61.99

ASSIGNMENT RECORDATION COVER SHEET

To: Honorable Commissioner of Patents and Trademarks:

Please record the attached original document.

- 1. Names of conveying parties
 - a) Guenter W. Brune
 - b) John E. Mercer
 - c) Shiu S. Ng
- 2. Name and address of receiving party:



- a) Name: Digital Control Incorporated Address: 425 S. W. 41st Street Renton, Washington 98005
- 3. Nature of conveyance
 - <u>X</u> Assignment

4. This document is being filed together with a new application, the execution date of the application is: May 27, 1999 for Guenter W. Brune and Shiu S. Ng, and May 26, 1999 for John E. Mercer. The title of the new application is:

SKIN DEPTH COMPENSATION IN UNDERGROUND BORING APPLICATIONS

5. Please send all correspondence concerning this document to: Customer Number 21833

Jay R Beyer Boulder Patent Services, Inc. 1021 Gapter Road Boulder, Colorado 80303 Tel. No.: (303) 499-3859 Fax No.: (303) 499-8516

6. Total number of applications and patents involved: 1

(9323722)

7. Total fee (37 CFR 3.41): **<u>\$40.00</u>** (Enclosed)

8. To the best of my knowledge and belief, the foregoing information is true and correct and any 6/14/1999 BALEXAND COPY is a true copy of the original document. 40.00 OP

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Date:

June 1, 1999

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Jay R Beyer Reg. No. 39,907 Att. Docket No. **DCI-P017**

PATENT REEL: 010020 FRAME: 0120



<u>ASSIGNMENT</u>

(Accompanying the Application)

In consideration of good and valuable consideration, the receipt of which is hereby acknowledged the undersigned, Guenter W. Brune, John E. Mercer, and Shiu S. Ng

(1) hereby sell, assign, and transfer to **Digital Control, Inc.**, a **Washington** corporation having a place of business at **425 S. W. 41st Street, Renton, Washington 98005**, ("Assignee"), and its successors, assigns, and legal representatives, the entire right, title, and interest for the United States and all foreign countries, in and to any and all improvements that are disclosed in the application for the United States patent that has been executed by the undersigned prior hereto or concurrently herewith on the dates indicated below and that is entitled **SKIN DEPTH COMPENSATION IN UNDERGROUND BORING APPLICATIONS** and in and to said applications that have been or shall be filed in the United States and all other patent applications that have been or shall be filed in the United States and all foreign countries on said improvements; and in and to all original and reissued patents that have been or shall be issued in the United States and all foreign countries on said improvements; and in and to all original and reissued patents that have been or shall be issued in the United States and all foreign countries on said improvements; and in and to all original more patents that have been or shall be issued in the United States and all foreign countries on said improvements; and in and to all original more patents that have been or shall be issued in the United States and all foreign countries on said improvements; and in and to all original more patents that have been or shall be issued in the United States and all foreign countries on said improvements; and in and to all rights of priority resulting from the filing of said United States application;

(2) agree that said Assignee may apply for and receive a patent or patents for said improvements in its own name; and that, when requested, without charge to, but at the expense of, said Assignee, its successors, assigns, and legal representatives, to carry out in good faith the intent and purpose of this Assignment, the undersigned will execute all divisional, continuing, substitute, renewal, reissue, and all other patent applications on any and all said improvements; execute all rightful oaths, assignments, powers of attorney, and other papers; communicate to said Assignee, its successors, assigns, and representatives all facts known to the undersigned relating to said improvements and the history thereof; and generally assist said Assignee, its successors, assigns, or representatives in securing and maintaining proper patent protection for said improvements and for vesting title to said improvements, and all applications for patents and all patents on said improvements, in said Assignee, its successors, assigns, and legal representatives; and

(3) covenant with said Assignee, its successors, assigns, and legal representatives that no assignment, grant, mortgage, license, or other agreement affecting the rights and property herein conveyed has been made to others by the undersigned, and that full right to convey the same as herein expressed is possessed by the undersigned.

Each Inventor: Please Sign	and Date Below:	Each Inventor: Please also list the date that you signed the accompanying DECLARATION AND POWER OF ATTORNEY:
5/27, 1999	<u>Gunter W. Brune</u> Name: Guenter W. Brune	<u>5/27</u> , 1999
Date	Name: Guenier W. Brune <u>John E. Mercer</u> Name: John E. Mercer	
<u>5/27</u> , 19 <u>99</u> Date	Name: Shiu S. Ng	$\frac{5/27}{\text{Date}}$, 1999
	Assignment Document Return Address Boulder Patent Services 1021 Gapter Road Boulder, Colorado 80303 (303) 499-3859	<u>s</u> :
State of: <u>WASHINCTO</u> County of: <u>KING</u>		
County of: KING	} SS.	
Notary's Signature State of: WASHINGTON		CARY 28
County of: <u>KING</u>	} SS.	
the undersigned Notary Publi	Y 1999, before me, MILHAEL A. ic, personally appeared John E. Mercer [X] satisfactory evidence to be the person(s) whose wwwledged that he executed it. cial seal. main form SS.] personally knowstitistene []
On this 27th day of <u>Ma</u> the undersigned Notary Publi me on the basis of satisfactor instrument, and acknowledge WITNESS my hand and offic Mana Mana Notary's Signature	cial seal	ANDREU CHRM onally known to me AND Provide to is subscribed to the within
Assignment/Att. Doc. DCI-P017	Page 2	***************
		PATENT

RECORDED: 06/01/1999

PATENT REEL: 010020 FRAME: 0122