

**PATENT ASSIGNMENT**

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
Name	Execution Date
Christopher L. Drenth	12/15/2010
<b>RECEIVING PARTY DATA</b>	
Name:	Longyear TM, Inc.
Street Address:	10808 South River Front Parkway
Internal Address:	Suite 600
City:	South Jordan
State/Country:	UTAH
Postal Code:	84095
<b>PROPERTY NUMBERS Total: 1</b>	
Property Type	Number
Application Number:	29383561
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ATTORNEY DOCKET NUMBER:	17443.489
NAME OF SUBMITTER:	Ryan E. Keller
Total Attachments: 2 source=17443-489_Parent-Assignment#page1.tif source=17443-489_Parent-Assignment#page2.tif	

OP \$40.00 29383561

WHEN RECORDED RETURN TO:

PATENT APPLICATION  
Docket No: 17443.473

Workman Nydegger  
1000 Eagle Gate Tower  
60 East South Temple  
Salt Lake City, Utah 84111

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ASSIGNMENT

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I, the undersigned, hereinafter referred to as "Assignor", have made an invention entitled CORE DRILLING TOOLS WITH EXTERNAL FLUID PATHWAYS. Preferred embodiments of said invention are disclosed in a United States patent application which:

is executed concurrently herewith for filing in the United States Patent and Trademark Office and has been assigned Application Serial No 12/968,994, with a filing date of December 15, 2010.

was previously filed in the United States Patent and Trademark Office on \_\_\_\_\_ as Provisional Patent Application Serial No. \_\_\_\_\_.

(The attorneys of Workman Nydegger are hereby authorized to insert the serial number and filing date when known.)

The Assignee, Longyear TM, Inc. a corporation of the state of Delaware, having a principal place of business at 10808 South River Front Parkway, Suite 600, South Jordan, Utah 84095, desires to secure the entire right, title and interest in said invention and the patent application filed thereon.

In consideration of One Dollar (\$1.00) and other good and valuable consideration paid to Assignor by the Assignee, the receipt and sufficiency of which is hereby acknowledged, ASSIGNOR HEREBY ASSIGNS TO THE ASSIGNEE:

The entire right, title and interest in the above-identified U.S. patent application and in said invention of the above-identified U.S. patent application and in all divisions, continuations and continuations-in-part of said patent application, or reissues or extensions of Letters Patent or Patents granted thereon, and in all corresponding patent applications which may be filed in countries foreign to the United States, and in all patents issuing thereon in the United States and foreign countries to be held and enjoyed by ASSIGNEE and its successors and assigns for their use and benefit and of their successors and assigns as fully and entirely as the same would have been held and enjoyed by ASSIGNOR had this assignment, transfer, and sale not been made; and

The right to file foreign patent applications on said invention in its own name, wherever such right may be legally exercised, including the right to claim the benefits of the International Convention for such applications.

Assignor hereby authorizes and requests the United States Commissioner for Patents, and such Patent Office officials in foreign countries as are duly authorized by their patent laws to issue patents, to issue any and all patents on said invention to the Assignee as the owner of the entire interest, for the sole use and behoof of the said Assignee, its successors, assigns and legal representatives.

Assignor hereby agrees, without further consideration and without expense to Assignee, to sign all lawful papers and to perform all other lawful acts which the Assignee may request of Assignor to make this Assignment fully effective, including, by way of example but not of limitation, the following:

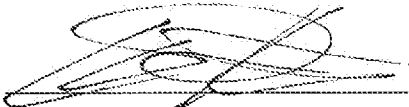
Prompt execution of all original, divisional, substitute, reissue, and other United States and foreign patent applications on said invention, and all lawful documents requested by the Assignee to further the prosecution of any of such patent applications.

Cooperation to the best of the Assignor's ability in the execution of all lawful documents, the production of evidence, nullification, reissue, extension, or infringement proceedings involving said invention.

This assignment and agreement shall be binding upon Assignor's heirs and legal representatives.

**Inventor 1**

Christopher                      L.                      Drenth  
(GIVEN NAME)                      (MIDDLE INITIAL OR NAME)                      FAMILY (OR LAST NAME)

Inventor's signature  Date Dec. 15, 2010