Dec. 28, 1926. 1,611,930

M. C. MacLEOD

TEMPLATE FOR FITTING DOOR LOCKS

Filed April 17, 1925

FIG. 1.

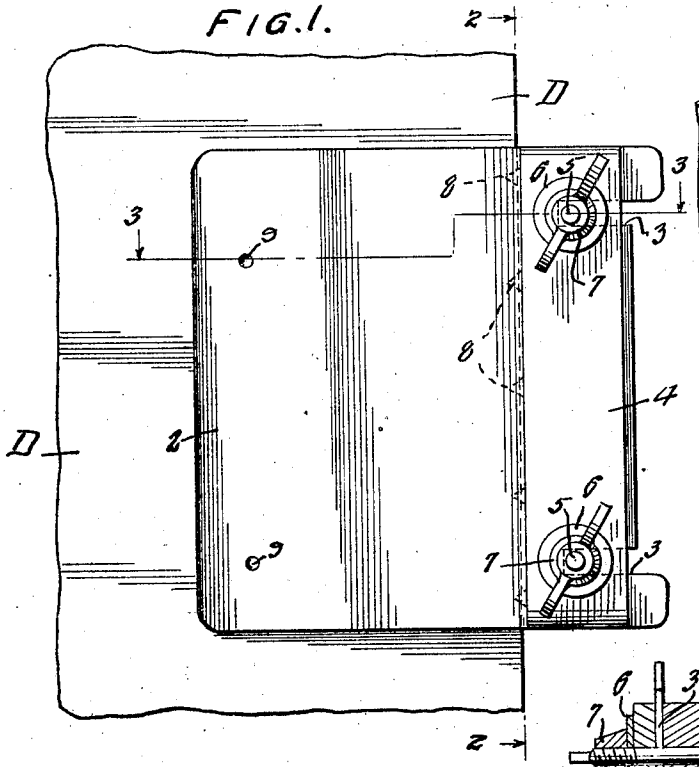


FIG. 4.

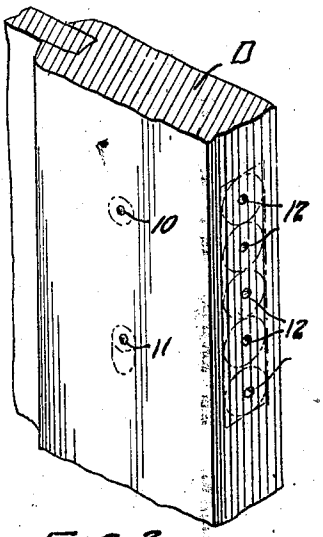


FIG 3

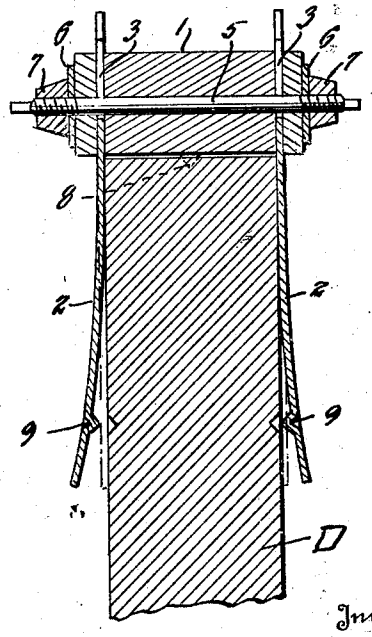
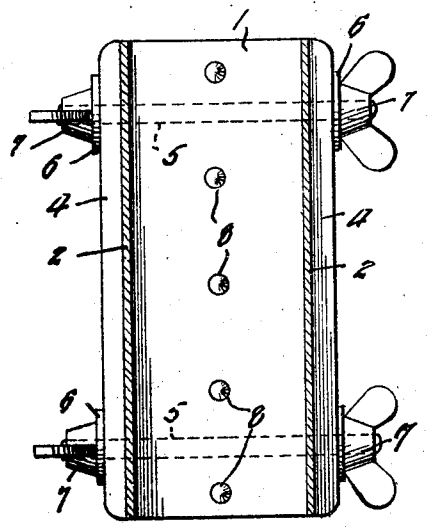


FIG. 2.



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UNITED STATES PATENT OFFICE.

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TEMPLATE FOR FITTING DOOR LOCKS.

Application filed April 17, 1925. Serial No. 23,945.

The object of my invention is to provide a novel and efficient template which will make it possible to more quickly and accurately fit locks to doors. I attain the objects of my invention by the device disclosed in the accompanying drawings, in which—

Figure 1 is a side view of the invention applied to a door;

Fig. 2 is a vertical section on line 2—2 of Fig. 1;

Fig. 3 is a horizontal section on line 3—3 of Fig. 1; and

Fig. 4 is a perspective view of a portion of the door after being marked by the template.

Like numerals indicate like parts in each of the several views.

Referring to the accompanying drawings, I provide a suitable block or base 1 of wood, metal or other suitable material on which are positioned the small metal prongs 8 equally spaced apart and positioned in the plane of a line drawn midway longitudinally through the block.

I provide flat metal strips 2 bent slightly outwardly near their outer edges and having prongs 9 positioned a like distance from the edges of the plates and spaced a suitable distance from the edges of the plates to mark the top and bottom of the keyhole plate, as shown in Figs. 1 and 3. I provide strips 4 interposed between washers 6 and plate 2 as shown and functioning, with the washers 6, thumbnuts 7 and threaded shaft 5, as adjustable clamping means, as shown in Figs. 1 and 3. Plates 2 are adjustably mounted on block 1 by means of the threaded shafts 5 which extend through slots 3 of the plates 2 and through block 1, plates 2 and strips 4 and are held in place by thumbnuts 7 which engage the threaded ends of shafts 5 and bear against the washers 6, as shown in Fig. 3. In using the device the template is applied to the door D in the manner shown in Fig. 1 and the block 1 and sides 2 are tapped with a hammer to cause the prongs 8 to leave the impressions 12 on the edge of the door and the prongs 9 to leave the impressions 10 and 11 on the sides of the door which indicate where the keyhole must be positioned, as indicated in Fig. 4. The keyhole may vary a little with different makes of locks but this may be regulated by loosening the thumbnuts 7 and adjusting the plates 2, through the slots 3 of which in said plates the rods 5 extend. These impressions 12 and 10 and 11 indicate where the user should apply his bit to bore the necessary chamber in the door to receive the door lock.

My device is a practical tool for carpenters and door hangers for marking the bit points for boring out the chamber of an inside mortise lock, and marking the keyhole and knob hole using only one bit $\frac{13}{16}$ for all. It is adjustable from $1\frac{3}{8}''$ to $1\frac{3}{4}''$ door, with adjustment for keyhole should they vary. Rods 5 are threaded at the ends for a sufficient distance to permit of adjustment to the extent indicated, a wider block 1 being substituted when the device is adjusted to the wider sizes of doors.

What I claim is:

1. In a template for fitting door locks, the combination of a base, having spaced prongs on one lateral face to mark the place for boring the door to receive the lock, spaced plates slidably mounted on the lateral edges of the base, each of said plates having prongs positioned to mark the place for the keyhole plate, and adjustable clamping means for mounting the space plates on the base.

2. In a template for fitting door locks, the combination of a base having prongs on one lateral face positioned to mark the portion of the edge of the door to be bored to receive the lock, spaced metal plates mounted on the base, said plates having slots to permit of their adjustment relative to the base, rods extending through the base and through the slotted portions of the plates, thumb nuts engaging the threaded ends of the rods, and strips of approximately the same length as the base interposed between the thumb nuts and the plates for adjustably fastening the plates in the desired position, the lateral edges of the plates having suitable prongs to mark the position of the keyhole plates on the door.

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