(No Model.)

G. H. LASAR.

SASH FASTENER.

No. 456,996. Patented Aug. 4, 1891.

Fig. I.

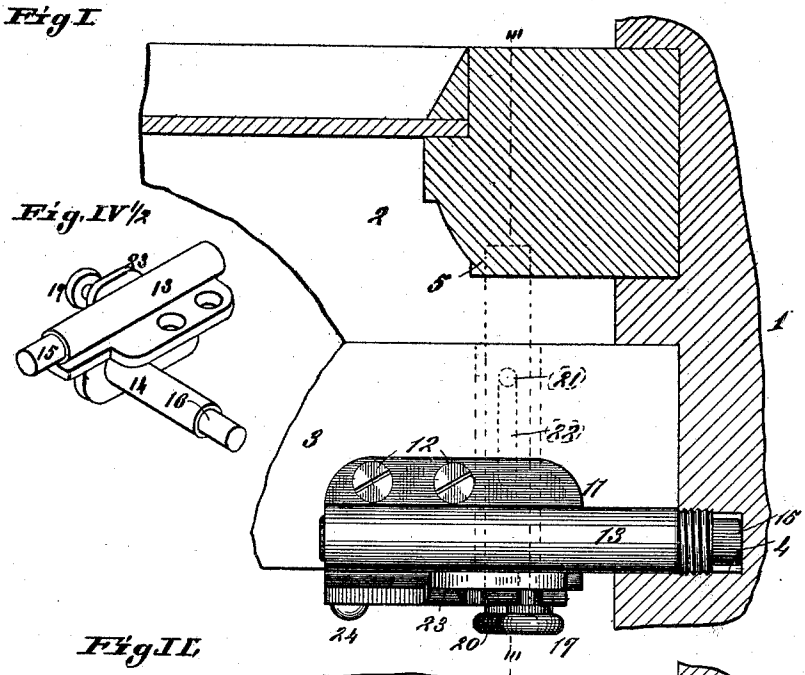


Fig. IV½.

Fig. II.

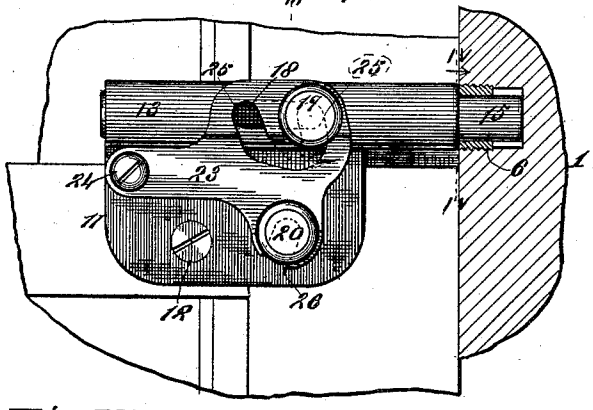


Fig. III.

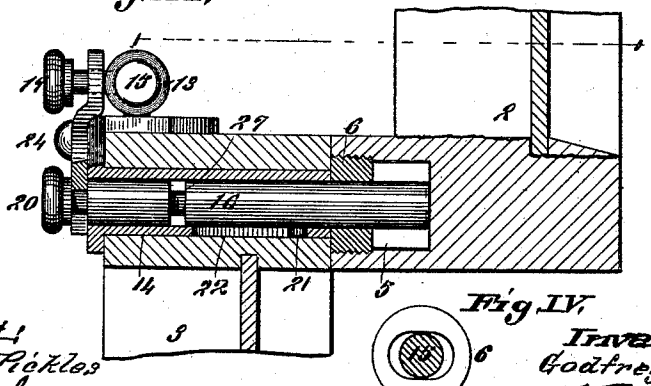


Fig. IV.

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UNITED STATES PATENT OFFICE.

GODFREY H. LASAR, OF ST. LOUIS, MISSOURI.

SASH-FASTENER.

SPECIFICATION forming part of Letters Patent No. 456,996, dated August 4, 1891.

Application filed July 9, 1890. Serial No. 358,166. (No model.)

To all whom it may concern:

Be it known that I, GODFREY H. LASAR, of the city of St. Louis, in the State of Missouri, have invented a certain new and useful Improvement in Window-Locks, of which the following is a full, clear, and exact description, reference being had to the accompanying drawings, forming part of this specification.

My invention relates to an improved device for holding both the upper and lower sash of a window at any desired elevation, either individually or relatively to each other; and my invention consists in features of novelty hereinafter fully described, and pointed out in the claims.

Figure I is a horizontal section taken through the upper sash of a window on line I I, Fig. III, the lower sash and my improved lock being shown in top view. Fig. II is an elevation. Fig. III is a vertical section taken on line III III, Fig. I. Fig. IV is a section taken on line IV IV, Fig. II, and looking in the direction of the arrow. Fig. IV½ is a perspective view of my improved lock, made on a smaller scale than as shown in Figs. I to III, inclusive.

Referring to the drawings, 1 represents part of the frame of a window, 2 the upper sash, and 3 the lower sash. The frame 1 is provided with a number of holes or perforations 4 to receive one of the bolts of the lock, and one of the side rails of the upper sash is provided with a number of perforations or holes 5 to receive the other bolt of the lock. In the holes may be inserted a bushing 6, such as is shown in Figs. II, III, and IV.

11 represents a bracket having flanges extending at right angles to each other and which are adapted to fit on the top or meeting rail of the lower sash and to be secured thereto by screws 12 or other suitable means. Formed integral with this bracket are sleeves 13 and 14 and which receive locking-bolts 15 and 16. The bolt 15 is adapted to fit in the openings 4 to lock the lower sash in any desired position. It is moved in or out to engage or disengage the holes 4 by means of a projecting stem 17, which fits and works in a slot 18 in the sleeve 13. The bolt 16 is adapted to fit in the holes 5, and it is provided with a stem 20, by which it is moved in or out to engage it and disengage it from the holes. It is limited in its movement by a projection 21, fitting in a slot 22 in the sleeve 14.

My preferred means for holding the bolts in their respective positions is a plate 23, pivoted at 24 to the bracket 11, and which is provided with two recesses 25, one of which is adapted to receive the stem 17 when the bolt 15 is in its outer position and the other of which is adapted to receive the stem 17 when the bolt is in its inner position, the bolt thus being locked in either of its positions. The plate is further provided with a notch 26, adapted to fit over the stem 20 of the bolt 16 and hold the bolt in its inner position, and also adapted to fit over the reduced portion 27 of the bolt 16 to hold the bolt in its outer position. It will thus be seen that the bolt 15 can be held either in its closed position or in its open position by the plate 23 regardless of the position of the bolt 16, and vice versa, so that either bolt may be held in its inner or using position whether the other bolt is in using or in non-using position, and thus I am enabled by the use of one lock or bolt and one bracket to hold either of the bolts in either of their respective positions, and consequently am able to lock either sash in any of its positions or to leave either sash unlocked while the other is locked, or to leave them both locked or both unlocked. By a lock thus formed it may be cheaply produced and is strong and durable, being made, so far as the bracket and the sleeves are concerned, of one piece of metal, and so far as all the parts are concerned being so permanently connected together that neither is allowed to be disconnected from the other and the liability of loss of any one of the parts is thus avoided.

I claim as my invention—

1. In a window-lock, the combination of a bracket, housings formed integral with the bracket, bolts fitting in the housings, and a movable plate adapted to engage the bolts to hold them in either position, both in or both out or one in and the other out, substantially as set forth.

2. In a window-lock, the combination of a bracket, housings on the bracket, bolts fitting in the housings, and a pivoted plate having notches adapted to engage the bolts to hold

them in either position, both in or both out or one in and the other out, substantially as set forth.

3. In a window-lock, the combination of a bracket having sleeves or housings formed integral therewith, bolts working in the sleeves, and one of said sleeves fitting in a hole in the sash provided for that purpose to more securely hold the bracket to the sash, substantially as shown.

GODFREY H. LASAR.

In presence of—
A. M. EBERSOLE,
BENJN. A. KNIGHT.