	2000
FORM PTO-1595	U.S. Department of Commerce ET Patent and Trademark Office
To the Honorable Commissioner of Paterns and 1012661	63 .ttached original documents or copy thereof.
1. Name of conveying party(ies):	2. Name and Address of receiving party(ies):
Steven W. Wentworth Robert F. Crane	Name: Earth Tool Company, LLC
	Address: 1300 Capital Drive
	City: Oconomowoc
	State: Wisconsin Zip: 53066
	Additional name(s) & address(es) attached? Yes _X_ No
3. Nature of Conveyance:	
XAssignmentMerger	
Security Agreement Change of Name	
Other	
Execution Date: January 27, 2000	96 <b>3</b>
4. Application number(s) or patent number(s).	
_X This document is being filed together with a new application	
Execution date of the application: January 27, 2000	09/493641
Title: BIT FOR DIRECTIONAL DRILLING	
A. Patent Application No.(s)	B. Patent No.(s)
Additional numbers attached? YesX No	Additional numbers attached? YesX No
<ol> <li>Name and address of party to whom correspondence concerning document should be mailed:</li> </ol>	6. Number of applications and patents involved:(1)
Name: Philip G. Meyers Gardere & Wynne, L.L.P.	7. Amount of fee enclosed or authorized to be charged: \$40
Address: 1601 Elm Street, Suite 3000	
City: Dallas	<ol> <li>Deposit Account No: 07-0153(Attach duplicate copy if paying by deposit account) This form is submitted in</li> </ol>
State: Texas Zip: 75201-4761	triplicate.
DO NOT L	JSE THIS SPACE
D         DALEXAND         00000028         09493641         000000000000000000000000000000000000	
40.00 UP	tion is true and correct and any attached copy is a true copy of the
January 28, 2000	Welling & gling 1m
Date Total Number of Pages Including Cov	Philip G. Meyers, Reg. No. 30,478 <sup>L/</sup> /er Sheet, Attachments and Document: <u>4</u>

## ASSIGNMENT

WHEREAS, I, Steven W. Wentworth, a citizen of the United States of America and a resident of Waukesha County, Wisconsin, and I, Robert F. Crane, a citizen of the United States of America and a resident of Waukesha County, Wisconsin have invented certain new and useful improvements in a "DRILL BIT FOR DIRECTIONAL DRILLING" for which we are about to make application for United States Letters Patent, the said application having been executed on even date herewith; and

WHEREAS, Earth Tool Company, LLC, a limited liability corporation of the State of Wisconsin, having offices at 1300 Capital Drive, Oconomowoc, Wisconsin 53066 (hereinafter referred to as "ASSIGNEE"), desires to acquire our entire right, title and interest in and to the invention, and in and to the said application and any Letters Patent that may issue thereon;

NOW, THEREFORE, for good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, we do hereby sell, assign and transfer unto said ASSIGNEE, its successors, assigns and legal representatives, the full and exclusive right, title and interest in and to said invention and in and to said application and all patents which may be granted therefor, and provisional and an application converted from a provisional, and all divisions, reissues, substitutions, continuations, continuations-in-part and extensions thereof; and we hereby authorize and request the Commissioner of Patents and Trademarks to issue all patents for said invention, or patents resulting therefrom, insofar as our interest is concerned, to the said ASSIGNEE of our entire right, title and interest.

We also hereby sell and assign to said ASSIGNEE, its successors, assigns and legal representatives the full and exclusive rights, title and interest to the invention disclosed in said application throughout the world, including the right to file applications and obtain patents, utility models, industrial models and designs for said invention in its own name throughout the world including all rights of priority, all rights to publish cautionary notices reserving ownership of said invention and all rights to register said invention in appropriate registries; and we further agree to execute any and all powers of attorney, applications, assignments, declarations, affidavits, and any other papers in connection therewith necessary to perfect such rights, title and interest in ASSIGNEE, its successors, assigns and legal representatives.

We hereby further agree that we will communicate to said ASSIGNEE, or to its successors, assigns and legal representatives, any facts known to me respecting any improvements; and, at the expense of said ASSIGNEE, to testify in any legal proceedings, sign all lawful papers, execute all divisional, continuation, continuation-in-part, reissue and substitute applications, make all lawful oaths, and generally do everything possible to vest title

Page 1

PATENT REEL: 010536 FRAME: 0050 in said ASSIGNEE and to aid said ASSIGNEE, its successors, assigns and legal representatives to obtain and enforce proper protection for said invention in all countries.

	IN WITNESS WHEREOF, I have hereunto set my hand this 27 day of	JANUARY	,
2000.		/	
	Sten W Wentwon	d	

Steven W. Wentworth

STATE OF WISCONSIN

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COUNTY OF WAUKESHA

On this <u>2</u> day of <u>family</u>, 2000, before me, a Notary Public in and for the State and County aforesaid, personally appeared Steven W. Wentworth, known by me to be the person of the above name, who signed and sealed the foregoing instrument, and acknowledged the same to be his own free act and deed.



chraben. Notary Public

Notary Public My Commission Expires <u>4/29/200</u>3

IN WITNESS WHEREOF, I have hereunto set my hand this 27 day of JAN.

§ §

Robert F. Crane

STATE OF WISCONSIN

COUNTY OF WAUKESHA

On this <u>22</u> day of <u>Januar</u>, 2000, before me, a Notary Public in and for the State and County aforesaid, personally appeared Robert F. Crane, known by me to be the person of the above name, who signed and sealed the foregoing instrument, and acknowledged the same to be his own free act and deed.

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Page 2

PATENT REEL: 010536 FRAME: 0051



Notary Public My Commission Expires  $\frac{2}{25/200}$  3

**RECORDED: 01/28/2000**