

PATENT ASSIGNMENT

Electronic Version v1.1

Stylesheet Version v1.1

SUBMISSION TYPE:	CORRECTIVE ASSIGNMENT										
NATURE OF CONVEYANCE:	Corrective Assignment to correct the state of incorporation of the assignee to be Delaware, instead of Utah, as incorrectly listed on the assignment previously recorded on Reel 023287 Frame 0171. Assignor(s) hereby confirms the state of incorporation of the assignee, Longyear TM, Inc., is Delaware.										
CONVEYING PARTY DATA											
<table border="1"><thead><tr><th>Name</th><th>Execution Date</th></tr></thead><tbody><tr><td>K. Shayne Drivdahl</td><td>03/09/2007</td></tr><tr><td>Michael D. Rupp</td><td>03/09/2007</td></tr></tbody></table>		Name	Execution Date	K. Shayne Drivdahl	03/09/2007	Michael D. Rupp	03/09/2007				
Name	Execution Date										
K. Shayne Drivdahl	03/09/2007										
Michael D. Rupp	03/09/2007										
RECEIVING PARTY DATA											
<table border="1"><tr><td>Name:</td><td>Longyear TM, Inc.</td></tr><tr><td>Street Address:</td><td>2640 West 1700 South</td></tr><tr><td>City:</td><td>Salt Lake City</td></tr><tr><td>State/Country:</td><td>UTAH</td></tr><tr><td>Postal Code:</td><td>84104</td></tr></table>		Name:	Longyear TM, Inc.	Street Address:	2640 West 1700 South	City:	Salt Lake City	State/Country:	UTAH	Postal Code:	84104
Name:	Longyear TM, Inc.										
Street Address:	2640 West 1700 South										
City:	Salt Lake City										
State/Country:	UTAH										
Postal Code:	84104										
PROPERTY NUMBERS Total: 1											
<table border="1"><thead><tr><th>Property Type</th><th>Number</th></tr></thead><tbody><tr><td>Application Number:</td><td>12567477</td></tr></tbody></table>		Property Type	Number	Application Number:	12567477						
Property Type	Number										
Application Number:	12567477										
CORRESPONDENCE DATA											
Fax Number: (801)328-1707 <i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i> Phone: 801-533-9800 Email: knakagama@wnlaw.com Correspondent Name: Workman Nydegger Address Line 1: 1000 Eagle Gate Tower Address Line 2: 60 E. South Temple Address Line 4: Salt Lake City, UTAH 84111											
ATTORNEY DOCKET NUMBER:	17443.32.3										
NAME OF SUBMITTER:	Ryan E. Keller										

OP \$40.00 12567477

501286991

PATENT
REEL: 024968 FRAME: 0655

Total Attachments: 3

source=17443-32_Corrected-Assignment#page1.tif

source=17443-32_Corrected-Assignment#page2.tif

source=17443-32-3_Original-Recordation-Coversheet#page1.tif

TO:WORKMAN NYDEGGER 1000 EAGLE GATE TOWER COMPANY:60 EAST SOUTH TEMPLE

PATENT ASSIGNMENT

Electronic Version v1.1
 Stylesheet Version v1.1

09/25/2009
 500972859

SUBMISSION TYPE:	NEW ASSIGNMENT										
NATURE OF CONVEYANCE:	ASSIGNMENT										
CONVEYING PARTY DATA											
<table border="1"> <thead> <tr> <th>Name</th> <th>Execution Date</th> </tr> </thead> <tbody> <tr> <td>K. Shayne Drivdahl</td> <td>03/09/2007</td> </tr> <tr> <td>Michael D. Rupp</td> <td>03/09/2007</td> </tr> </tbody> </table>		Name	Execution Date	K. Shayne Drivdahl	03/09/2007	Michael D. Rupp	03/09/2007				
Name	Execution Date										
K. Shayne Drivdahl	03/09/2007										
Michael D. Rupp	03/09/2007										
RECEIVING PARTY DATA											
<table border="1"> <tr> <td>Name:</td> <td>Longyear TM, Inc.</td> </tr> <tr> <td>Street Address:</td> <td>2640 West 1700 South</td> </tr> <tr> <td>City:</td> <td>Salt Lake City</td> </tr> <tr> <td>State/Country:</td> <td>UTAH</td> </tr> <tr> <td>Postal Code:</td> <td>84104</td> </tr> </table>		Name:	Longyear TM, Inc.	Street Address:	2640 West 1700 South	City:	Salt Lake City	State/Country:	UTAH	Postal Code:	84104
Name:	Longyear TM, Inc.										
Street Address:	2640 West 1700 South										
City:	Salt Lake City										
State/Country:	UTAH										
Postal Code:	84104										
PROPERTY NUMBERS Total: 1											
<table border="1"> <thead> <tr> <th>Property Type</th> <th>Number</th> </tr> </thead> <tbody> <tr> <td>Application Number:</td> <td>12567477</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	12567477						
Property Type	Number										
Application Number:	12567477										
CORRESPONDENCE DATA											
<p>Fax Number: (801)328-1707 <i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i></p> <p>Phone: 801-533-9800 Email: Docketing@wnlaw.com Correspondent Name: Workman Nydegger 1000 Eagle Gate Tower Address Line 1: 60 East South Temple Address Line 4: Salt Lake City, UTAH 84111</p>											
ATTORNEY DOCKET NUMBER:	17443.32.3										
NAME OF SUBMITTER:	Ryan E. Keller										
<p>Total Attachments: 2 source=17443-32-3-Parent-Assignment#page1.tif source=17443-32-3-Parent-Assignment#page2.tif</p>											

OP \$40.00 12567477

ASSIGNMENT

FOR GOOD AND VALUABLE CONSIDERATION, the receipt, sufficiency and adequacy of which are hereby acknowledged, each undersigned ASSIGNOR:

- MDX Sept 09, 2010 KSD 9/9/10*
1. SELLS, ASSIGNS, AND TRANSFERS to Longyear TM, Inc. ("ASSIGNEE"), a company of the State of ~~Delaware~~ ^{Delaware}, having a principal place of business at 2640 West 1700 South, Salt Lake City, UT 84104, the entire right, title and interest for the United States to any and all improvements which are disclosed in the Application for United States Patent Application identified by Serial Number 11/610,680 and filed on December 14, 2006, and is entitled "Core Drill Bit with Extended Crown Height", such application and all divisional, continuing, substitute, renewal, reissue and all other applications for patent or the legal equivalent thereof which have been or may be filed in the United States relating to any of such improvements; all original, reexamined and reissued patents which have been or shall be issued in the United States on such improvements;
 2. AUTHORIZES the ASSIGNEE to apply for and receive any and all United States patents relating to such improvements in its own name;
 3. AUTHORIZES AND REQUESTS the issuing authority to issue any and all United States patents granted on such improvements to and in the name of the ASSIGNEE;
 4. WARRANTS AND COVENANTS that no assignment, grant, mortgage, license or other agreement or encumbrance affecting the rights and property herein conveyed has been or will be made or entered into by the undersigned, and that the full right to convey the same as herein expressed is possessed by the undersigned;
 5. COVENANTS, when requested and at the expense of the ASSIGNEE, to carry out in good faith the intent and purpose of this assignment, to execute all divisional, continuing, substitute, renewal, reissue, and all other patent applications relating to any and all such improvements; to execute all rightful oaths, declarations, assignments, powers of attorney and other papers; to communicate to the ASSIGNEE all facts and provide to the ASSIGNEE all documents and things known and accessible to the undersigned relating to such improvements and the history thereof, and testify as to the same in any interference, litigation or other legal proceeding relating thereto; and generally to do everything possible which the ASSIGNEE shall consider desirable for vesting title to such improvements in the ASSIGNEE, and to secure, maintain, defend and enforce valid and enforceable patent protection for such improvements; and
 6. AGREES and ACKNOWLEDGES that the SALE, ASSIGNMENT AND TRANSFER of rights and property set forth herein is and shall be IRREVOCABLE and BINDING upon the heirs, assigns, representatives and successors of each undersigned ASSIGNOR and EXTEND to the successors, assigns and nominees of the ASSIGNEE.

1/29/2007

ASSIGNORS:

KSD [Signature]
[K. Shayne Drivdahl]

Date 3/9/07

STATE OF UTAH)

COUNTY OF SALT LAKE)

BEFORE ME, the undersigned authority, on this 9th day of March, 2007, personally appeared K. Shayne Drivdahl, personally known or proven by satisfactory documentary evidence to me to be the person whose name is subscribed to the foregoing instrument and acknowledged to me that he executed the same of his own free will for the purposes and consideration therein expressed.



Nancy B. Allen
Notary Public

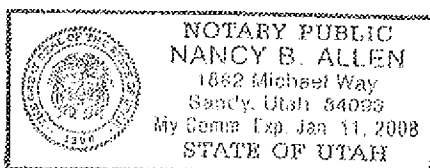
Michael D. Rupp
[Michael D. Rupp]

Date 3-9-07

STATE OF UTAH)

COUNTY OF SALT LAKE)

BEFORE ME, the undersigned authority, on this 9th day of March, 2007, personally appeared Michael D. Rupp, personally known or proven by satisfactory documentary evidence to me to be the person whose name is subscribed to the foregoing instrument and acknowledged to me that he executed the same of his own free will for the purposes and consideration therein expressed.



Nancy B. Allen
Notary Public