

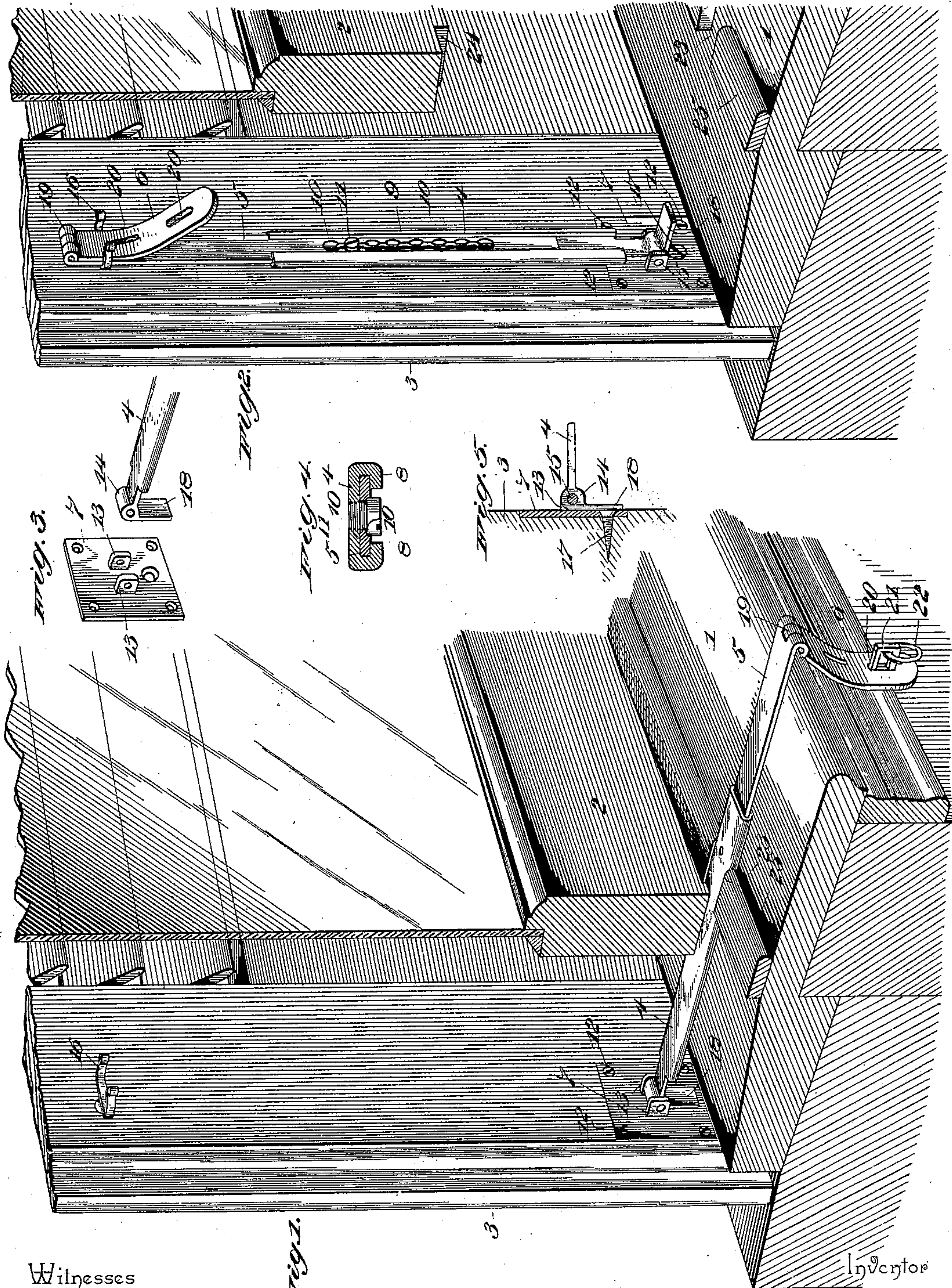
No. 618,995.

Patented Feb. 7, 1899.

E. PRAEGER.
BLIND FASTENER.

(Application filed June 25, 1898.)

(No Model.)



Witnesses

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UNITED STATES PATENT OFFICE.

EWALD PRAEGER, OF SAN ANTONIO, TEXAS.

BLIND-FASTENER.

SPECIFICATION forming part of Letters Patent No. 618,995, dated February 7, 1899.

Application filed June 25, 1898. Serial No. 684,484. (No model.)

To all whom it may concern:

Be it known that I, EWALD PRAEGER, a citizen of the United States, residing at San Antonio, in the county of Bexar and State of Texas, have invented a new and useful Blind-Fastener, of which the following is a specification.

This invention relates to blind-fasteners; and the object thereof is to provide such a device which cannot be unfastened or removed from the outside by cutting away the blind.

A further object of the invention is to permit of the window being opened to admit air to the interior of the room or house and at the same time fasten the blinds securely against the entrance of any unauthorized person, and also enables the blind to be locked whether the window be open or shut.

To these ends the present invention consists in the novel construction and arrangement of parts, as hereinafter more fully described, shown in the drawings, and particularly pointed out in the claims.

In the drawings, Figure 1 is a sectional view of a window and sill, showing the invention in perspective and locking the blind. Fig. 2 is a similar view of the device when not in use. Fig. 3 is a detail perspective view of the attaching-plate and the end of the window-sill bar detached. Fig. 4 is a transverse sectional view showing the manner of connecting the window-sill bar and the adjustable bar. Fig. 5 is a detail sectional view taken through the pivotal connection between the bar and the attaching-plate.

Corresponding parts in the several figures are denoted by like characters of reference.

Referring to the drawings, Fig. 1, the window-sill is designated by numeral 1, and 2 designates the window-sash, and 3 the window-blind, to which the invention is attached.

In carrying out the invention I provide a window-sill bar or strap 4, carrying an adjustable bar 5, having a hasp 6, pivoted or hinged to the inner end, whereby the device is locked, and an attaching-plate 7, whereby the device is attached to the blind. The window-sill bar 4 is in the form of a flat metallic strap of suitable length, having its side edges formed into curved flanges 8, which form a convenient groove to receive the adjustable

bar 5. This adjustable bar is also in the form of a flat strap and of a width to fit evenly within the groove formed by the flanged edges of the window-sill bar and be slidably mounted thereon. A longitudinal slot 9 is provided in the adjustable bar, having a series of countersunk indentations or notches 10, arranged equally on both sides of the slot and extending the full length thereof. The window-sill bar is provided with an adjusting-screw 11, having the shank thereof working in the slot 9 and the head thereof overlapping the side edges of the groove and adapted to fit within the notches 10. When the adjustable strap has been adjusted to fit the window-sill, the screw 11 is tightened, drawing the head of the screw into the notches, thereby securing the two bars firmly together. The window-sill bar is secured to the blind which closes last upon the inside and at or near the lower free edge thereof, as shown, by means of an attaching-plate 7. This plate may be of any desired shape or form and is secured to the blind by screws 12. Ears 13 are provided upon the face of the attaching-plate and are adapted to receive therebetween a lug or eye 14, provided upon the outer end of the window-sill bar and pivoted or hinged to the ears by means of a pivot-pin 15 or in any suitable manner. By this arrangement the device may be swung up alongside the blind when not in use and may be held in this position out of the way by means of a spring clip or catch 16, secured upon the inside of the blind and adapted to engage and hold the device, as shown in Fig. 2. An additional screw 17 is provided through the attaching-plate just below the ears and aligned thereunder, which is covered, when the device is locked, by means of a flange or deflected portion 18. This arrangement effectually prevents the removal of the plate from the outside of the blind, for the screws 12 may be removed by cutting slats from the blind, but the screw 17 cannot be reached, as it is firmly and completely covered by the flange 18. It will be noted that this flange also forms a stop to brace the window-sill bar when the device is in locked position.

After the device has been adjusted to fit the window-sill it is fastened or locked by means of the hasp 6, which is hinged or piv-

oted to the inner end of the adjustable bar 5, as at 19. This hasp is adapted to be swung down alongside of the inner face of the window-sill and is provided with a number of
 5 slots or openings 20, which receive a screw-eye 21, provided upon the sill. A splitspring or key-ring 22 is then placed upon the eye 21 outside of the hasp, whereby the latter is held thereon, and thus locks the device with-
 10 out the need of a key. When the fastener is not in use, the key-ring is adapted to hang upon the eye, and is thus always ready and handy for use. The screw-eye 21 is preferably rectangular in form, and the opening 20
 15 in the hasp embraces the eye, as shown in Fig. 1, and not the shank of the eye, whereby the screw-eye is prevented from being accidentally unscrewed while the device is in locked position.

20 By the construction and arrangement as herein described the device is carried by the blind and may be swung up alongside and be fastened thereto when not in use. The clip 16 is preferably arranged at a height, as shown,
 25 to engage with the hasp and prevent the same from swinging about when opening or closing the blind.

The lower edge of the window-sash is notched or recessed, as at 24, to receive the bar
 30 4 when the window is shut, and the bead 25, against which the window closes, is also notched, as at 23.

In the present invention I have provided an exceedingly simple, effective, and durable
 35 fastener which may be quickly and easily adjusted to fit any window-sill and which when locked cannot be removed or opened from the outside of the building.

The several parts of the invention are ca-
 40 pable of various changes in form, proportion, and minor details without departing from the spirit and scope or sacrificing any of the advantages thereof, and therefore I do not wish to be understood as limiting myself to the
 45 precise construction and arrangement of parts as herein described, and shown in the drawings.

Having thus described the invention, what I claim, and desire to secure by Letters Pat-
 50 ent, is—

1. In a blind-fastener, the combination with a blind, of a window-sill bar, an attaching-plate, an adjustable bar carried by the win-
 55 dowsill bar, and a hasp pivoted to the adjustable bar, whereby the device may be locked, substantially as shown and described.

2. In a blind-fastener, the combination with a blind, of a window-sill bar connected there-
 60 with and provided with side flanges forming a groove, and an adjusting-screw, an adjustable bar slidably mounted within said groove

and provided with a longitudinal slot having countersunk notches at each side thereof, the adjusting-screw being adapted to work in
 said slot and engage the notches thereof, and
 65 means for locking the adjustable bar, substantially as shown and described.

3. In a blind-fastener, the combination with a blind, of a bar connected with the blind, a
 hasp pivoted or hinged to the inner end of
 70 the bar and provided with a slot or opening, an eye secured to the inner face of the window-sill, the hasp being adapted to be swung across the inner face of the sill and receive
 the eye within the slot provided therein, and
 75 a fastening engaging the eye, substantially as shown and described.

4. In a blind-fastener, the combination with a blind, of a rod or strap having a pivot-lug
 and a flange or shoulder formed at its outer
 80 end, and provided with side flanges forming a groove, and an adjusting-screw, an attaching-plate having a pair of bearing-ears formed thereon and a screw-opening arranged at one
 side of and alined between the ears, the said
 85 pivot-lug being pivoted between and to the bearing-ears, an adjustable bar having a longitudinal slot and a hasp hinged or pivoted to the inner end thereof, the said adjusting-
 screw working in the slot of the adjustable
 90 rod and engaging the edges thereof, substantially as shown and described.

5. In a blind-fastener, the combination with a blind, of a rod having a pivot-lug formed
 at the outer end thereof, and a flange extend-
 95 ing from and below the pivot-lug, an attaching-plate having a pair of bearing-ears, and a screw-hole disposed below and on a line between the ears, the lug of the bar being piv-
 100 oted between the ears of the attaching-plate, whereby the flange or shoulder is adapted to completely cover the screw-hole when the de-
 vice is in locked position, and also form a stop for the rod, and means for locking the bar,
 105 substantially as shown and described.

6. In a blind-fastener, the combination with an attaching-plate adapted to be secured to
 the blind, and an arm pivoted upon the plate,
 of a bar adjustable with relation to the piv-
 110 oted arm and having a strap or hasp hinged to the inner end of the bar and adapted to extend down and bear against the inner face of the window-sill, whereby the blind is fast-
 ened, substantially as set forth.

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

EWALD PRAEGER.

Witnesses:

B. F. BAUGH,

C. S. ROBINSON.