

G. JAYME.
SASH LOCK.

APPLICATION FILED JUNE 26, 1908.

908,996.

Patented Jan. 5, 1909.

FIG. 1

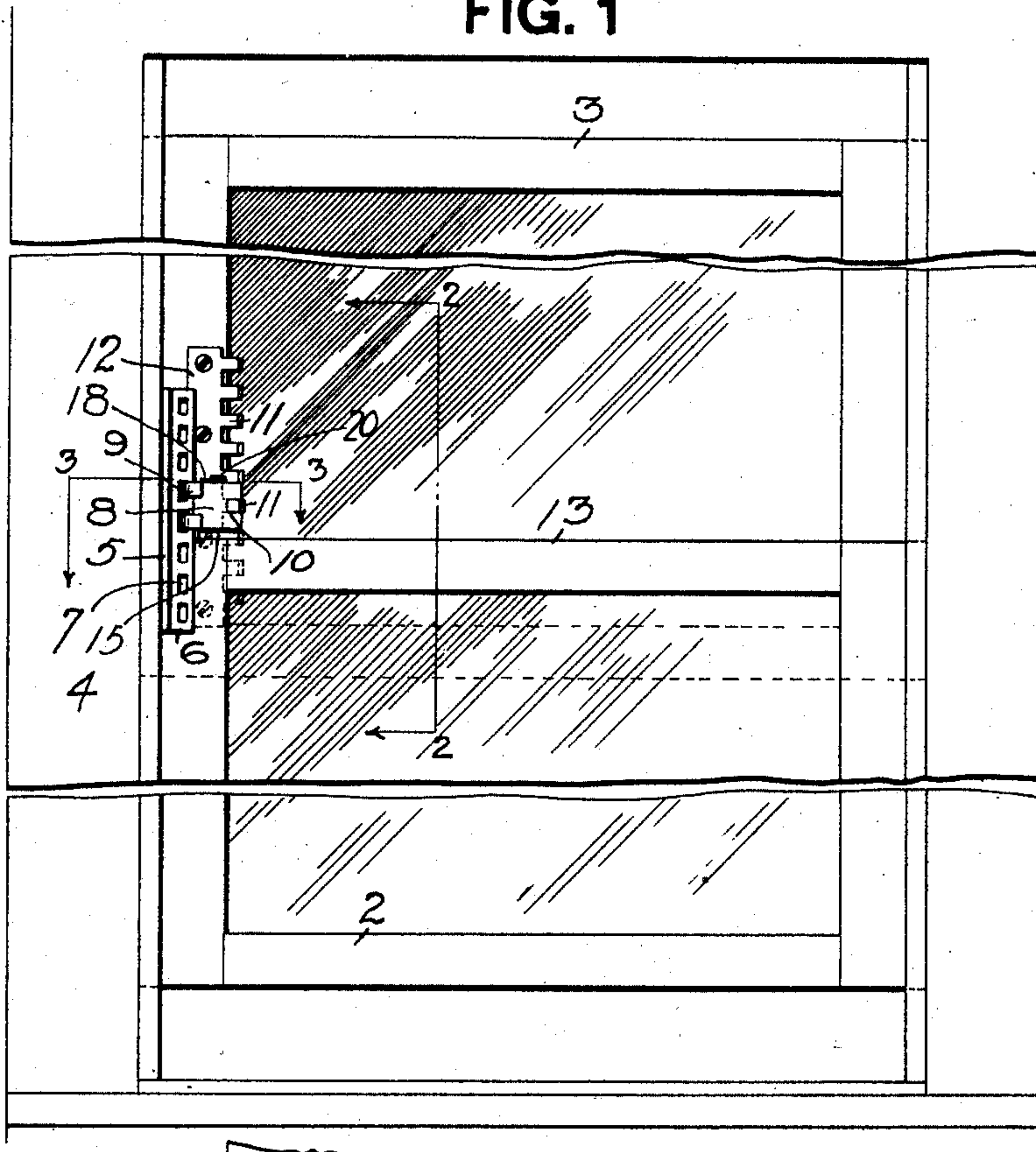
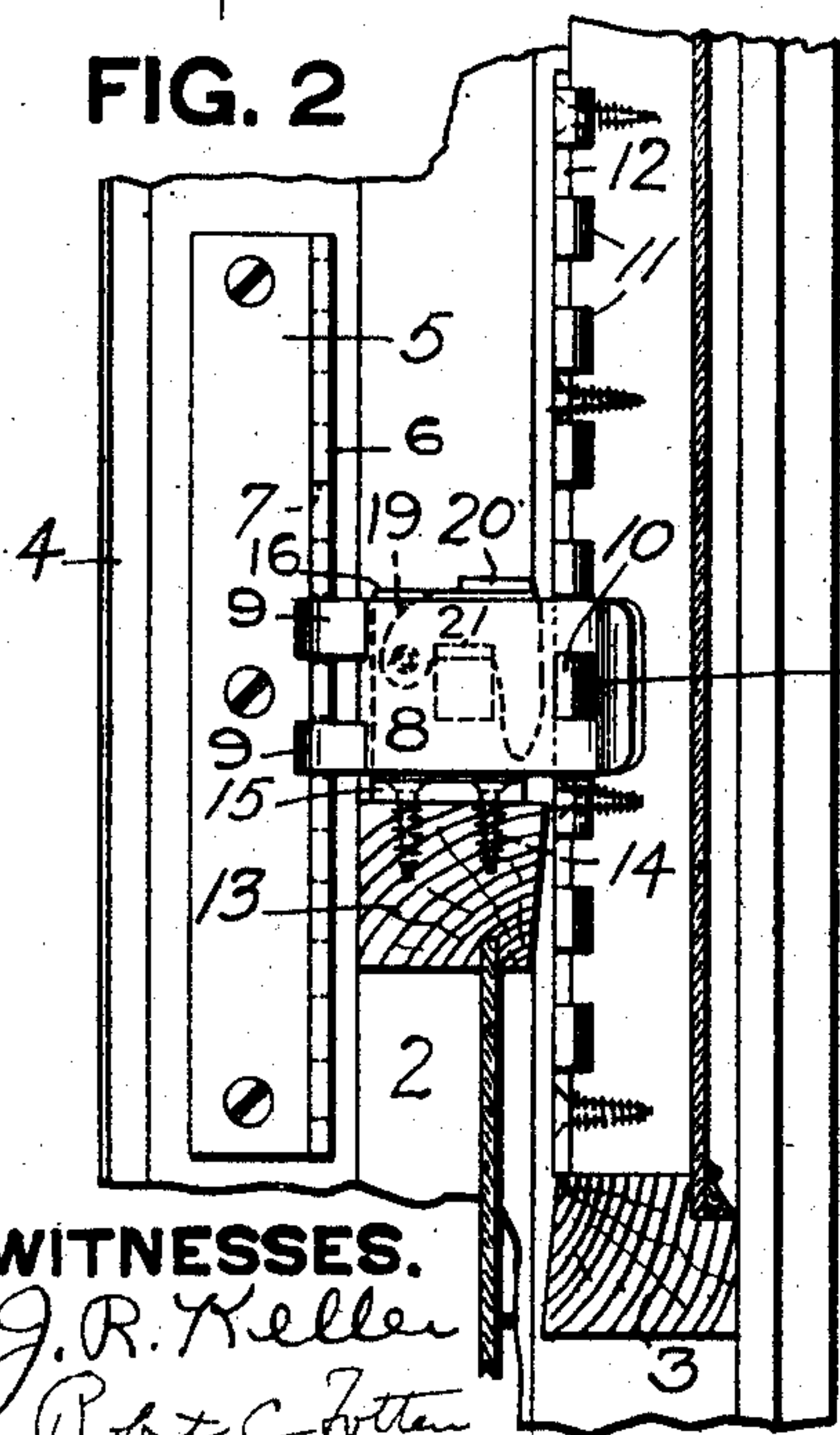


FIG. 2



WITNESSES.

J. R. Keller
Robert C. Zottner

FIG. 3

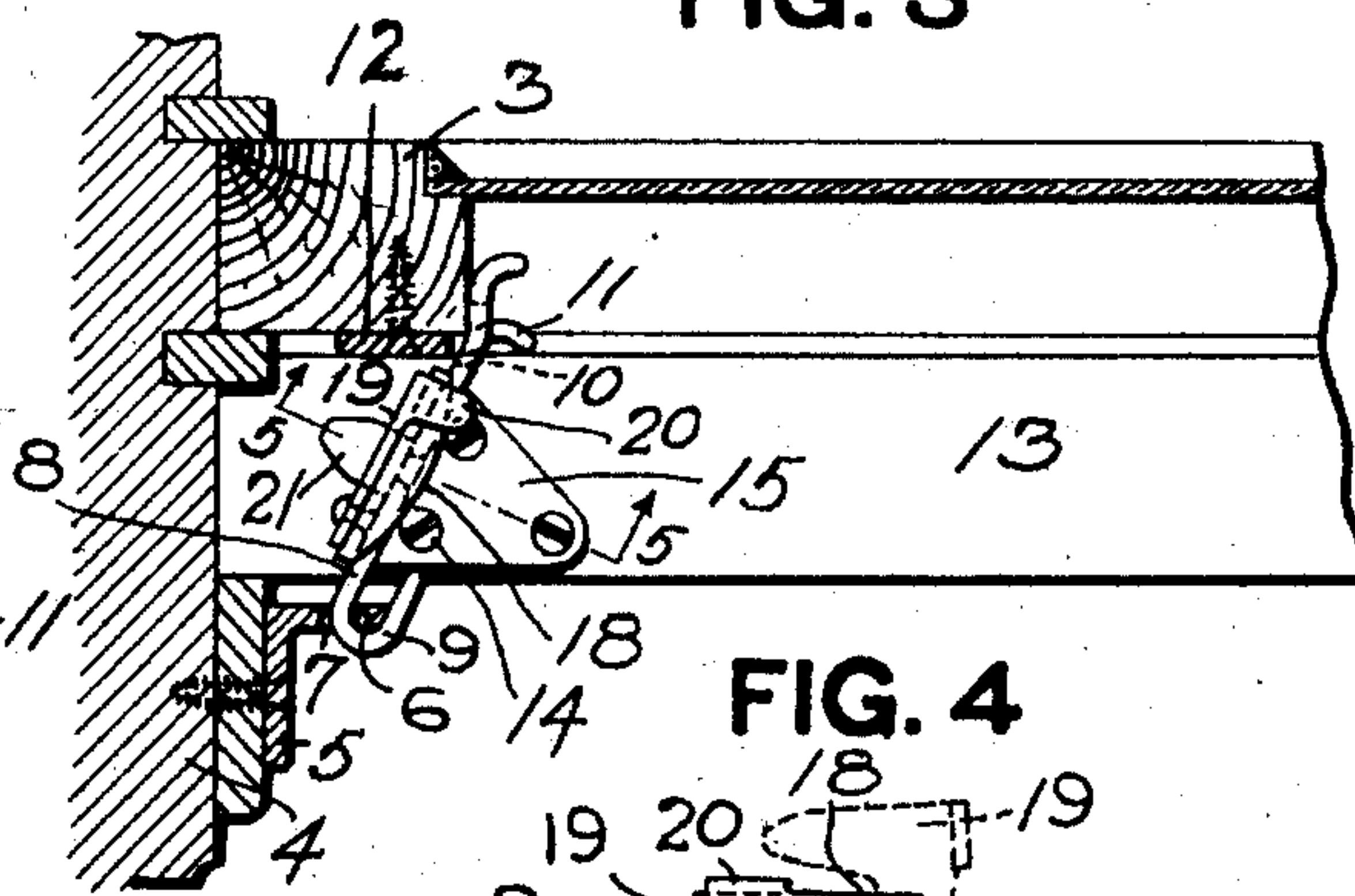


FIG. 4

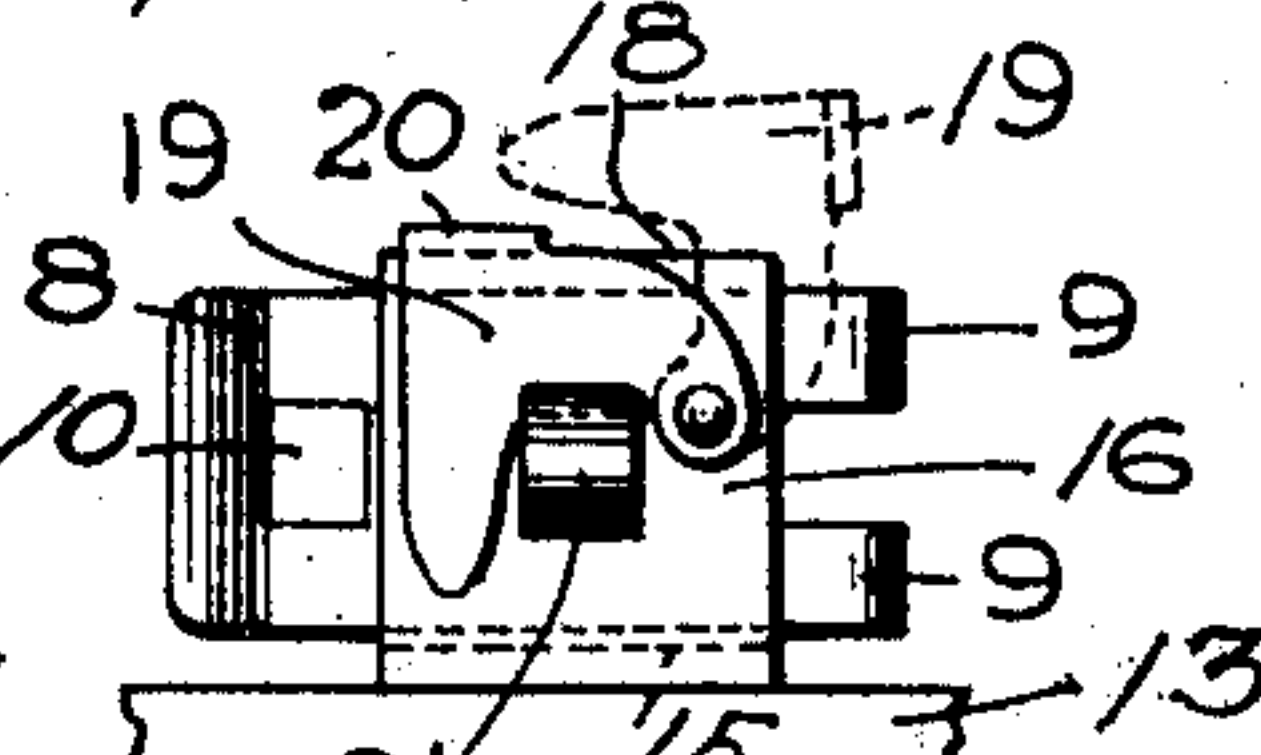
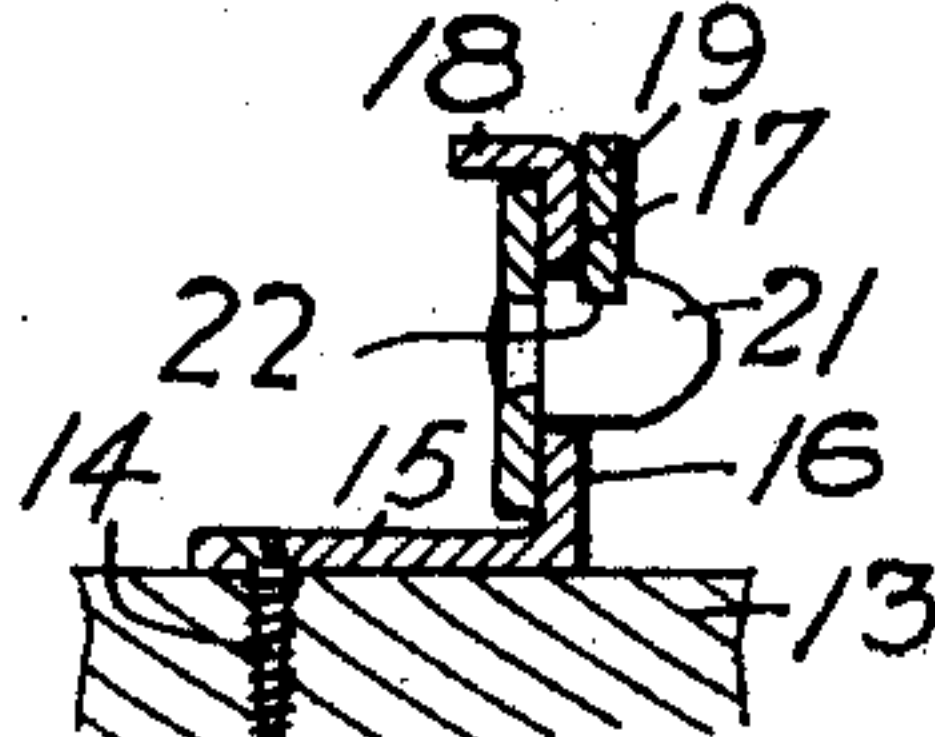


FIG. 5



INVENTOR.

George Jayme
By Ray & Zottner
attorneys

UNITED STATES PATENT OFFICE.

GEORGE JAYME, OF PITTSBURG, PENNSYLVANIA.

SASH-LOCK.

No. 908,996.

Specification of Letters Patent.

Patented Jan. 5, 1909.

Application filed June 26, 1908. Serial No. 440,514.

To all whom it may concern:

Be it known that I, GEORGE JAYME, a resident of Pittsburg, in the county of Allegheny and State of Pennsylvania, have invented a new and useful Improvement in Sash-Locks; and I do hereby declare the following to be a full, clear, and exact description thereof.

My invention relates to locks, and more especially to a lock for a window sash.

The object of my invention is to provide a lock by means of which the upper or lower sash of a window when lowered or raised for the purpose of giving ventilation may be securely locked at the position at which they have been adjusted.

To these ends my invention comprises, generally stated, a swinging member or plate secured to the window frame and adapted to engage the upper sash, said swinging member passing over the upper end of the lower sash and means for locking said swinging member to the lower sash, all as fully hereinafter set forth and claimed.

In the drawings Figure 1 is a front view of a window showing my invention applied thereto; Fig. 2 is an enlarged vertical section on the line 2—2, Fig. 1; Fig. 3 is an enlarged horizontal section on the line 3—3, Fig. 1; Fig. 4 is a rear view of my invention; and Fig. 5 is a section on the line 5—5, Fig. 3.

In the drawing the numeral 2 designates the lower sash of a window and 3 the upper sash. Secured to the molding 4 of the window frame is the strip 5 which has the inwardly projecting flange 6 with the openings 7 formed therein. This strip 5 may be of any suitable length according to the height at which it is desired to raise and lock the lower sash as will more fully hereinafter appear. A swinging member or plate 8 has the hooks 9 formed at one end thereof which are adapted to enter the openings 7 in the flange 6. These hooks are so arranged as to be conveniently and readily inserted and withdrawn from the openings 7 when the said swinging member is not locked but when said member is locked in position it is impossible to release the hooks 9 from the flange 6. The swinging member 8 has the opening 10 at its outer end which is adapted to engage one of the projections 11 of the locking strip 12. These projections 11 are formed on the order of a hook as illustrated. Secured to the upper rail 13 of the lower sash by means of the screws 14 is the locking

plate 15. This locking plate 15 has the vertical plate 16 with the slot 17 formed therein. At the upper end of the plate 16 is the overhanging lip 18. Pivoted to the plate 16 is the latch 19. This latch 19 has the outwardly projecting lug 20 in convenient position to be lifted by the hand of the operator to throw the latch out of engagement with the swinging member 8. The swinging member 8 has on its inner face the tapering lug 21, said lug having the groove or seat 22 formed therein to receive the latch 19.

Where my improved lock is in use in connection with a window and it is desired to lower the upper sash for purposes of ventilation the latch 19 is swung back to release the swinging member 8, whereupon said swinging member is grasped at its outer end and is swung out of engagement with one of the hooks 11 of the strip 12 and at the same time the lug 21 is withdrawn from the slot 17 of the locking plate. As soon as the swinging member 8 has been disengaged from the hook 11 the upper sash is free to be lowered and when lowered the desired amount the swinging member 8 is swung back into engagement with the hook 11 which has been lowered in position to receive the swinging member 8. The swinging member having been moved into engagement with the hook 11 the lug 21 also has passed through the slot 17 and the latch 19 is then thrown down to lock the swinging member in position and prevent its withdrawal from the hook 11. In this manner the upper sash is locked securely in place against further movement until the swinging member being locked to the locking plate 15 prevents the lower sash from being raised and as a consequence ventilation may be obtained from the upper sash while at the same time there can be no danger of the lower sash being raised. It is apparent that the upper sash may be adjusted at any desired height, according to the length of the strip 12 and the number of hooks 11 carried thereby.

In case it is desired to raise the lower sash and lock said sash at a certain height the swinging member 8 is released from the locking plate and swung out in position so that the said swinging member may be released from the flange 6 of the strip 5. The hooks 9 of the swinging member 8 are inserted in openings higher up in the strip 5. The lower sash is then raised until the locking plate is in position to be engaged by the

swinging member 8, whereupon said swinging member is moved around to engage the locking plate with its lug 21 passing through the slot 17 in said locking plate. The latch 5 19 is then lowered to lock said swinging member in place. The outer end of the swinging member also engages one of the hooks 11 of the strip 12, so that the upper sash is locked securely in place while at the same time it is 10 impossible to raise the lower sash to a higher point.

If desired the upper sash may be lowered and locked in position at the same time that the lower sash is locked in its raised position, 15 thereby providing ventilation not only at the top but at the bottom of the window, while at the same time both the upper and lower sashes are locked against further movement.

By my invention I provide a lock by 20 means of which ventilation may be secured from the lowering of the upper or lower sash or both, and at the same time the sashes so locked as to be proof against entrance by a person from without, thereby insuring protection 25 against burglars, while at the same time proper ventilation is obtained. The parts may be made of rolled steel of proper strength to insure against breakage of the parts. The device is of simple character, 30 requiring but few parts and is not liable to get out of order.

What I claim is:—

1. In a lock for a window or like device, the combination of a swinging member secured 35 to the stationary framework, said swinging member extending over the lower sash, means for securing said swinging member to the upper sash at different points, and means for locking said member to said lower 40 sash.

2. In a lock for a window or like device, the

combination of a swinging member connected to a permanent framework, and extending over the lower sash, means for connecting 45 said swinging member to the upper sash, and a lock carried by the lower sash, adapted to secure said swinging member to said lower sash.

3. In a lock for a window or like device, the combination of a swinging member connected 50 to a stationary framework, said swinging member extending over the lower sash, means for connecting said swinging member to the upper sash, a locking plate on said lower sash, said locking plate having an 55 opening therein, a projection on said swinging member entering said opening, and a latch on said locking plate adapted to engage said projection.

4. In a lock for a window or like device, 60 the combination of a swinging member, a metal strip attached to the framework, said swinging member being connected to said strip and freely releasable therefrom, said swinging member extending over the lower 65 sash, and means for connecting said swinging member to the upper sash.

5. In a lock for a window or like device, the combination of a swinging member, a metal strip on the frame having a plurality 70 of openings therein, a hook portion on said swinging member adapted to enter said openings, said swinging member extending over the lower sash, and means for connecting 75 said swinging member to the upper sash.

In testimony whereof, I the said GEORGE JAYME have hereunto set my hand.

GEORGE JAYME.

Witnesses:

ROBERT C. TOTTEN,
J. R. KELLER.