M. CLARKE.

SAW HOLDER.

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1,203,980.

Patented Nov. 7, 1916.

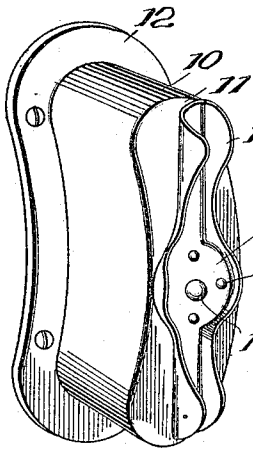


FIG. 1.

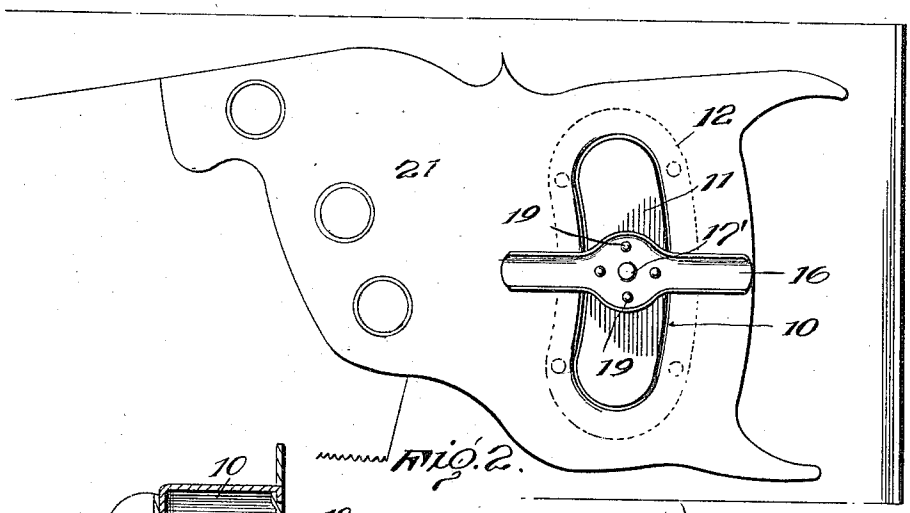


FIG. 2.

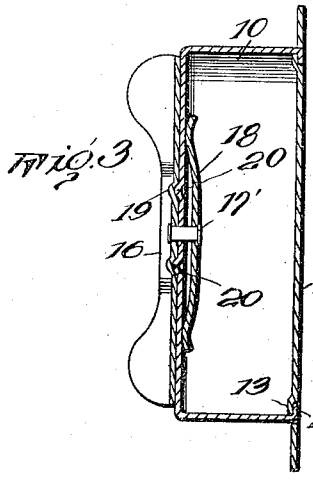


FIG. 3.

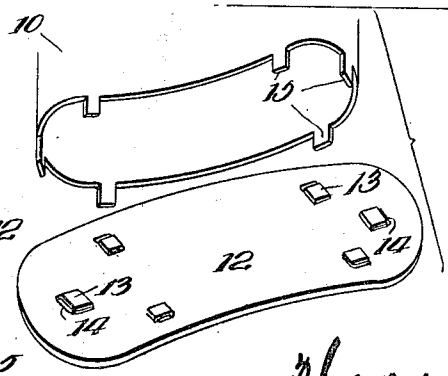


FIG. 4.

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UNITED STATES PATENT OFFICE.

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SAW-HOLDER.

1,203,980. Specification of Letters Patent. Patented Nov. 7, 1916.

Application filed May 20, 1916. Serial No. 98,844.

To all whom it may concern:

Be it known that I, MATTHEW CLARKE, a citizen of the United States, residing at Wilkes-Barre, in the county of Luzerne and State of Pennsylvania, have invented certain new and useful Improvements in Saw-Holders, of which the following is a specification.

This invention relates to a saw holding device and more particularly contemplates improvements in the structure disclosed in Patent No. 1,143,748 issued to me June 22, 1915.

The invention has as its primary object to provide a device of this character for detachably receiving the handle of a saw and supporting the saw in position within a tool box or other desired location.

The invention has as a further object to provide a device of this character employing a keeper adjustable for locking the saw upon the holder and wherein an improved arrangement of yieldable means will be provided for holding the said keeper at adjustment. And the invention has as a still further object to provide a holder having a casing provided with a detachable base plate which may be easily disconnected from the body of the holder so that access may be had to the interior thereof.

Other and incidental objects will appear as the description proceeds and in the drawings wherein I have illustrated the preferred embodiment of the invention and wherein similar reference characters designate corresponding parts throughout the several views.

Figure 1 is a perspective view showing my improved device in connection with a conventional type of tool box lid, Fig. 2 is an elevation showing a conventional type of saw in position upon the holder, Fig. 3 is a sectional view more particularly showing the mounting of the keeper of the holder and the spring associated therewith for holding the said keeper at adjustment, and Fig. 4 is a fragmentary perspective view showing the manner in which the base plate of the holder is connected to the body thereof.

In carrying out the invention, I employ a casing 10 preferably of the general contour illustrated and provided with a top wall 11, the casing being open upon its lower side. The casing 10 is preferably formed of suitable sheet metal and is longitudinally curved to removably fit through the opening usually found in a conventional type of saw handle. Coöperating with the casing is a base plate 12 which, as particularly seen in Fig. 4 of the drawings, is provided, adjacent opposite ends thereof, with a plurality of spaced instruck sockets 13 at the outer ends of which, the plate is formed with openings 14. Engaging in the sockets 13, are a plurality of tongues 15 which are carried by the free edges of the casing 10 and are inserted through the openings 14 in the base plate 12 to lie within the said sockets flush with the lower face of the said plate. By this arrangement, the base plate 12 is detachably connected to the casing so that access may be easily had to the interior thereof, while, at the same time, the said base plate is adapted to seat flat against a suitable surface to be connected thereto for supporting the device in operative position. In Figs. 1 and 2 of the drawings, I have shown the device as mounted upon a conventional type of tool box lid although, it will, of course, be understood that the improved holder may be employed in any location desired for supporting a saw, as will presently be described.

Mounted upon the casing 10, is a keeper 16 which is also preferably formed from a piece of suitable sheet metal having opposite margins thereof bent upwardly to provide wings 17 at opposite ends of the said keeper. The keeper 16 is rotatably supported by a rivet or other suitable pivot pin 17′ connected to the keeper at a point substantially midway the ends thereof and fitted through the top wall 11 of the casing. Interposed between the inner end of the pivot pin and the said top wall is a longitudinally bowed spring 18 which may be connected to the said pivot pin in any approved manner.

Struck from the middle portion of the keeper 16 are spaced upstanding sockets 19, four of the said sockets being preferably employed and arranged at quadrantly spaced points about the pivot pin 17′ in concentric relation thereto. Coöperating with the said sockets are a plurality of similarly arranged lugs or knobs 20, struck upwardly from the top wall 11 of the casing and adapted to snugly fit within the said sockets with the bowed spring 18 urging the keeper 16 to a position with the said knobs engaging within the sockets. As will now be clear, the keeper

16 may be easily rotated upon the casing by means of the wings 17 and may be adjusted to extend longitudinally of the casing, as illustrated in Fig. 1 of the drawings or may be adjusted to extend transversely of the casing, as illustrated in Fig. 2, with the spring 18 acting to yieldably hold the keeper at adjustment with the knobs 20 engaging within the sockets 19 of the said keeper.

In Fig. 2 of the drawings, I have shown the manner in which the device is adapted to support a saw. The saw is conventionally shown at 21 and in connecting the handle thereof with the holder, the keeper 16 is first arranged to extend longitudinally of the casing 10, as illustrated in Fig. 1. The handle is then fitted over the casing with the said casing extending through the opening in the handle when the keeper is rotated to a position extending transversely of the casing, as illustrated in Fig. 2 with the ends of the said keeper adapted to engage the saw handle for holding the saw against displacement. The saw may thus be easily attached to or detached from the device and it will therefore be seen that I provide a very simple and efficient construction for the purpose set forth.

Having thus described my invention, what I claim and desire to secure by Letters Patent is:

1. A saw holder including a casing formed to extend through the opening of a saw handle, a keeper rotatably adjustable to active position upon the casing, means associated with the keeper for normally holding the keeper at adjustment and arranged within the casing, a base plate closing the casing with the said plate providing an attaching member for the holder, and lugs formed on the bottom edges of the casing and extending through the base plate with the outer extremities of said lugs rebent to engage therewith for detachably connecting the said plate with the casing whereby access may be had to the said means.

2. A saw holder including a casing formed to extend through the opening of a saw handle, a keeper rotatably adjustable to active position upon the casing, means associated with the keeper for normally holding the keeper at adjustment and arranged within the casing, a base plate closing the casing and provided with upstanding sockets, and lugs carried by the casing and engaging in said sockets with the said lugs arranged flush with the outer face of the said plate for detachably connecting the plate with the casing whereby access may be had to the said means.

3. A device of the character described including a casing provided with a top wall, a keeper rotatably adjustable to active position upon the casing, a pivot pin supporting the keeper and extending through the said wall, and a bowed spring carried by the inner extremity of said pivot pin and engaging the casing to normally urge the keeper into frictional engagement with said top wall for holding the said keeper at adjustment.

4. A device of the character described including a casing provided with a top wall, a keeper rotatably adjustable to active position upon the said casing and provided with a socket, a knob upstanding from the said top wall of the casing, a pivot pin for the keeper, and yieldable means acting upon said pin to normally urge the keeper into frictional engagement with said top wall with the said knob engaging within the said socket for holding the keeper at adjustment.

5. A saw holder including a casing formed to extend through the opening of a saw handle and provided with a top wall having an upstanding knob formed thereon, a keeper rotatably adjustable to active position upon the casing, the said keeper having opposite margins thereof bent upwardly to provide upstanding operating wings arranged at opposite ends of the keeper with the central portion of the keeper seating upon the said top wall and provided with an upstanding socket, a pivot pin connected to the said central portion of the keeper and extending through the said top wall for rotatably supporting the keeper, and a bowed spring connected to the said pivot pin and engaging the said top wall for urging the central portion of the keeper into frictional contact with the top wall of the casing for holding the said keeper at adjustment with the said knob seating within the said socket.

In testimony whereof I affix my signature.

MATTHEW CLARKE. [L. S.]

Copies of this patent may be obtained for five cents each, by addressing the "Commissioner of Patents, Washington, D. C."