Feb. 4, 1936. D. JONES 2,029,569

SASH LOCK AND HOLDER

Filed Dec. 17, 1934

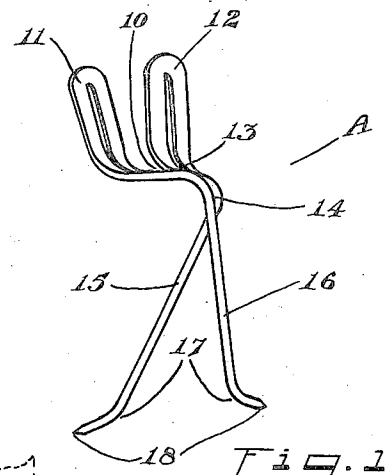


Fig. 1.

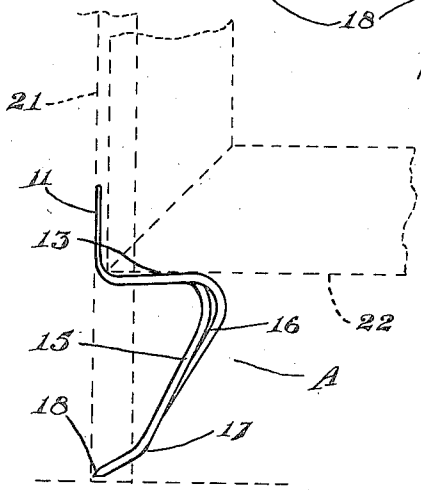


Fig. 3.

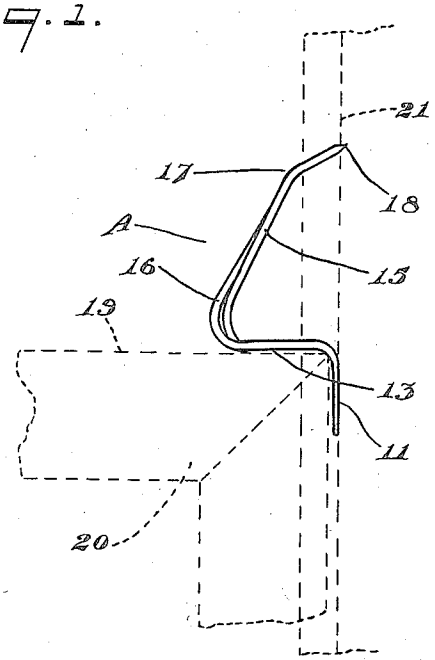


Fig. 2.

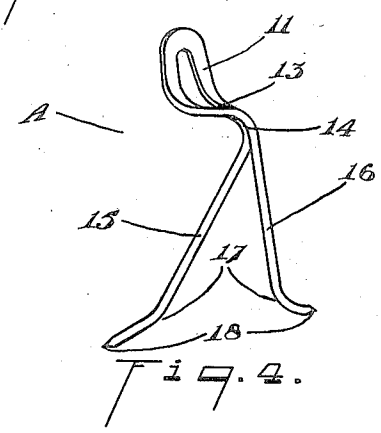


Fig. 4.

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SASH LOCK AND HOLDER

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Application December 17, 1934, Serial No. 757,810

3 Claims. (Cl. 292—343)

This invention relates to window sash locks and holders generally and more particularly to a device of this character adapted to lock or fasten a window sash and reversible to perform the functions of a sash holder.

One object of the invention is to provide a simple, durable and detachable device for locking or supporting, as required, a window sash, and which when used as a sash lock will prevent rattling of the sash.

Another object is to combine in one a window sash lock and holder which can be manufactured and placed on the market at very low cost, and which will more efficiently perform the functions required of it.

With the foregoing and other objects hereinafter more fully referred to, the invention comprises a length of suitable material bent to form a substantially L-shaped portion at one end having integral therewith a pair of suitably bent legs provided with piercing tips.

The invention will be best understood by reference to the following description when taken in connection with the accompanying illustrations of specific embodiments thereof, while the scope of the invention will be more particularly pointed out in the claims.

Reference is now had to the drawing and to the examples of the invention disclosed therein solely for illustrative purposes.

In the drawing in which like numerals of reference indicate corresponding parts in each figure:

Fig. 1 is a perspective view of the device in position as a window sash holder.

Fig. 2 is a side elevation of the device in position as a sash lock or fastener.

Fig. 3 is a side elevation of the device as a sash holder.

Fig. 4 is a perspective view of a slightly modified form of the device.

Referring now more particularly to the drawing, A designates the device as a whole comprising, in the example here shown, a single piece of spring wire bent on itself to form the horizontally extending loop 10, and further bent and fashioned to define the upwardly extending spaced arms 11 and 12, and co-operating with the loop 10, the horizontally extending portion or head 13, and again bent to define the downwardly extending front legs or prongs 15 and 16, which may be crossed at 14, and which are bent adjacent their extremities, as at 17, and further provided with piercing tips 18.

In operation and when used as a sash lock the arms or back 11 and 12 are inserted between the top 19 of the window sash 20 and the frame 21 of the window (see Fig. 2), the legs 15 and 16 extending upwardly and the pointed tips thereof piercing the window frame 21, while the horizontally extending portion 13 co-operating with the arms 11 and 12 clamps the top and side of the window sash so that any pressure upwardly will cause the legs or prongs 15 and 16 to become embedded in the window frame and lock the same, while the spaced arms 11 and 12 will fit each side of the rope or chain supporting the counter weight for the sash.

When used as a sash holder the device is reversed the arms 11 and 12 are again inserted between the bottom 22 of the window sash and the frame 21, while the legs or prongs 15 and 16 extending downwardly engage with the frame to support the raised window sash seated on the extending portion 13.

In both cases the legs 11 and 12 of the horizontal head or seat portion 13 when inserted between the window frame and the window sash act to prevent rattling of the sash while retaining it in locked-closed or open-raised position.

It will be noted, as shown in Fig. 4, that a single arm or back for the head 13 may be used instead of the two arms 11 and 12, also that the bent material is hammered to provide the flat back portion 11 for insertion between the frame of the window and the sash, and that, as will readily be understood, this portion may vary in thickness according to the space between the frame and the sash, and thus more efficiently prevent rattling of the sash.

To place the device in position it is only necessary to compress the lower ends of the front legs 15 and 16 and then insert the back portion 11 between the frame and the sash, when the pressure of the window upwardly or downwardly will automatically establish the detachable device securely and fixedly in position until removed by hand.

With this device the window frame and the sash, as compared with devices of the kind heretofore in use, remains practically without blemish or mark of any kind, the pin holes made by the piercing tips of the legs being practically negligible.

So far as I am aware I appear to be the first to have conceived and provided a reversible device adapted to be used as a sash lock or a window holder manufactured from a single length of suitable spring material.

Various changes may be made in the construction and arrangement of the invention above set

forth without departing from the real purpose and spirit thereof, and it is the intention to cover by the following claims any modified forms of structure or use of equivalents which may be reasonably included within their scope.

What I claim for my invention is:

1. A reversible device of the character described comprising a single piece of suitable material bent on itself to form a horizontally extending head portion, upwardly extending spaced arms integral with the head, and downwardly extending crossed legs integral with said head.

2. A reversible device comprising a piece of suitable spring material bent to form a horizontally extending portion and an upwardly extending flat portion co-operative therewith, crossed legs integral with the horizontal portion and formed with piercing tips.

3. A combined sash lock and holder comprising a single length of suitable material bent to form a horizontally extending loop, and further bent to form at least one arm extending upwardly from the loop and horizontally extended to co-operate with said loop to form a substantially L-shaped head having integral therewith suitably bent legs provided with piercing tips.

DAVID JONES.