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WINDOW SCREEN FASTENER

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Fig. 1.

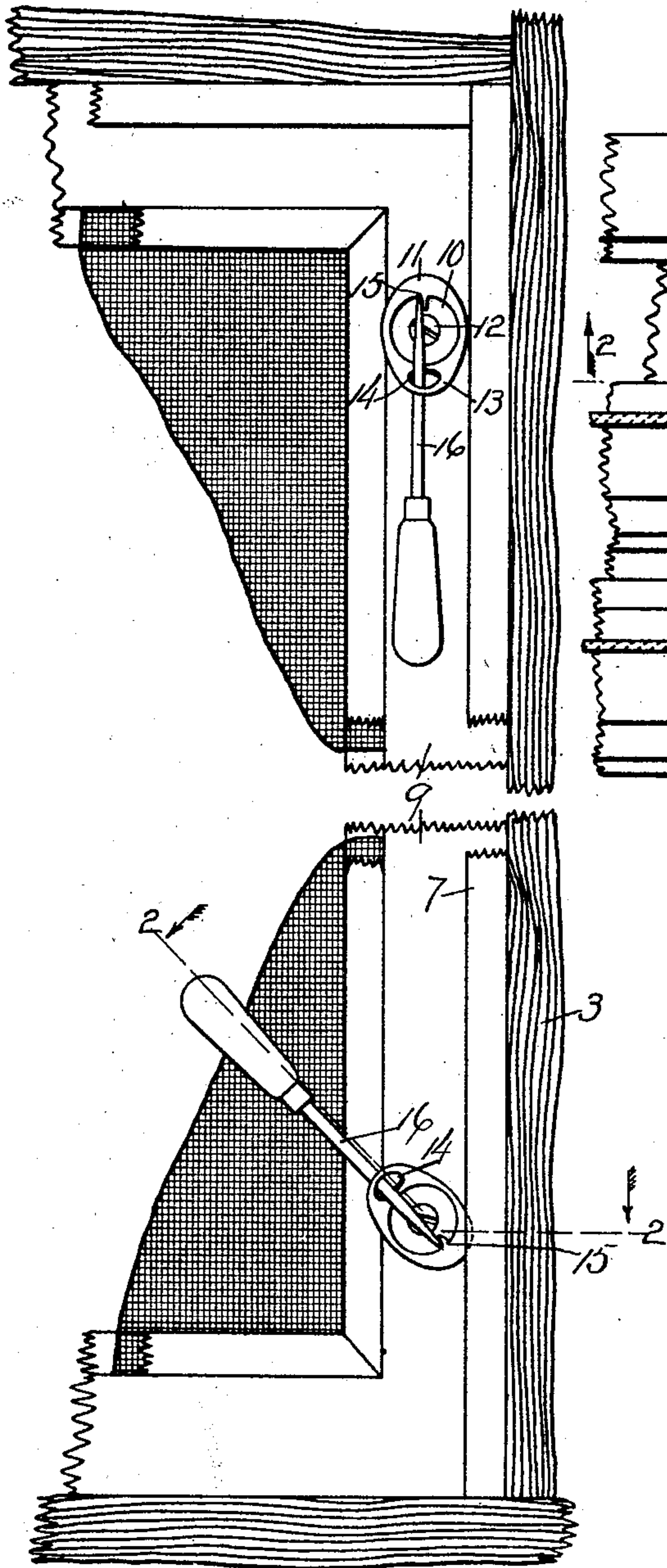
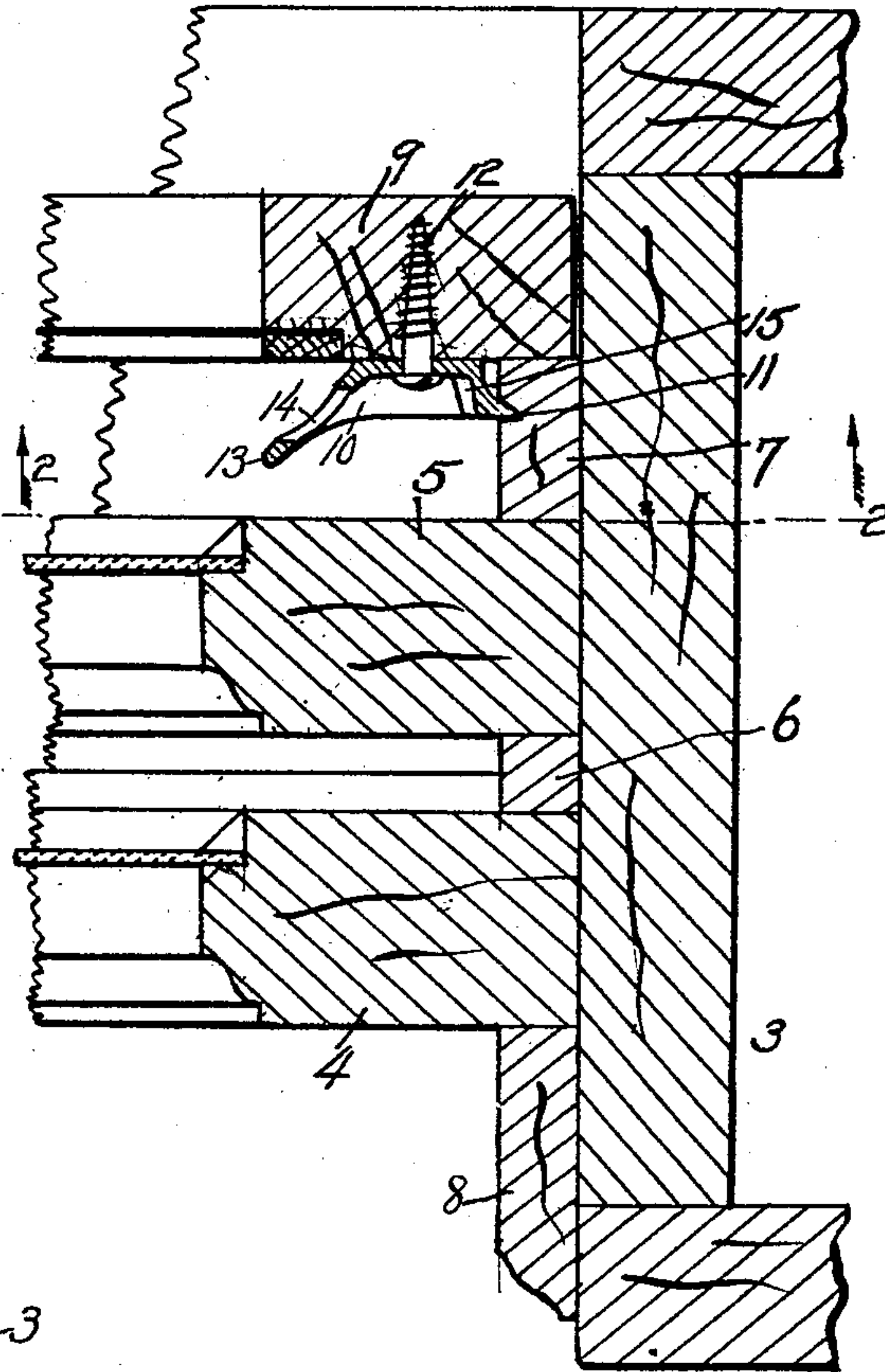


Fig. 2.



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WINDOW-SCREEN FASTENER

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My invention relates to the class of devices for removably securing more particularly a window screen in place and an object of my invention, among others, is the production of a fastener for such purpose that shall be simple in construction, that shall have means for operating it to secure a screen in place and that shall effectively hold such screen in position.

One form of a fastener embodying my invention and in the construction and use of which the objects herein set out, as well as others, may be attained, is illustrated in the accompanying drawings, in which—

Figure 1 is a view in section through a portion of a window frame on a plane denoted by the dotted line 2—2 of Figure 2, and illustrating the manner of use of my improved fastener.

Figure 2 is a view in section on a plane denoted by the dotted line 2—2 of Figure 1.

In the accompanying drawings the numeral 3 indicates a window frame of ordinary form and construction and in which a lower sash 4 and an upper sash 5 are slidably mounted in a well known way. Dividing stops 6 may be located between the two sashes and back stops 7 are secured to the frame outside of the upper sash, and facings 8 may be secured to the frame at the front of the window, the back stops and facings together with the dividing stop 6 forming slideways in a common ordinary manner in which the sashes 4 and 5 are slidably located.

A sliding screen including a screen frame 9 is fitted to the opening in the window frame so that it may be placed in position from the outside of the window frame against the stops 7.

My improved fastener or holder is adapted to be secured to the screen frame 9, there preferably being two holders on each side rail of the screen frame, located near the bottom and top thereof. These holders or fasteners are preferably formed of metal of cup shape and each is provided with a biting edge 11 eccentrically located on the holder. These holders are rotatably secured to the screen frame as by means of screws 12

passing through a hole in the bottom of each holder and into the screen frame, as shown in Fig. 2 of the drawings. The flange 13 opposite the biting lip 11 is formed with a hole 14, and a lug 15 is formed inside of the holder opposite the hole 14.

In securing a screen in place, a person standing inside of a room opposite the window frame may insert a screw driver 16 or other suitable tool through the hole 14 with the end of the screw driver against the lug 15, and as shown in Fig. 1 of the drawings. A pull on the handles toward the person will now seat the screen tightly against the stops 7 and at the same time the holders 10 may be turned by the use of the screw driver to cause the lips 11 to bite into the material of the stop 7, and as shown in Fig. 2 of the drawings, thus insuring that the screen is seated tightly against the stop when the holder is operated to secure it.

In accordance with the provisions of the patent statutes I have described the principles of operation of my invention, together with the device which I now consider to represent the best embodiment thereof; but I desire to have it understood that the device shown is illustrative and that the invention may be carried out by other means and applied to uses other than those above set out.

I claim—

1. A fastener comprising a member arranged to be rotatably mounted and having a biting lip eccentrically positioned thereon, said member having a hole for a fastening tool in a wall thereof at an angle to the bottom of the member, and means for engagement by said tool in cooperation with said hole to operate said member.

2. A fastener comprising a dish-shaped member having a projecting biting lip eccentrically positioned on one side, and means for rotatably mounting said member, said member having parts at opposite sides thereof adapted for cooperation with a tool for rotating it.

3. A fastener comprising a dish-shaped member having a projecting biting lip eccentrically positioned on one side and having a hole in the bottom thereof to receive

a member for rotatably supporting it, and means on said member to receive a tool parallel therewith for rotation of said member.

4. A fastener comprising a dish-shaped member having a projecting biting lip eccentrically positioned on one side, means for rotatably mounting said member, said member having a hole on one side, in a wall at an angle to the bottom of the member and adapted to receive a tool to procure rotation of said member.

5. A fastener comprising a dish-shaped member having a projecting biting lip eccentrically positioned on one side, means for rotatably mounting said member, a hole formed in one side of said member to receive a tool, and a lug located opposite said hole to cooperate with said tool in rotation of said member.

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