F. R. ALFORD.

KEY HANDLE.

APPLICATION FILED MAY 2, 1908.

902,793. Patented Nov. 3, 1908.

Fig. 1.

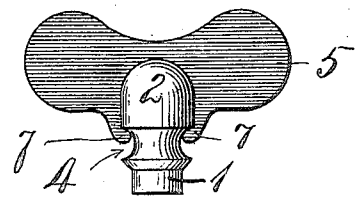


Fig. 2.

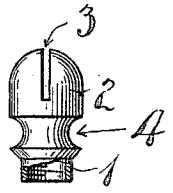
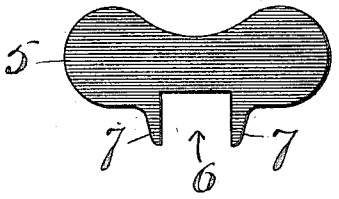


Fig. 3.



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FRANK R. ALFORD, OF WINSTED, CONNECTICUT, ASSIGNOR TO WM. L. GILBERT CLOCK COMPANY, OF WINSTED, CONNECTICUT, A CORPORATION OF CONNECTICUT.

KEY-HANDLE.

No. 902,793. Specification of Letters Patent. Patented Nov. 3, 1908.

Application filed May 2, 1908. Serial No. 430,530.

To all whom it may concern:

Be it known that I, FRANK R. ALFORD, a citizen of the United States, residing at Winsted, Litchfield county, State of Connecticut, have invented certain new and useful Improvements in Key-Handles, of which the following is a full, clear, and exact description.

My invention relates to certain new and useful improvements in handles for keys and the like, the object being to provide a simple and effective construction whereby such devices may be economically produced and which, when finished, will possess great strength and durability.

In the accompanying drawings, I have shown my invention as applied to a winding key for clocks, although the particular use to which the invention is applied is immaterial.

In the drawings, Figure 1 is a side elevation of my invention; Fig. 2 is a side elevation of one of the details shown in Fig. 1 and in a plane at right angles to that shown in said figure; Fig. 3 is a side elevation of another detail, detached.

1 represents the shank of a key, said shank being of any suitable design or construction. In this instance the shank is centrally bored or threaded to take onto the winding stem of the clock.

2 is the head, of suitable contour, and having a slot cut into its end, as best seen at 3, Fig. 2.

4 is a groove or recess in the side of the shank just below the head 2.

5 is the finger-piece having the central recess 6 and the dependent ears 7—7. The slot 3 is of a width corresponding substantially to the thickness of the material of the finger-piece 5.

In assembling the parts, the shank and finger-piece, the latter is inserted into the slot 3 and pressed down until the ends of the ears 7—7 stand adjacent to the recessed portion of the shank formed by the groove 4. These ears 7—7 are then struck in, as best seen in Fig. 1, until they project into said recessed portion of the shank, firmly locking the finger-piece 5 thereto. By this simple means a two-part key handle may be readily formed.

For simplicity's sake and instead of forming the two recesses in the side of the head below the ends of the slot therein, for the purpose of providing holding shoulders for the ears 7—7, I form the annular recess or groove, as shown, thus not only providing at once two holding shoulders, required for the lugs 7—7, but also giving to the head a more symmetrical and ornamental appearance. Preferably the holding shoulders, with which the lugs engage, are suitably inclined so that when said lugs are struck in against said shoulders, the tendency will be to draw the finger-piece firmly down against the bottom of the groove in the upper end of the head, thus making a firm and rigid connection of the two parts.

What I claim is:

1. In a device of the character described, a head portion having a slot therein, recesses in the opposite sides of said head and below the plane of the slot, a finger-piece arranged to stand in said slot, and lugs on said finger-piece projecting into said recesses, said recesses being formed by an annular groove extending around said head and having inclined walls to draw said finger-piece down tightly into said slot when the lugs are forced home.

2. In a device of the character described, a head slotted at the end, holding shoulders at the sides of said head below said slot, a finger-piece arranged transversely of said head and standing in the slotted portion thereof, and lugs dependent from said finger-piece and embracing the shouldered portion of said head to hold the finger-piece firmly in place, said shoulders having inclined walls to draw said finger-piece down tightly into said slot when the lugs are forced home.

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