No. 629,613. Patented July 25, 1899.

A. ROSENKRANZ.

SASH LOCK.

(Application filed Feb. 24, 1899.)

(No Model.)

Fig. 1.

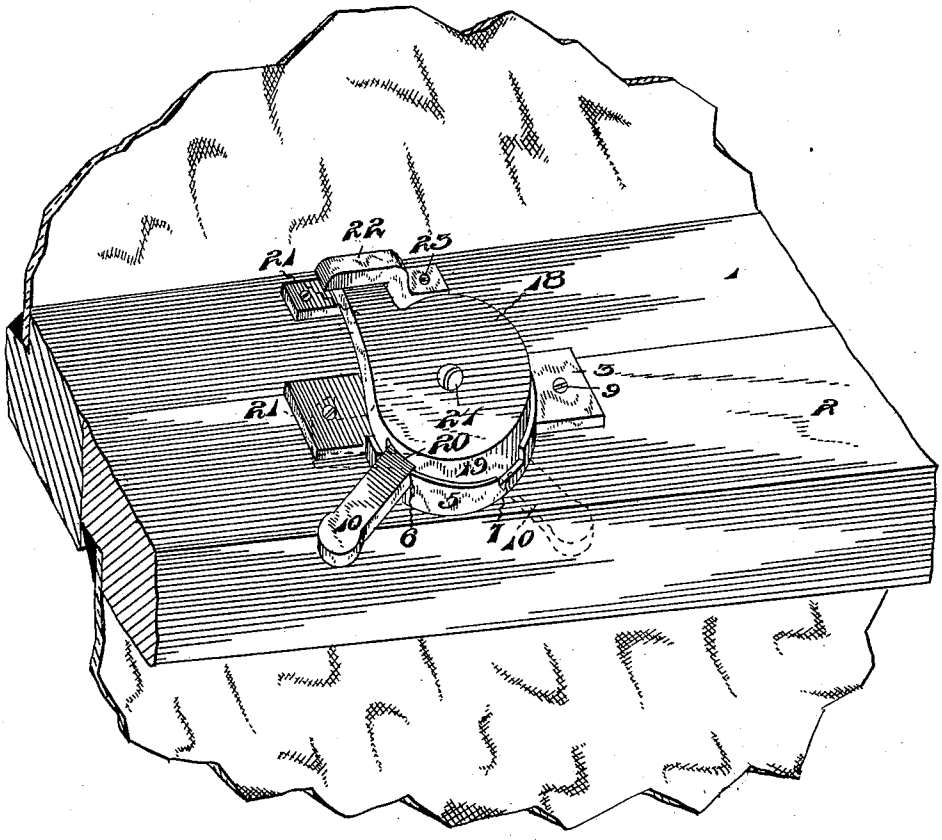


Fig. 2.

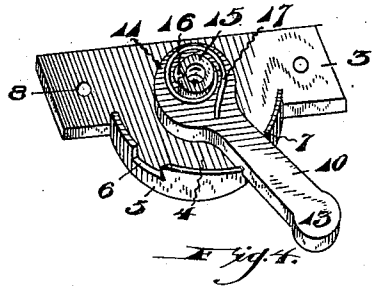


Fig. 3.

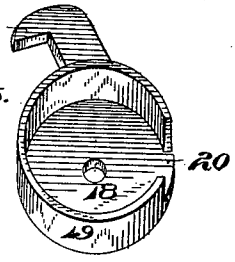


Fig. 4.

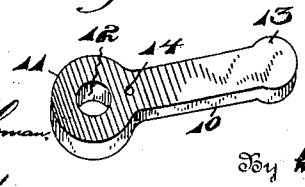
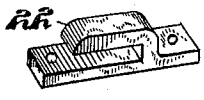


Fig. 5.



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ADAM ROSENKRANZ, OF ALLEGHENY, PENNSYLVANIA.

SASH-LOCK.

SPECIFICATION forming part of Letters Patent No. 629,613, dated July 25, 1899.

Application filed February 24, 1899. Serial No. 706,689. (No model.)

To all whom it may concern:

Be it known that I, ADAM ROSENKRANZ, a citizen of the United States of America, residing at Allegheny, in the county of Allegheny and State of Pennsylvania, have invented certain new and useful Improvements in Window-Sash Locks, of which the following is a specification, reference being had therein to the accompanying drawings.

My invention relates to certain new and useful improvements in sash-fasteners.

The object of my invention is to construct a sash-fastener of this character with a spring-actuated releasing-arm, so that when it is desired to release the locking-lug from engagement with its catch to raise the window all that will be necessary will be to elevate the releasing-arm. The locking-lug is then instantaneously brought out of engagement with the catch.

My invention finally consists in the novel combination and arrangement of parts hereinafter more fully described, and particularly pointed out in the claim.

In describing the invention in detail reference is had to the accompanying drawings, forming a part of this specification, wherein like numerals of reference indicate corresponding parts throughout the several views thereof, and in which—

Figure 1 is a perspective view of my improved sash-fastener in position, showing in dotted lines the position of the locking-lug and releasing-arm when not in use. Fig. 2 is a perspective view of the releasing-arm in an inoperative position. Fig. 3 is an inverted perspective view of the locking-lug. Fig. 4 is a perspective view of the releasing-arm. Fig. 5 is a perspective view of the catch.

Referring to the drawings by reference-numerals, 1 indicates a portion of an outer window-sash, and 2 a portion of an inner window-sash, upon which is mounted my improved sash-fastener.

3 indicates a base or supporting-plate having a semicircular extension 4, which is provided with an upwardly-extending flange 5, formed integral therewith. This upwardly-extending flange or collar is cut away, as at 6 7, forming stops or lugs for the releasing-arm. The plate or base 3 is provided with a pair of screw-holes 8 to receive the fastening-screws 9 for securing the same in position to the sash.

The releasing-arm consists of an elongated strip of metal 10, of a suitable width, having its inner end enlarged, as at 11, and this enlarged end is provided with an aperture 12. The outer end of the releasing-arm is somewhat enlarged, as at 13, but of less diameter than the enlarged end 11. The upper face of the releasing-arm is provided with a recess 14.

The base or plate 3 is provided with an upwardly-extending sleeve 15, which is interiorly screw-threaded and of less diameter than the aperture 12, arranged in the enlarged end of the releasing-arm. This sleeve is adapted to support the releasing-arm in position by the insertion of the sleeve through the aperture 12.

16 indicates a notch or recess formed on the periphery of the sleeve, which is adapted to receive the one end of the spring 17 which is wound around the sleeve, as shown, and the opposite end of this spring is inserted or secured into the recess 14, formed in the releasing-arm.

18 indicates a disk having a downwardly-extending collar 19 formed integral therewith, which is cut away, as at 20, forming an opening or recess which registers with the recesses or stops 6 7. This downwardly-extending collar 19 operates within the upwardly-extending collar or flange 5. Formed integral with the one side of the disk 18 is the locking-lug 21, which is substantially L-shaped, as shown. This locking-lug 21 is adapted to be secured in the catch 22, the catch 22 being suitably connected to the sash 1 by any desirable fastening means, as at 23. The disk 18 is revolubly connected to the upwardly-extending sleeve 15 by means of the screw 24.

The operation of my improved sash-fastener is as follows: Assuming that the parts are in the position as shown in Fig. 1, the releasing-arm is elevated to the recess or cut-away portion 20 of the collar 19. The action of the spring will force the releasing-arm to the position shown in dotted lines in Fig. 1, thereby bringing the locking-lug out of engagement with the catch. (Also shown in dotted lines in Fig. 1.) The releasing-arm as it is

moved by the action of the spring will travel on the edge of the flange or collar 5 until it reaches the recess or stop 7, when it enters the same and prevents further movement of the arm. When it is desired to bring the locking-lug into engagement with the catch, the releasing-arm is elevated and brought to the position as shown in Fig. 1.

Having thus fully described my invention, what I claim as new, and desire to secure by Letters Patent, is—

In a sash-fastener, a base or plate provided with a semicircular extension, an upwardly-extending flange formed integral with the said extension, a spring-actuated releasing-arm connected to the said base or plate, a concentric disk formed with a downwardly-extending collar pivotally secured to the base or plate provided with a notch or recess, a locking-lug formed integral with the said disk, a catch adapted to be engaged by the said locking-lug when operated by the releasing-arm, and the said flange formed with a pair of notches or recesses adapted to register with the notch or recess in the collar to receive the releasing-arm for limiting its movement, substantially as set forth.

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

ADAM ROSENKRANZ.

Witnesses:
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