

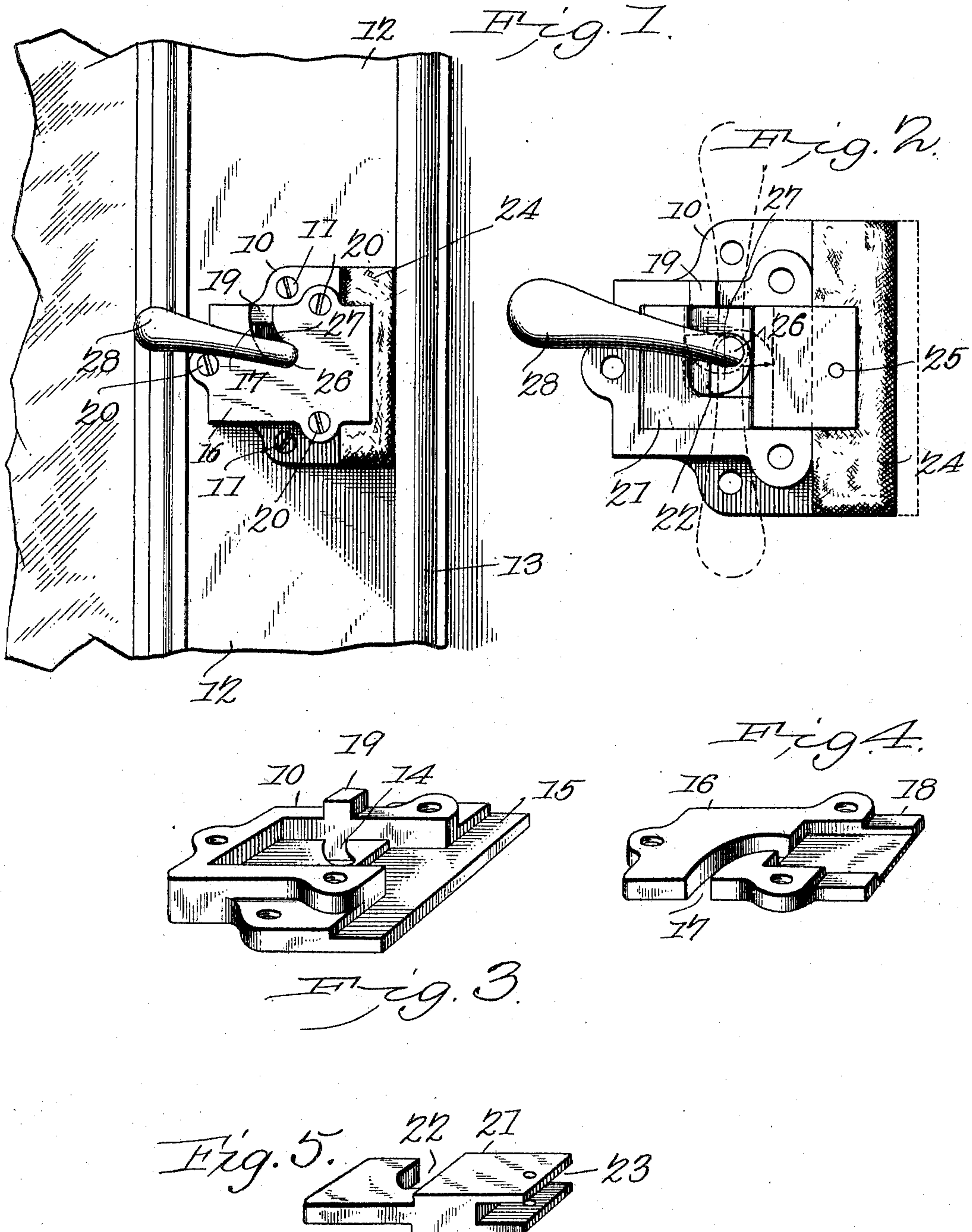
No. 759,847.

PATENTED MAY 17, 1904.

J. M. BAILEY.
SASH HOLDER.

APPLICATION FILED SEPT. 28, 1903.

NO MODEL.



Witnesses
E. F. Stewart
C. H. Woodward.

J. M. Bailey
Inventor
by *C. A. Snow & Co.*
Attorneys

UNITED STATES PATENT OFFICE.

JOSEPH M. BAILEY, OF OTTO, TEXAS.

SASH-HOLDER.

SPECIFICATION forming part of Letters Patent No. 759,847, dated May 17, 1904.

Application filed September 28, 1903. Serial No. 174,987. (No model.)

To all whom it may concern:

Be it known that I, JOSEPH M. BAILEY, a citizen of the United States, residing at Otto, in the county of Falls and State of Texas, have invented a new and useful Sash-Holder, of which the following is a specification.

This invention relates to sash-holders of the class wherein the sash are supported at any desired point by friction alone, and has for its object to improve and simplify devices of this character and produce a simply-constructed and easily applied and operated attachment which will not mar or deface the window frame or sash; and the invention consists in certain novel features of construction, as hereinafter shown and described, and specified in the claims.

In the drawings illustrative of the invention, in which corresponding parts are denoted by like designating characters, Figure 1 is a front elevation of the device applied. Fig. 2 is a view enlarged with the cover member detached. Fig. 3 is a perspective view of the base-frame. Fig. 4 is an inverted perspective view of the cover member detached. Fig. 5 is a detached perspective view of the bolt.

The improved device comprises a casing or frame 10 for attachment to the sash or frame of the window, as shown in Fig. 1, wherein the frame is shown attached, as by screws 11, to the sash member (represented at 12) adjacent to the stop or frame 13.

The frame 10 is formed hollow and provided with a curved recess 14 in its rear wall and with a transverse half socket or recess 15 in the end next the stop 13, as shown.

The cover member is represented at 16 and is provided with a curved aperture 17, corresponding to the recess 14 in the base member 10, and with a reversely-disposed opposing half socket or recess 18, corresponding to the half recess or socket 15 when the cover is positioned upon the base member, as in Figs. 1 and 3.

The base member 10 is provided with a lug 19 for engagement with the outer open end of the aperture 17 when the cover member is in position upon the base member, as shown, to provide a "filling" for the unused portion of the aperture.

The cover member will be attached to the base member, as by screws or rivets 20.

Slidably disposed in the base member 10 and held in position by the cover member is a bolt 21, having an intermediate cam-aperture 22 and a transverse recess 23 in its outer end, in which a plate 24, of rubber or similar yielding material, is supported, as by a rivet 25, and extending laterally into the socket portions 15 18, as shown.

Journaled in the recess 14 and cavity 17 is a shaft 26, having a cam 27, operating in the cam-aperture 22, and with an external operating handle or lever 28, as shown. By this simple arrangement it will be obvious that when the handle-lever is turned into one position the cam 27 will withdraw the bolt 21 and hold the rubber clamp-plate 24 away from the stop 13 and leave the sash free to be moved, and then by reversing the position of the shaft and its cam by throwing the lever-handle over the bolt will be propelled and the yieldable rubber clamp pressed forcibly against the stop and hold the sash firmly locked in position. The pressure of the cam when closed will be sufficient to hold the heaviest sash very firmly in position, and to adapt the device to different sizes and weights of sash the sizes of the parts will be increased or decreased in proportion.

The casing and cover members will be of any desired metal and may be of any fanciful or ornamental design and when properly constructed will be an ornamental addition to the sash.

The lever-handle will preferably be of sufficient weight to hold the bolt in its open or closed position by gravity alone.

The device will not require apertures in the stop or other portion of the window structure to mar and disfigure it, but will depend wholly upon the pressure of the relatively soft rubber clamp to hold the sash, which will not mark or mar the most delicate "finish."

The cam 27 will be flat upon one side and curved upon the other side, the curved side operating to distend the bolt and force it against the window stop or casing and the flat portion to withdraw the bolt. The curved

side will impart a greater force and act more slowly, while the flat portion will impart less force and act more quickly. Thus the action will be in accordance with the requirements of the device.

Having thus described the invention, what I claim is—

1. In a sash-fastener, a base frame or casing having a curved internal recess in its rear wall and with a transverse half-socket in one end, a cover member having a curved transverse aperture corresponding to the recess in said base-frame and with a reversely-disposed half-socket corresponding to the half-socket in said base-frame, a bolt for operation in said casing beneath said cover member and having a transverse recess in one end and with an intermediate cam-recess, a shaft journaled in said curved recesses and carrying a cam operating in said cam-recess, and a clamp-plate of rubber or similar yieldable material supported in the end recess of said bolt and operating in said socket portions, substantially as described.

2. In a sash-fastener, a base frame or casing having a curved internal recess in its rear

wall and with a transverse half-socket in one end, a cover member having a curved transverse aperture corresponding to the recess in said base-frame and with a reversely-disposed half-socket corresponding to the half-socket in said base-frame, said base-frame having a projection for extension into the open end of said cover-aperture when the latter is positioned upon the base, a bolt for operation in said casing beneath said cover member and having a transverse recess in one end and with an intermediate cam-recess, a shaft journaled in said curved recesses and carrying a cam operating in said cam-recess, and a clamp-plate of rubber or similar yieldable material supported in the end recess of said bolt and operating in said socket portions, substantially as described.

In testimony that I claim the foregoing as my own I have hereto affixed my signature in the presence of two witnesses.

JOSEPH M. BAILEY.

Witnesses:

L. G. MARTIN,
M. VALLIE BRADSHAW.