

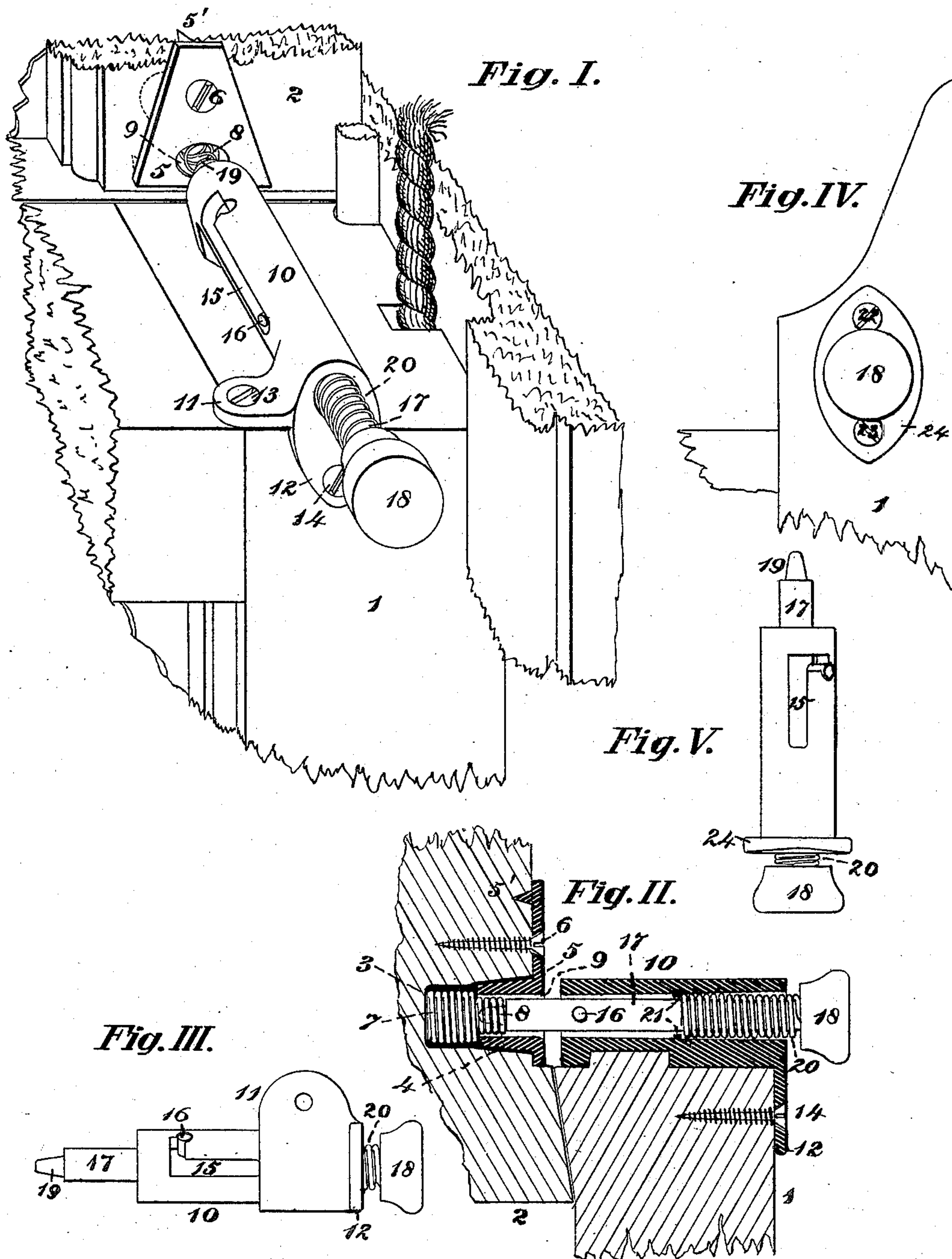
(No Model.)

B. GANTENBERG.

FASTENER FOR MEETING RAILS OF SASHES.

No. 365.679.

Patented June 28, 1887.



ATTEST:  
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ATTY'S.



# UNITED STATES PATENT OFFICE.

BERNHARD GANTENBERG, OF COVINGTON, KENTUCKY.

## FASTENER FOR MEETING-RAILS OF SASHES.

SPECIFICATION forming part of Letters Patent No. 365,679, dated June 28, 1887.

Application filed March 10, 1887. Serial No. 230,439. (No model.)

*To all whom it may concern:*

Be it known that I, BERNHARD GANTENBERG, of Covington, Kenton county, Kentucky, have invented a new and useful Improvement in Sash-Fasteners, of which the following is a specification.

My invention relates to a means for fastening to each other the lower and upper sashes, which cannot be shaken loose or tampered with from the outside, and which prevents the sashes rattling.

In the accompanying drawings, Figure I is a perspective view, which shows my sash lock or fastening in its retracted or inoperative condition. Fig. II is an axial section of the same in its protracted or locked condition. Fig. III is an under side view of the bolt, the same being shown in its protracted condition. Fig. IV is a front, and Fig. V is a top, view of my bolt-case adapted for use with sashes, the stile of whose lower member is prolonged upward above the level of the meeting-rail.

1 2 may represent portions of a lower and an upper sash, respectively. An auger-hole, 3, in the upper sash receives the boss 4 of socket 5, which is secured by spurs 5' and screws 6 to the face of the upper sash. The auger-hole 3 is excavated deep enough to receive the thicker part 7 of a helical spring, 7 8, whose contracted portion 8 occupies the bore 9 of the socket 5. In the retracted condition of the bolt the portion 8 of the said spring occupies the bore 9 throughout its length, or nearly so, as seen in Fig. I. This spring, yielding to the entering-bolt in the act of locking the fastening, becomes compressed longitudinally, as shown in Fig. II, and by its resilient force prevents the bolt being shaken loose from its locked condition, and also prevents rattling of the sashes.

10 is a cylindrical case having perforated wings 11 12 for screws 13 14, by which it is attached to the lower sash. A bayonet-slot, 15, in said case receives a stud, 16, that projects from the side of a cylindrical bolt, 17, which

has at one end a knob or handle, 18, for manipulation of the bolt, and at its other end a teat, 19, which, when the bolt is protracted, enters the part 8 of the spring 7 8, as seen in Fig. II. A helical spring, 20, whose inner end abuts against lugs 21 of the shell, operates, when the bolt is at liberty, to bring and hold it to the retracted position represented in Fig. I, and when the bolt is locked coacts with the spring 7 8 and the bayonet-slot 15 to hold the said bolt to its locked condition. (Shown in Fig. III.)

For use with the so-called "lugged" sashes whose stiles extend above the meeting-rail, as seen in Fig. IV, the shell occupies an auger-hole formed for it in the lug, to which it is attached by screws 22 23, that traverse a collar or scutcheon, 24, that projects rectangularly from the shell. An inferior, but nevertheless useful, modification of the above may consist of the described parts, with the exception of the socket-spring 7 8. By pressing knob 18, turning it to right, and then releasing, the fastening becomes self-locked. To unlock, again press knob, turn to left, and again release.

I claim as new and of my invention—

The combination, with an upper sash having a hole in one rail, a socket fixed to said sash and having a perforated boss projecting into said hole, a helical spring bearing at its outer end at the bottom of said hole, having a shoulder bearing inwardly against the said boss, and a contracted portion entering the perforation in said boss, of the lower sash, a casing fixed thereto, and a bolt adapted to slide within said casing and enter the bore of said socket, whereby the spring is compressed and forms an anti-rattler, substantially as set forth.

In testimony of which invention I hereunto set my hand.

BERNHARD GANTENBERG.

Attest:

GEO. H. KNIGHT,  
HENRY A. WILLIAMS.