(No Model.)

A. C. STOWE.

TOOL HANDLE.

No. 327,969. Patented Oct. 6, 1885.

Fig. 1.

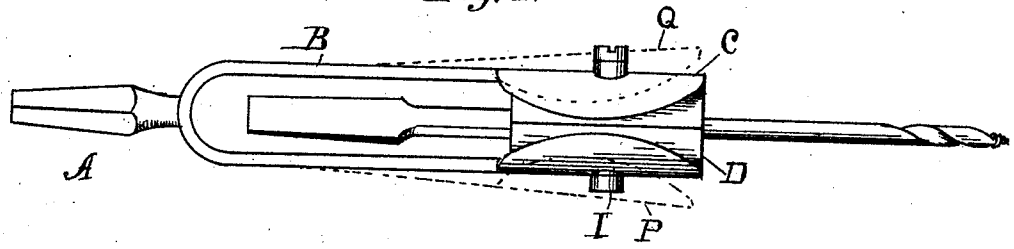


Fig. 2.

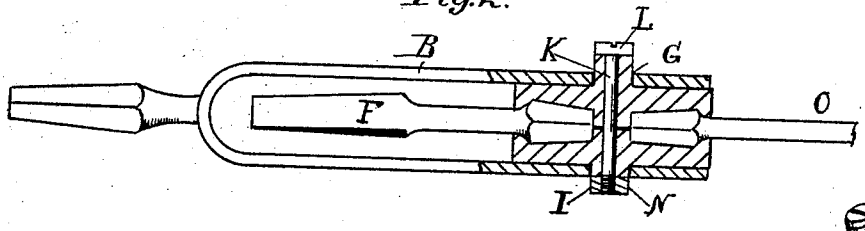


Fig. 3.

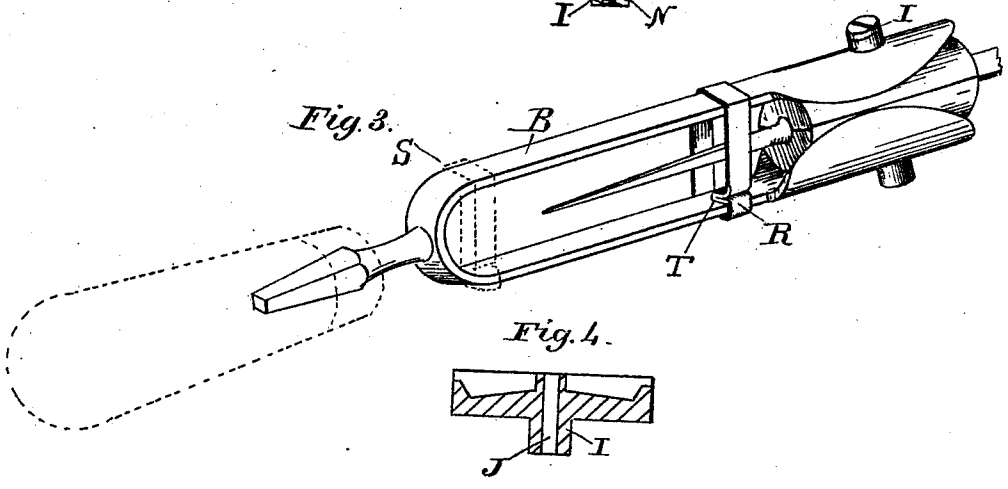


Fig. 4.

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UNITED STATES PATENT OFFICE.

ANSON C. STOWE, OF PAOLA, KANSAS.

TOOL-HANDLE.

SPECIFICATION forming part of Letters Patent No. 327,969, dated October 6, 1885.

Application filed February 24, 1885. Serial No. 156,693. (No model.)

To all whom it may concern:

Be it known that I, ANSON C. STOWE, of Paola, in the county of Miami and State of Kansas, have invented a new and useful Improvement in Combined Gimlet and Screw-Driver, which improvement is fully set forth in the following specification and accompanying drawings, in which—

Figure 1 is a perspective view of my improved combined gimlet and screw-driver. Fig. 2 is a sectional view of the same; Fig. 3, a perspective view showing the band for holding the spring and preventing it from spreading when in use; and Fig. 4 shows a part of the cylinder with trunnions.

The object of my invention is to construct a combined gimlet and screw-driver in the form of a complete tool, so that when the stock is once placed in a brace either the gimlet or screw-driver can be used without taking the stock from the brace; and to this end it consists in having a U-shaped stock and secured to the shank, said U-shaped stock having at its open end a cylinder hinged so that it may be rotated between the jaws of the U-shaped stock, said stock having elliptical-shaped cheeks or flanges, which confine said cylinder on a line with the stock and with the shank, and in this cylinder is placed, at opposite ends, a screw-driver and a gimlet, so that when the screw-driver is in a position for working, the gimlet will be hidden within the limbs of the stock, as will be hereinafter shown. A band or ring sliding loosely on the limbs of the stock serves to hold the limbs securely against the cylinder or from being suddenly opened when in use, as will now be set forth in detail.

In the accompanying drawings, A represents the shank, which is usually fitted to the ordinary brace or handle. To this shank is solidly attached the arc of a U-shaped stock, B. The limbs of this stock are parallel with each other, and are constructed of spring-steel or other suitable material, and at their open ends are provided with elliptical cheeks or side flanges, C, cylindrical within, so as to receive the cylinder D. This cylinder is cast in two parts, each half being provided with a trunnion, each trunnion passing centrally through the cheeks C and moving freely within the apertures G in the cheeks.

I do not lay particular stress upon the manner of constructing the trunnions I; but in this instance I show each trunnion provided with a central aperture, J, through which I place a bolt, K, having at one end a head, L, and a screw-thread, M, at the other, and a nut, N, to receive said bolt K. By this means the shanks of the gimlet and screw-driver are held firmly within the cylinder. O represents the gimlet; P, the screw-driver.

When it is desired to rotate the tools, so as to expose the gimlet or screw-driver, the motion of the cylinder D against the curved or elliptical cheeks will expand the limbs of the stock, as shown by dotted lines Q in Fig. 1, and enable the cylinder D to be turned upon the trunnions I. For the purpose of preventing the limbs of the stock from expanding unduly, or when in use, I provide a sliding band, R, which is placed upon the limbs above the cheeks D, so that when in use it is placed close up against the cheeks, as shown in Fig. 3; but when it is desired to rotate the cylinder said band is moved toward the arc of the U-shaped stock, as shown by dotted lines S. It will be observed that I have turned inwardly a lip; or in lieu thereof a lug may be attached on the inner side of the band, as at T, for the purpose of preventing the removal of said band.

In the construction of this device I do not limit myself exclusively to the use of the screw-driver and gimlet, but in lieu of either may insert an awl or any other tool of a nature to be adapted to the position.

I am aware that combination tool-holders have been heretofore used, wherein to a pivoted center piece different tools were fixed, whereby either tool could be brought into use, and I do not, broadly, claim this construction or combination.

What I claim as new is—

1. The combination of the U-shaped tool-stock, having at its outer ends broad concave gripping-cheeks, with the two-part cylinder D, adapted to receive and hold tools, and pro-

vided with trunnions whereby it may be revolved between said cheeks, and the clamping-bolt and its nut, substantially as described.

2. The combination of the tool-stock, constructed, as described, with the two-part cylinder D, provided with trunnions, so as to revolve between the cheeks on the ends of the stock, and a clamping-bolt passing through said trunnions and secured by a nut, and a sliding band, R, on the stock, having a lug, T, substantially as described.

In testimony that I claim the foregoing I have hereunto set my hand in the presence of witnesses.

ANSON C. STOWE.

Witnesses:
J. T. HAUGHEY,
E. P. TULLER.