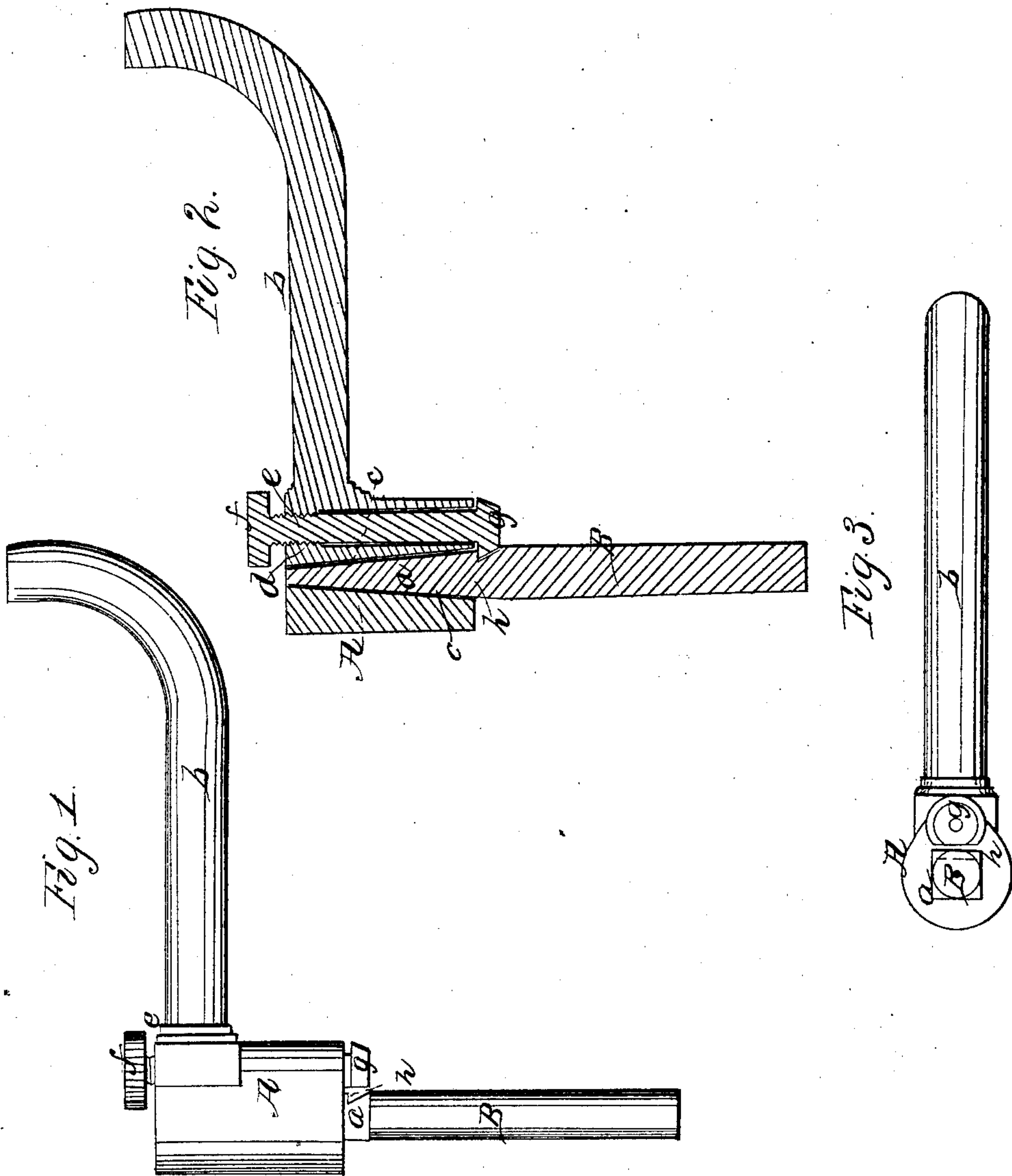


W. Tucker,

Bit Stock Fastening.

N<sup>o</sup> 23,326.

Patented Mar 22, 1859.



Witnesses:  
Lds R. Phelps  
Edmund Northrop

Inventor:  
William Tucker

# UNITED STATES PATENT OFFICE.

WILLIAM TUCKER, OF BLACKSTONE, MASSACHUSETTS.

## METHOD OF SECURING BITS IN THE STOCK.

Specification of Letters Patent No. 23,326, dated March 22, 1859.

*To all whom it may concern:*

Be it known that I, WILLIAM TUCKER, of Blackstone, in the county of Worcester and State of Massachusetts, have invented an  
5 Improvement in Fastenings for Bit-Stocks or Auger-Handles; and I do hereby declare that the same is fully described and represented in the following specification and the accompanying drawings, of which—

10 Figure 1, is a side elevation of a bit-stock socket having my improvement applied to it. Fig. 2, is a longitudinal section of the same. Fig. 3, is an underside view of it.

15 The nature of my invention consists in a peculiar application and arrangement of a screw and a segmental head or its equivalent with reference to the bit-stock socket and for the purpose of enabling a person to fix or hold a boring or other tool therein.

20 In the drawings A, exhibits the socket head or part of a bit-stock which not only receives the tapering part *a*, of a bit or tool B, but projects from the bell crank of the stock, a portion of such crank being shown  
25 at *b*.

30 Extending down through the head A, and along side of the socket *c*, thereof, I arrange a female screw *d*, into which a male screw *e*, provided with a milled head *f*, is to be screwed, and so as to project from each end of the said head A, as shown in the drawings. On the lower end of the male

screw, a button or segmental conical frustum *g*, is affixed so as to rotate with the screw. The curved part of the periphery of  
35 the button projects farther from the axis of the screw than the chord or straight portion of it, the same being for the purpose of enabling the curved part to enter an angular notch *h*, made in the bit or boring tool  
40 while the male screw is being revolved. By turning the screw, the button will enter the said notch and be drawn upward so as to act against the upper part of the notch and draw the bit or tool close up into the socket  
45 *c*, and there hold it until the screw is turned backward, so as to carry the button out of the notch.

This simple invention admits of a bit or boring tool being fastened in the socket of  
50 its stock or handle with great facility and security.

I claim—

The application or arrangement of the screws *d* *e*, and the segmental button *g*, with  
55 respect to the bit or boring tool socket and to operate with or on the tool substantially as specified.

In testimony whereof, I have hereunto set my signature.

WILLIAM TUCKER.

Witnesses:

THOS. R. THETTEPLACE,  
EDWIN NORTHROP.