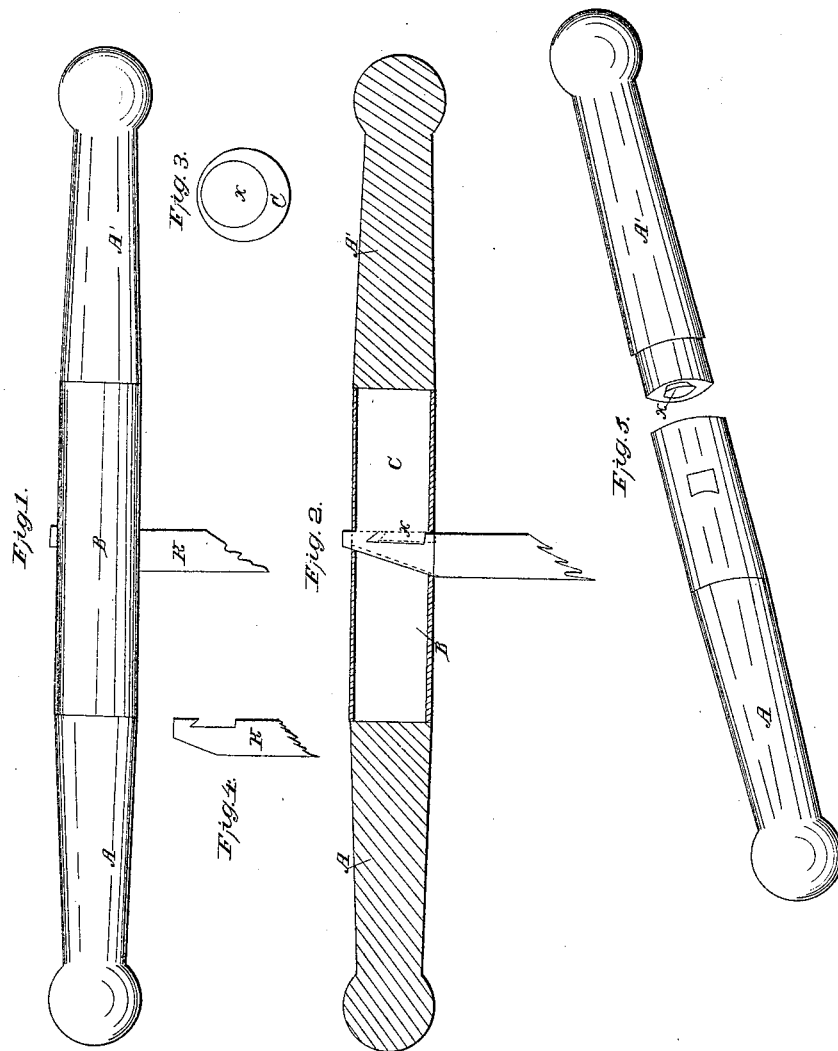


*G. Sanford,*  
*Auger Handle.*

*No 7,688,*

*Patented Oct. 1, 1850.*



# UNITED STATES PATENT OFFICE.

G. SANFORD, OF ELLENVILLE, NEW YORK.

## AUGER-HANDLE.

Specification of Letters Patent No. 7,688, dated October 1, 1850.

*To all whom it may concern:*

Be it known that I, GELSTON SANFORD, of Ellenville, in the county of Ulster and State of New York, have invented certain  
5 new and useful Improvements in Auger-Handles; and I do hereby declare the following to be a full, clear, and exact description thereof, reference being had to the annexed drawings, making part of this specification, in which like letters in the different  
10 figures designate like parts.

Figure 1 is an elevation of my improved auger handle mounted upon a bit or auger shank. Fig. 2 is a sectional view of the same  
15 cut lengthwise the dotted lines showing the position of the eccentric when the shank is not fastened. Fig. 3 is an end sectional view of one handle having a dovetail eccentric thereon. Fig. 4 is a side sectional  
20 view of the upper end of the bit or shank as made for use in this handle. Fig. 5 is a perspective view of each half of the handle distinct the tube being on one half and the eccentric on the other.

25 I construct the handle in two parts or sections as shown in Figs. 2 and 5.

A is one half of the handle made of wood in the usual manner.

30 B is a hollow iron tube or ferrule one end of which is screwed fast to the half of the handle A.

A' is the other half of the handle of wood.

35 C is a piece of iron made to fit in the iron tube B and fastened to the half of the handle A'. The end of the iron C is made in

the form of a dovetail eccentric as shown at *w*.

Through the center of the iron tube or ferrule B there is a tapering square slot in  
40 the shank.

K is the shank of the auger which is made to fit the slot cut through the tube B. In the side of the shank I cut a dovetailing  
45 notch.

When I wish to use my auger handle I put the auger shank through the slots in tube B with the side having the dovetail notch toward the handle A'. I then put the end  
50 of handle A' in the tube B holding the handle A' firmly in the hand and turn the handle A' the eccentric on the end of which fitting in the dovetail notch in the shank or bit K presses it firmly in the slot in the  
55 iron tube B. The dovetail thus fitting in the dovetailed slot keeps the auger firmly in the handle and it so remains when in use.

What I claim herein as new and of my invention and desire to secure by Letters  
60 Patent is—

Securing augers and other tools in their handles by means of a tube attached to the inner half of one part and an eccentric attached to the inner half of the other part of  
65 the handle, the eccentric part passing into the tube and the eccentric fitting into the dovetailed grooved slot of the shank substantially as herein described.

GELSTON SANFORD.

Witnesses:

R. B. TAYLOR,  
H. S. WELLER.