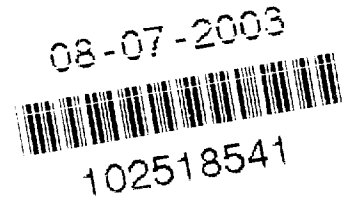


04

**ASSIGNMENT RECORDATION COVER SHEET**

To: Honorable Commissioner of Patents and Trademarks:

Please record the attached original document. **8.4.03**



1. Names of conveying parties

a) **Digital Control Inc.**  
**425 S W 41<sup>st</sup> Street**  
**Renton, Washington 98055**

2. Name and address of receiving party:

a) Name: **Merlin Technology, Inc.**  
Address: **425 S W 41<sup>st</sup> Street**  
**Renton, Washington 98055**

3. Nature of conveyance

X Assignment. The execution date of the Assignment is **May 1, 2003**.

4. The assignment applies to U.S Patent application serial number **10/341,922** filed **1/13/2003**. The title of the application is:

**BORING TOOL TRACKING FUNDAMENTALLY BASED ON DRILL STRING LENGTH, PITCH AND ROLL**

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**

7. Total fee (37 CFR 3.41): **\$40.00**. Please charge my Deposit Account No. **19-1685 (Order Number DCI-25)** the amount of **\$ 40.00**. (A duplicate of this sheet is included for fee processing purposes.)

8. To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.

Date: August 1, 2003

Jay R Beyer  
Reg. No. 39,907  
Att. Docket No. **DCI-25**

**08/06/2003 ECOOPER 00000322 191685 10341922**  
**01 FC:0021 40.00 DA**

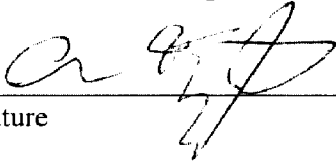
ASSIGNMENT

For good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, **Digital Control Incorporated**, a **Washington** corporation ("Assignor"), owner of the entire right, title, and interest in U.S. Patent Application No. 10/341,922, hereby sells, assigns, transfers and conveys to **Merlin Technology Inc.**, a **Washington** corporation having a place of business at **425 S. W. 41st Street, Renton, Washington 98055** ("Assignee"), its designees, successors, assigns and legal representatives, the entire right, title and interest in the Patent Application, and all divisions, continuations, reissues and reexaminations thereof, the invention claimed therein, and all rights to claim priority from the Patent Application and all applications for patent that may be filed for the invention in any foreign country and all patents that may be granted on the invention in any foreign country, and all extensions, renewals, and reissues thereof, each and every of the foregoing rights, titles and interests herein assigned to be held and enjoyed by Assignee, its successors, assigns and legal representatives, as fully and entirely as the same would have been held and enjoyed by Assignor had this Assignment not been made.

IN TESTIMONY WHEREOF, Assignor has caused this Assignment to be duly executed in its name and behalf by affixing its hand and seal thereto by its designated officer, director, or agent, whose name and title appear below.

Executed at **425 S. W. 41st Street, Renton, Washington** this 1<sup>st</sup> day of May, 2003.

**Digital Control Incorporated**



Signature

Name: Aaron Keyt

Title: General Counsel and Assistant Secretary

State of Washington )  
 ) ss.  
County of King )

On this 1<sup>st</sup> day of May, in the year **2003**, before me, Sherrilyn Pries, personally appeared Aaron Keyt, personally known to me (or proved to me on the basis of satisfactory evidence) to be the person whose name is subscribed to the within instrument, and acknowledged to me that he/she executed the same in his/her authorized capacity(ies), and that by his/her signature on the instrument the person, or the entity upon behalf of which the person acted, executed the instrument.

WITNESS my hand and official seal.

Notary Signature Sherrilyn Pries