FORM PTO-1595 APR 2 1 2003 E

04-24-2003



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U.S. Department of Commerce Patent and Trademark Office

	,7200,
To the Honorable Commissioner of Patents and Trademarks. Ple	ease record the attached original documents or copy thereof.
Name of conveying party(ies):	2. Name and Address of receiving party(ies):
Steven W. Wentworth Robert F. Crane Mark D. Randa  4.21. a3	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:	
X Assignment Merger	
Security Agreement Change of Name	
Other	
Execution Date: February 27, 2003	
4. Application number(s) or patent number(s).	
This document is being filed together with a new application.	
Execution date of the application: February 17, 2003	
Title: METHOD AND APPARATUS FOR ON-GRADE BORING	
A. Patent Application No.(s) 10/327,601, filed December 20, 2002	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: Edward Jorgenson Philip G. Meyers Law Office	7. Amount of fee enclosed or authorized to be charged: \$40
Address: 1009 Long Prairie Road, Suite 302	
City: Flower Mound	Deposit Account No: 50-1588 (Attach duplicate copy if paying by deposit account) This form is submitted in
State: Texas Zip: 75022	duplicate.
DO NOT USE THIS SPACE	
9. Statement and signature.	
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.	
April 14, 2003	
Date  Edward Jorgenson, Reg. No. 34,194  Total Number of Pages Including Cover Sheet, Attachments and Document: 4	

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PATENT REEL: 014001 FRAME: 0840 117798-0290 PATENT

## 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, and I, Mark D. Randa, a citizen of the United States of America and a resident of Waukesha County, Wisconsin, have invented certain new and useful improvements in a "METHOD AND APPARATUS FOR ON-GRADE BORING" 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 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.

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IN WITNESS WHEREOF, I have hereun	ito set my hand this 21 day of Fub.,
2003.	
	A- 11112
	Steven W. Wentworth
	Sleven w. Wentworth
STATE OF WISCONSIN §	
<b>§</b>	
COUNTY OF WAUKESHA §	
On this 27 day of Ed	, 2003, before me, a Notary Public in and
for the State and County aforesaid, personally app	· · · · · · · · · · · · · · · · · · ·
the person of the above name, who signed and sea	
the same to be his own free act and deed.	
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9	Notary Dublic
	Notary Public My Commission Expires: 6/29/2003
V BL	Willy Commission Expires0/2/1/2015
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	mode Cal
IN WITNESS WHEREOF, I have hereunto set m	y hand this 23 day of Feb. 2003.
	Kart Lillia
	Robert F. Crane
STATE OF WISCONSIN §	
§	
COUNTY OF WAUKESHA §	
On this 27 day of Fel	, 2003, before me, a Notary Public in and
for the State and County aforesaid, personally ap	
person of the above name, who signed and sealed	
same to be his own free act and deed.	g g a a a a a, m a mana a a a g a a a a
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	A Mesherbury
	Notary Public  My Commission Expires: 6/25/2003
TO FUNCTOR	My Commission Expires: 6/25/2003
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IN WITNESS WHEREOF, I have hereunto set my	hand this 2 day of F.W., 2003.
	Mark D. Randa
STATE OF WISCONSIN §	
COUNTY OF WAUKESHA §	
On this <u>27</u> day of <u>F21</u> for the State and County aforesaid, personally app person of the above name, who signed and sealed the same to be his own free act and deed.	•
TAP OF WISON	Notary Public My Commission Expires:

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**RECORDED: 04/21/2003** 

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PATENT REEL: 014001 FRAME: 0843