods for Retrieving Inner Tubes (note: chg title to add: during Drill Operation)	18/276,830
BOART LONGYEAR COMPANY	Drill Rig Anchoring Devices	18/276,743
BOART LONGYEAR COMPANY	Drill Rods Having Stabilizers, and Systems and Methods Comprising Same	18/051,708
BOART LONGYEAR COMPANY	Greaseless Core Barrel Head Assembly	18/265,375
BOART LONGYEAR COMPANY	Percussive Drill Bit	18/476,462
BOART LONGYEAR COMPANY	Drill Bit	29/853,641
BOART LONGYEAR COMPANY	Drill Bit	29/869,924
BOART LONGYEAR COMPANY	Tramming System for Use with a Drill Rig	63/588,878

**Schedule A to the  
Intellectual  
Property Security Agreement**

<b>Applicant</b>	<b>Title</b>	<b>Application No.</b>
BOART LONGYEAR COMPANY	Drill Rod and Core Tube Handler Device	63/515,276
<b>CANADA</b>		
BOART LONGYEAR COMPANY	Drill Rod Alignment Device and Systems of Using Same	2,983,915
BOART LONGYEAR COMPANY	Systems and Methods for Releasing a Portion of a Drilling String from a Drilling Cable	3169711
BOART LONGYEAR COMPANY	Drill rod Clamping System and Methods of Using Same	3006082
BOART LONGYEAR COMPANY	Reverse-Circulation Drilling Assemblies and Methods of Using Same	3053533
BOART LONGYEAR COMPANY	Reverse-Circulation Drilling Assemblies and Methods of Using Same	3,228,931
BOART LONGYEAR COMPANY	Core Tube Handling Device	3,121,238
BOART LONGYEAR COMPANY	Drill Rod with Internal Fluid Bypass Porting	3,125,477
BOART LONGYEAR COMPANY	High Pressure Injection Flushing Heads and Systems Including Such Flushing Heads	3,123,830
BOART LONGYEAR COMPANY	High Speed Drilling System and Methods for Using Same	3,132,076
BOART LONGYEAR COMPANY	Underground Drill Rig and Systems and Methods of Using Same	3135423
BOART LONGYEAR COMPANY	Overshot Assembly	3,193,890
BOART LONGYEAR COMPANY	Apparatuses and Methods for Use with Reverse Circulation Overshot Systems	3,196,915
BOART LONGYEAR COMPANY	Drill Bits Having Reinforced Face	3,203,358
BOART LONGYEAR COMPANY	Devices, Systems and Methods for Retrieving Inner Tubes (note: chg title to add: during Drill Operation)	3,208,837

**Schedule A to the  
Intellectual  
Property Security Agreement**

<b>Applicant</b>	<b>Title</b>	<b>Application No.</b>
BOART LONGYEAR COMPANY	Drill Rig Anchoring Devices	3,209,926
BOART LONGYEAR COMPANY	Drill Rods Having Stabilizers, and Systems and Methods Comprising Same	3,180,596
BOART LONGYEAR COMPANY	Greaseless Core Barrel Head Assembly	3,201,674
BOART LONGYEAR COMPANY	Percussive Drill Bit	3,214,858
BOART LONGYEAR COMPANY	Drill Bit	216267
BOART LONGYEAR COMPANY	Drill Bit	222741
<b>AUSTRALIA</b>		
BOART LONGYEAR COMPANY	Reverse-Circulation Drilling Assemblies and Methods of Using Same	2023254947
BOART LONGYEAR COMPANY	Core Tube Handling Device	2019387239
BOART LONGYEAR COMPANY	High Speed Drilling System and Methods for Using Same	2020231331
BOART LONGYEAR COMPANY	Underground Drill Rig and Systems and Methods of Using Same	2020254487
BOART LONGYEAR COMPANY	Overshot Assembly	2021354164
BOART LONGYEAR COMPANY	Apparatuses and Methods for Use with Reverse Circulation Overshot Systems	2021368571
BOART LONGYEAR COMPANY	Drill Bits Having Reinforced Face	2021412889
BOART LONGYEAR COMPANY	Devices, Systems and Methods for Retrieving Inner Tubes (note: chg title to add: during Drill Operation)	2022232303
BOART LONGYEAR COMPANY	Drill Rig Anchoring Devices	2022227011

**Schedule A to the  
Intellectual  
Property Security Agreement**

<b>Applicant</b>	<b>Title</b>	<b>Application No.</b>
BOART LONGYEAR COMPANY	Drill Rods Having Stabilizers, and Systems and Methods Comprising Same	2022263484
BOART LONGYEAR COMPANY	Greaseless Core Barrel Head Assembly	2022335338
BOART LONGYEAR COMPANY	Percussive Drill Bit	2023237144
BOART LONGYEAR COMPANY	Drill Bit	202216098
BOART LONGYEAR COMPANY	Drill Bit	202216099
BOART LONGYEAR COMPANY	Drill Bit	202216100

Schedule B – Trademarks

Registered Trademarks:

Registered Owner	Trademark	Registration No.
<i>UNITED STATES</i>		
BOART LONGYEAR COMPANY	ALPHABIT & Design (1)	3246980
BOART LONGYEAR COMPANY	BOART LONGYEAR	3934912
BOART LONGYEAR COMPANY	BOART LONGYEAR	3742705
BOART LONGYEAR COMPANY	DRIFTMASTER	5914495
BOART LONGYEAR COMPANY	DRIFTMASTER	5789649
BOART LONGYEAR COMPANY	FREEDOM	5419579
BOART LONGYEAR COMPANY	Impakt	7317721
BOART LONGYEAR COMPANY	LF	3706387
BOART LONGYEAR COMPANY	LIGHTNING ROD	4134645
BOART LONGYEAR COMPANY	LM	3706388
BOART LONGYEAR COMPANY	LONGYEAR	5743997
BOART LONGYEAR COMPANY	MINISONIC	5019418
BOART LONGYEAR COMPANY	Miscellaneous Design (2) (Circular Symbol Device)	2421665
BOART LONGYEAR COMPANY	Miscellaneous Design (2) (Circular Symbol Device)	3854450
BOART LONGYEAR COMPANY	Miscellaneous Design (2) (Circular Symbol Device)	4440127
BOART LONGYEAR COMPANY	Q	924673
BOART LONGYEAR COMPANY	QUICK DESCENT	3658777
BOART LONGYEAR COMPANY	RQ	2450185
BOART LONGYEAR COMPANY	STAGE	3793545
BOART LONGYEAR COMPANY	STOPMASTER	3793848
BOART LONGYEAR COMPANY	STOPEMATE	3706384
BOART LONGYEAR COMPANY	V-WALL	3658643
BOART LONGYEAR COMPANY	XQ	5743998

**Schedule B to the  
Intellectual  
Property Security Agreement**

<b>Registered Owner</b>	<b>Trademark</b>	<b>Registration No.</b>
<b>CANADA</b>		
BOART LONGYEAR COMPANY	BOART LONGYEAR	TMA789890
BOART LONGYEAR COMPANY	BOART LONGYEAR	TMA882893
BOART LONGYEAR COMPANY	BOART LONGYEAR & Design (1) (Stylized - Double Stack)	TMA789889
BOART LONGYEAR COMPANY	BOART LONGYEAR & Design (2) (Stylized - Single Stack)	TMA789888
BOART LONGYEAR COMPANY	BOART LONGYEAR & Design (3) (Stylized - Triple Stack)	TMA797356
BOART LONGYEAR COMPANY	DELTA BASE	TMA763577
BOART LONGYEAR COMPANY	DELTA TOOLS	TMA781976
BOART LONGYEAR COMPANY	DRIFTMASTER	TMA1092350
BOART LONGYEAR COMPANY	FREEDOM	TMA1047373
BOART LONGYEAR COMPANY	HERCULES ROD MATE	TMA452135
BOART LONGYEAR COMPANY	HXQ	TMA1092352
BOART LONGYEAR COMPANY	LASEROD	TMA515024
BOART LONGYEAR COMPANY	LF	TMA766342
BOART LONGYEAR COMPANY	LIGHTNING ROD	TMA840711
BOART LONGYEAR COMPANY	LM	TMA766374
BOART LONGYEAR COMPANY	LONGYEAR	TMA110362
BOART LONGYEAR COMPANY	MASTERLINK	TMA772786
BOART LONGYEAR COMPANY	Miscellaneous Design (1) (Circular Symbol Device)	TMA181495
BOART LONGYEAR COMPANY	Miscellaneous Design (1) (two bar logo (color))	TMA744969
BOART LONGYEAR COMPANY	Miscellaneous Design (1) (two bar logo (color))	TMA797354
BOART LONGYEAR COMPANY	Miscellaneous Design (2) (Circular Symbol Device)	TMA797775
BOART LONGYEAR COMPANY	Miscellaneous Design (2) (Circular Symbol Device)	TMA882895
BOART LONGYEAR COMPANY	MKII	TMA854593
BOART LONGYEAR COMPANY	NITRO-CHUCK	TMA638572
BOART LONGYEAR COMPANY	NXQ	TMA1092956
BOART LONGYEAR COMPANY	ONE SOURCE	TMA882894

**Schedule B to the  
Intellectual  
Property Security Agreement**

<b>Registered Owner</b>	<b>Trademark</b>	<b>Registration No.</b>
BOART LONGYEAR COMPANY	<b>Q</b>	TMA191878
BOART LONGYEAR COMPANY	<b>QUICK DESCENT</b>	TMA780554
BOART LONGYEAR COMPANY	<b>QUICK PUMP IN</b>	TMA780088
BOART LONGYEAR COMPANY	<b>RQ</b>	TMA500165
BOART LONGYEAR COMPANY	<b>RST</b>	TMA882892
BOART LONGYEAR COMPANY	<b>SECAN</b>	TMA140514
BOART LONGYEAR COMPANY	<b>STAGE</b>	TMA780086
BOART LONGYEAR COMPANY	<b>STOPMASTER</b>	TMA770135
BOART LONGYEAR COMPANY	<b>STOPEMATE</b>	TMA769967
BOART LONGYEAR COMPANY	<b>ULTRAMATRIX</b>	TMA858006
BOART LONGYEAR COMPANY	<b>UMX</b>	TMA864225
BOART LONGYEAR COMPANY	<b>V-WALL</b>	TMA729388
BOART LONGYEAR COMPANY	<b>XQ</b>	TMA1099331
<b>AUSTRALIA</b>		
BOART LONGYEAR COMPANY	<b>ALPHA (Stylized) (1)</b>	1182105
BOART LONGYEAR COMPANY	<b>BOART LONGYEAR</b>	721115
BOART LONGYEAR COMPANY	<b>BOART LONGYEAR</b>	1016063
BOART LONGYEAR COMPANY	<b>BOART LONGYEAR &amp; Design (1) (Stylized - Double Stack)</b>	1022067
BOART LONGYEAR COMPANY	<b>BOART LONGYEAR &amp; Design (2) (Stylized - Single Stack)</b>	1022065
BOART LONGYEAR COMPANY	<b>BOART LONGYEAR &amp; Design (3) (Stylized - Triple Stack)</b>	1022066
BOART LONGYEAR COMPANY	<b>DELTA BASE</b>	994967
BOART LONGYEAR COMPANY	<b>DRIFTMASTER</b>	1949456
BOART LONGYEAR COMPANY	<b>FREEDOM</b>	1823593
BOART LONGYEAR COMPANY	<b>IMPAKT</b>	2334260
BOART LONGYEAR COMPANY	<b>KWL</b>	1043831
BOART LONGYEAR COMPANY	<b>LF</b>	989836
BOART LONGYEAR COMPANY	<b>LIGHTNING ROD</b>	1472162

**Schedule B to the  
Intellectual  
Property Security Agreement**

<b>Registered Owner</b>	<b>Trademark</b>	<b>Registration No.</b>
BOART LONGYEAR COMPANY	<b>LM</b>	989832
BOART LONGYEAR COMPANY	<b>LONGYEAR</b>	1205930
BOART LONGYEAR COMPANY	<b>MINISONIC</b>	1052497
BOART LONGYEAR COMPANY	Miscellaneous Design (1) (Circular Symbol Device)	233500
BOART LONGYEAR COMPANY	Miscellaneous Design (2) (Circular Symbol Device)	1552730
BOART LONGYEAR COMPANY	Miscellaneous Design (2) (Circular Symbol Device)	1016171
BOART LONGYEAR COMPANY	<b>NITRO-CHUCK</b>	989562
BOART LONGYEAR COMPANY	<b>Q</b>	885224
BOART LONGYEAR COMPANY	<b>QUICK DESCENT</b>	1229568
BOART LONGYEAR COMPANY	<b>QUICK PUMP IN</b>	1229570
BOART LONGYEAR COMPANY	<b>RQ</b>	1273965
BOART LONGYEAR COMPANY	<b>STAGE</b>	1216790
BOART LONGYEAR COMPANY	<b>STOPMASTER</b>	989831
BOART LONGYEAR COMPANY	<b>STOPMATE</b>	989835
BOART LONGYEAR COMPANY	<b>V-WALL</b>	1210817
BOART LONGYEAR COMPANY	<b>XQ</b>	1949457
<b>UK</b>		
BOART LONGYEAR COMPANY	<b>BOART LONGYEAR</b>	UK00002061101
BOART LONGYEAR COMPANY	<b>BOART LONGYEAR</b>	UK00908436875
BOART LONGYEAR COMPANY	<b>BOART LONGYEAR</b>	UK00901211044
BOART LONGYEAR COMPANY	<b>DELTA TOOLS</b>	UK00908171423
BOART LONGYEAR COMPANY	<b>LF</b>	UK00907488885
BOART LONGYEAR COMPANY	Miscellaneous Design (1) (Circular Symbol Device)	UK00000949900
BOART LONGYEAR COMPANY	Miscellaneous Design (1) (Circular Symbol Device)	UK00903507142
BOART LONGYEAR COMPANY	Miscellaneous Design (2) (Circular Symbol Device)	UK00908437477
BOART LONGYEAR COMPANY	<b>Q</b>	UK00800885224



**Trademark Applications:**

<b>Registered Owner</b>	<b>Trademark</b>	<b>Registration No.</b>
<i>CANADA</i> BOART LONGYEAR COMPANY	IMPAKT	2239202

None.

**Schedule C – Copyrights**

**Schedule C to the  
Intellectual  
Property Security Agreement**

Schedule C