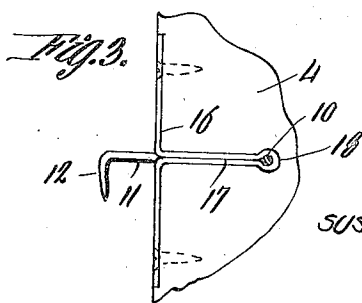
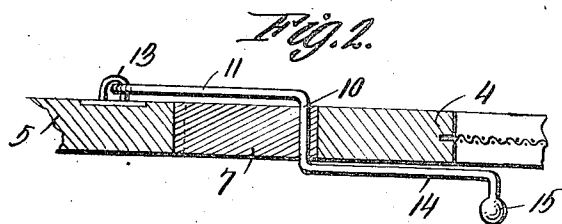
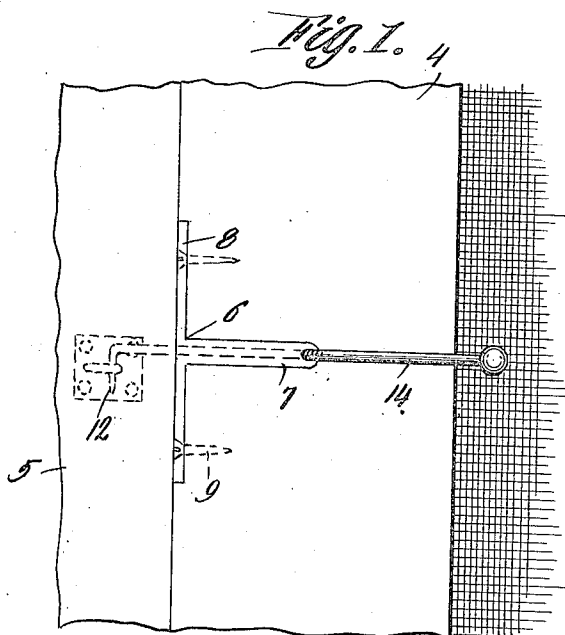


Jan. 23, 1923.

S. HEBERLING.
DOOR CATCH.
FILED JULY 19, 1921.

1,442,879



WITNESSES
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Patented Jan. 23, 1923.

1,442,879

UNITED STATES PATENT OFFICE.

SUSIE HEBERLING, OF OVERBROOK, KANSAS.

DOOR CATCH.

Application filed July 19, 1921. Serial No. 485,816.

To all whom it may concern:

Be it known that I, SUSIE HEBERLING, a citizen of the United States, residing at Overbrook, in the county of Osage and State of Kansas, have invented certain new and useful Improvements in Door Catches, of which the following is a specification.

This invention relates to door catches, the primary object of the invention being to provide a simple type of door catch which is especially adaptable for use on screen doors and which is operable from either side of the door.

Another object of the invention is to provide a bearing for engagement with the door through which said catch extends so as to facilitate installment of the catch and to permit operation of the latter in an efficient manner, subsequent to installation.

The above and other objects of this invention will be in part described and in part understood from the following description of the present preferred embodiment of the invention taken in connection with the accompanying drawings, wherein:

Fig. 1, is an elevational view of a catch constructed in accordance with this invention illustrating its application on a screen door, the latter being fragmentarily shown.

Fig. 2, is a cross-sectional view of the same, and

Fig. 3, is a fragmentary sectional view of the device showing a modified form of bearing.

In the drawings, in order to illustrate the application of this invention a portion of a screen door 4 is shown which is associated with a portion of a door jamb 5. It is to be understood that the door and door jamb may be of the usual or any desired type.

A bearing member generally designated 6 is mounted in the frame of the door and in this instance consists of a T-shaped member, the shank 7 of which is mounted in the door frame and the head 8 countersunk in the outer margin of the door. The head is secured by screws 9 which extend into the door frame as shown by dotted lines in Fig. 1. Preferably, the member 6 is made of an integral casting.

The catch proper consists of a strand of wire 10 which is arranged through the shank 7 of said bearing member, in close proximity to the free terminal of said shank. One end 11 of said strand is bent at right angles so

as to extend beyond the member 6 and beyond the door frame for an appreciable distance, and has the terminal thereof bent at right angles to provide a hasp 12. The hasp is engageable with a staple 13 mounted upon the door jamb 5. The opposite end of the strand 10 is bent at right angles as indicated at 14 and extends in a direction opposite to the right angled portion 11. The free terminal of the portion 14 is bent outwardly so as to lie at right angles to the portion 14 and has a spherical enlargement 15 formed thereon which capacitates as a handle.

In the modified form of the invention shown in Fig. 3 of the drawings, instead of using an integral casting for the bearing member, the latter may comprise a metallic strap 16, the terminals of which are countersunk in and engaged with the door frame, while the portion of the strap mid-way said ends is flexed into engagement as indicated at 17 and looped as indicated at 18 to receive the catch 10.

In use of this device, it is preferable that a recess be formed in the door frame to receive the bearing member 6, containing the catch 10. The staple 13 is secured to the door jamb at a point where it will lie in the path of the hasp 12. The door may be opened by exerting pressure upon the handle 15 on one side of the door, or by raising up the portion 11 of the catch on the opposite side of the door. Various changes may be made in the device within the scope of the appended claim.

What is claimed is:

In combination with a door and door jamb, the latter carrying a staple, a catch including a T-shaped bearing member, the shank of which is mounted in the frame of the door and the head thereof countersunk in the margin of said door frame, a wire strand extended through said shank having one end thereof formed to provide a hasp for engagement with said staple and the opposite end formed to provide a handle by which the hasp may be disengaged from the staple.

In testimony whereof I affix my signature in presence of two witnesses.

SUSIE HEBERLING.

Witnesses:

J. A. CORDTS,
A. H. ONSEEN.