June 30, 1936. W. H. MARSHALL 2,046,078

HASP KEEPER

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Fig. 1.

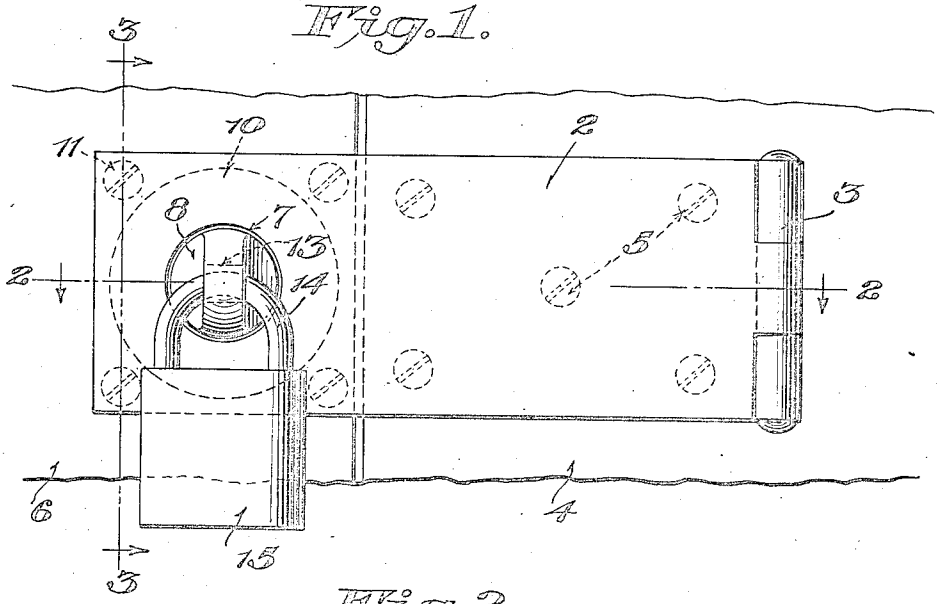


Fig. 2.

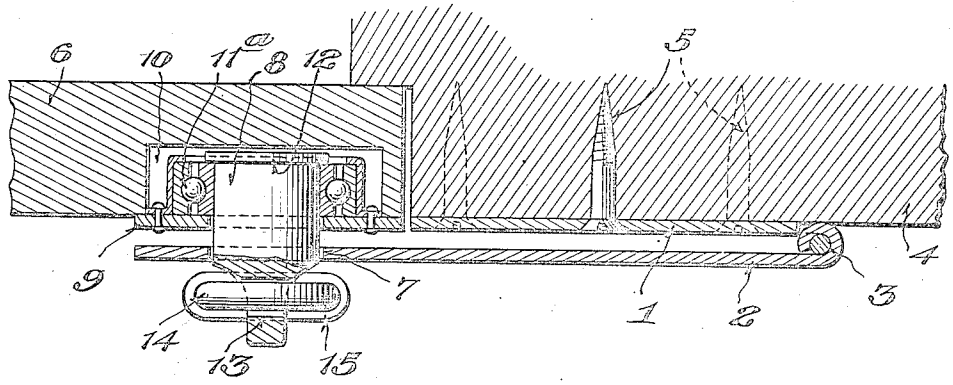
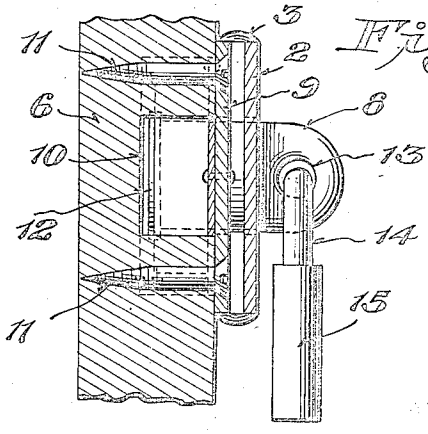


Fig. 3.



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2 Claims. (Cl. 292—281)

This invention relates to hasps and has for its object to prevent the twisting of a padlock upon the bolt member of the hasp in such a manner as to break the shackle of the padlock or otherwise forcibly remove the padlock from the hasp. In accomplishing this desirable result it is a further object of the invention to preserve all of the usual desirable characteristics of an ordinary hasp.

With these and other objects in view, the present invention consists in the combination and arrangement of parts as will be hereinafter more fully described, illustrated in the accompanying drawing, and particularly pointed out in the appended claims, it of course being understood that changes in the form, proportion, size and minor details may be made within the scope of the claims, without departing from the spirit or sacrificing any of the advantages of the invention.

In the drawing:

Figure 1 is a front elevation of a hasp embodying the features of the present invention;

Figure 2 is a longitudinal section view on the line 2—2 of Figure 1; and

Figure 3 is a cross section on the line 3—3 of Figure 1.

In the accompanying drawing there has been shown an ordinary hasp including a base or attaching member 1 and a swinging latch member 2 connected with the base member by a hinge 3. As is usual the base plate member 1 may be secured to a door frame 4 by suitable fastenings such as indicated at 5. The swinging member 2 of the hasp is of a size to entirely cover the front face of the base member 1 so that access to the fastenings 5 is effectually prevented when the hasp is in use. The member 2 is considerably longer than the member 1 so as to project well beyond the end thereof opposite the hinge 3 so as to overlap the door 6. The outer free end portion of the swinging hasp member 2 is provided with an opening 7, preferably circular in shape, for the purpose of receiving a bolt 8 preferably circular in cross section and mounted upon the door 6 so as to rotate freely upon the longitudinal axis of the bolt. As shown this bolt is mounted in a suitable casing 9 let into a socket or recess 10 provided in the outer face of the door, and secured to the door by suitable fastenings 11 which are covered by the outer free end portion of the swinging hasp member 2 so that access to the fastenings is impossible when the hasp is in use. In order that the bolt 8 may rotate freely, a suitable anti-friction bearing 11a is provided therefor. The inner or rear end of the bolt is provided with an external annular flange 12 constituting an abutment cooperating with the casing to prevent outward removal or displacement of the bolt. The casing has an opening in its back wall to enable the assemblage of the bolt and its mounting, and the flange 12 of the bolt engages the rear side of the antifriction bearing so as to prevent forward displacement of the bolt, the antifriction bearing being held by and between the front and back walls of the casing against endwise movement of the bearing longitudinally of the bolt. That portion of the bolt which projects outwardly through the opening 7 is provided with an eye or opening 13 to receive the shackle 14 of a suitable padlock 15.

When the hasp of the present invention is in use, it will operate in the manner of any ordinary hasp to hold the door closed. Should any attempt be made to twist the lock upon the bolt for the purpose of breaking the shackle 14 or pulling it out of the padlock housing, the attempt to do this will be frustrated because of the rotatable mounting of the bolt 8 which will cause the padlock and the bolt to rotate together and therefore it will be impossible to place any stress or strain on the padlock sufficient to break the same away from the bolt. Moreover the substantially circular shape of the opening 7 and the bolt 8 is such that the bolt will always rotate in the opening and there is no possibility of the bolt and the swinging member 2 of the hasp being interlocked or interengaged against mutual independent movement so as to hold the bolt 8 against rotation and permit of the padlock being forcibly twisted from the bolt.

What I claim is:

1. A keeper for a swinging hasp, comprising a substantially cylindrical bolt member adapted to rotatably fit a circular opening in the hasp and provided at its outer end with an opening to receive the shackle of a padlock, and a mounting for the bolt, the maximum transverse bolt portion outside of the mounting being less than the diameter of the opening in the swinging hasp member, said mounting including a casing rotatably receiving the rear portion of the bolt, and an anti-friction bearing for the bolt portion within the casing, the rear end of the bolt having an integral annular flange constituting an abutment in cooperative relation with the casing to prevent endwise displacement of the bolt.

2. A keeper for a swinging hasp, comprising a substantially cylindrical bolt member adapted to rotatably fit a circular opening in the hasp and provided at its outer end with an opening to

receive the shackle of a padlock, and a mounting for the bolt, the maximum transverse bolt portion outside of the mounting being less than the diameter of the opening in the swinging hasp member, said mounting including a casing having an opening in its front wall to rotatably receive the bolt, and an antifriction bearing for the bolt portion within the casing, said antifriction bearing being held by and between the front and back walls of the casing, the rear end of the bolt being provided with an integral annular flange for engagement with the rear side of the antifriction bearing to prevent forward displacement of the bolt, the back wall of the casing being provided with an opening to accommodate the flange on the bolt.

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