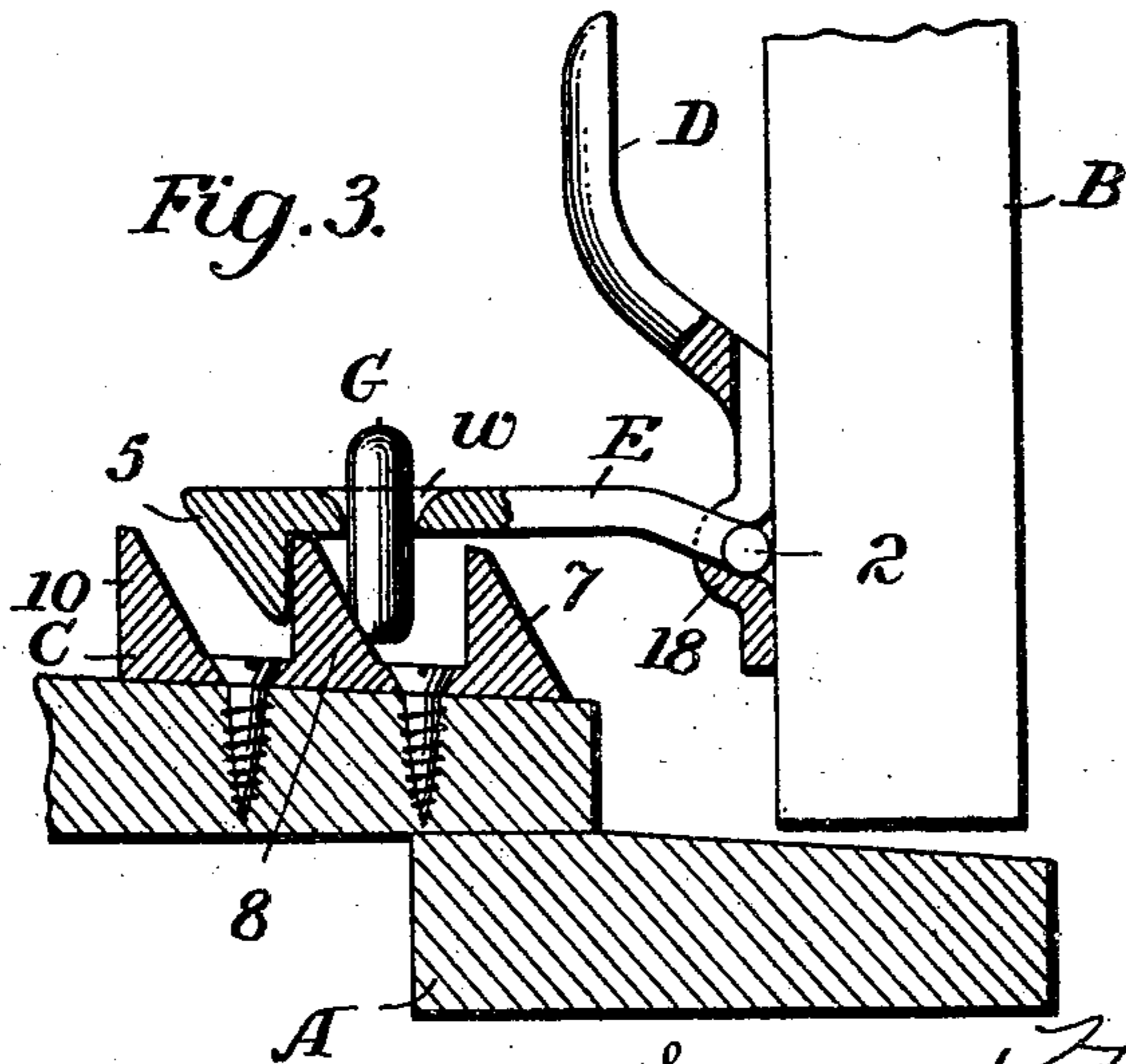
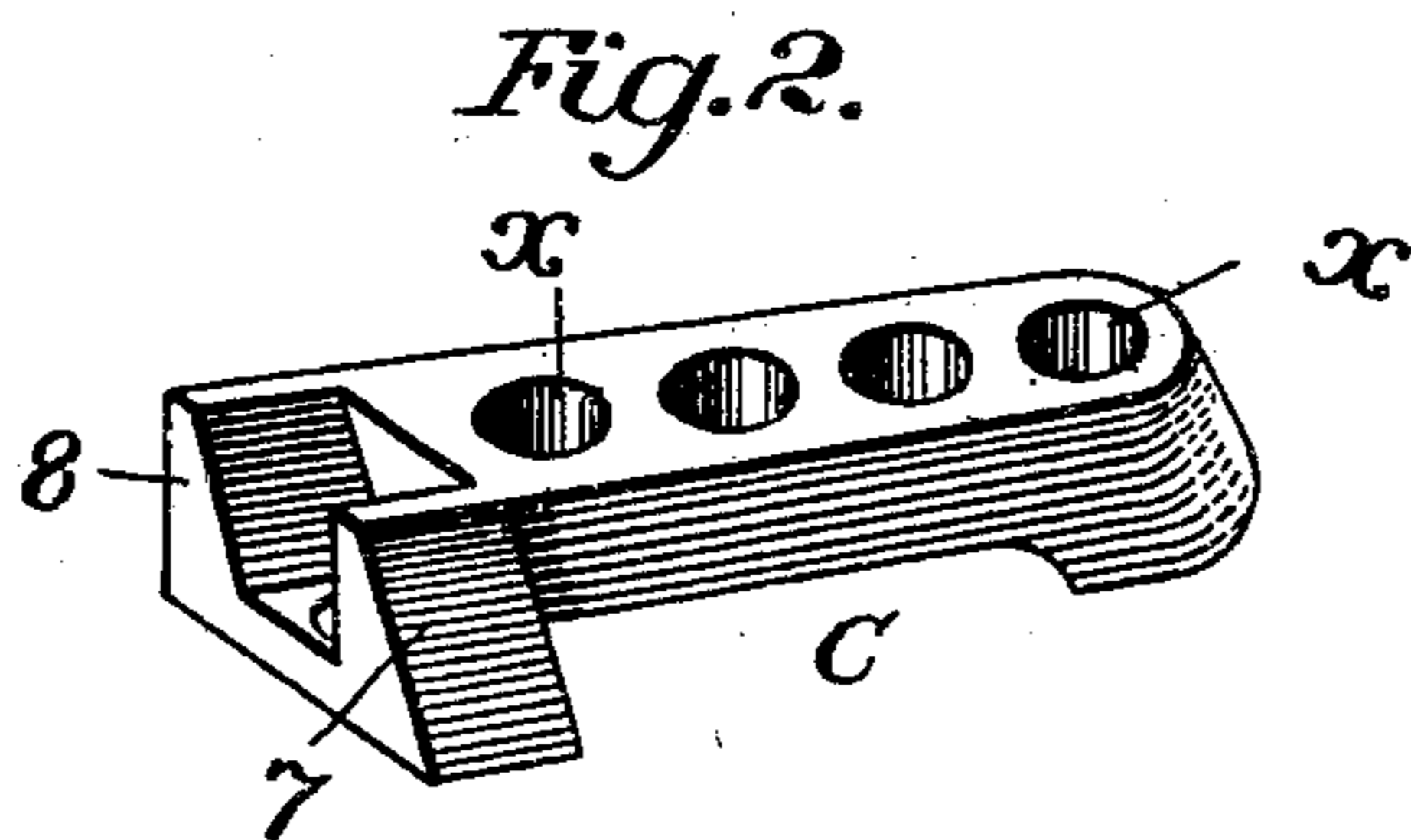
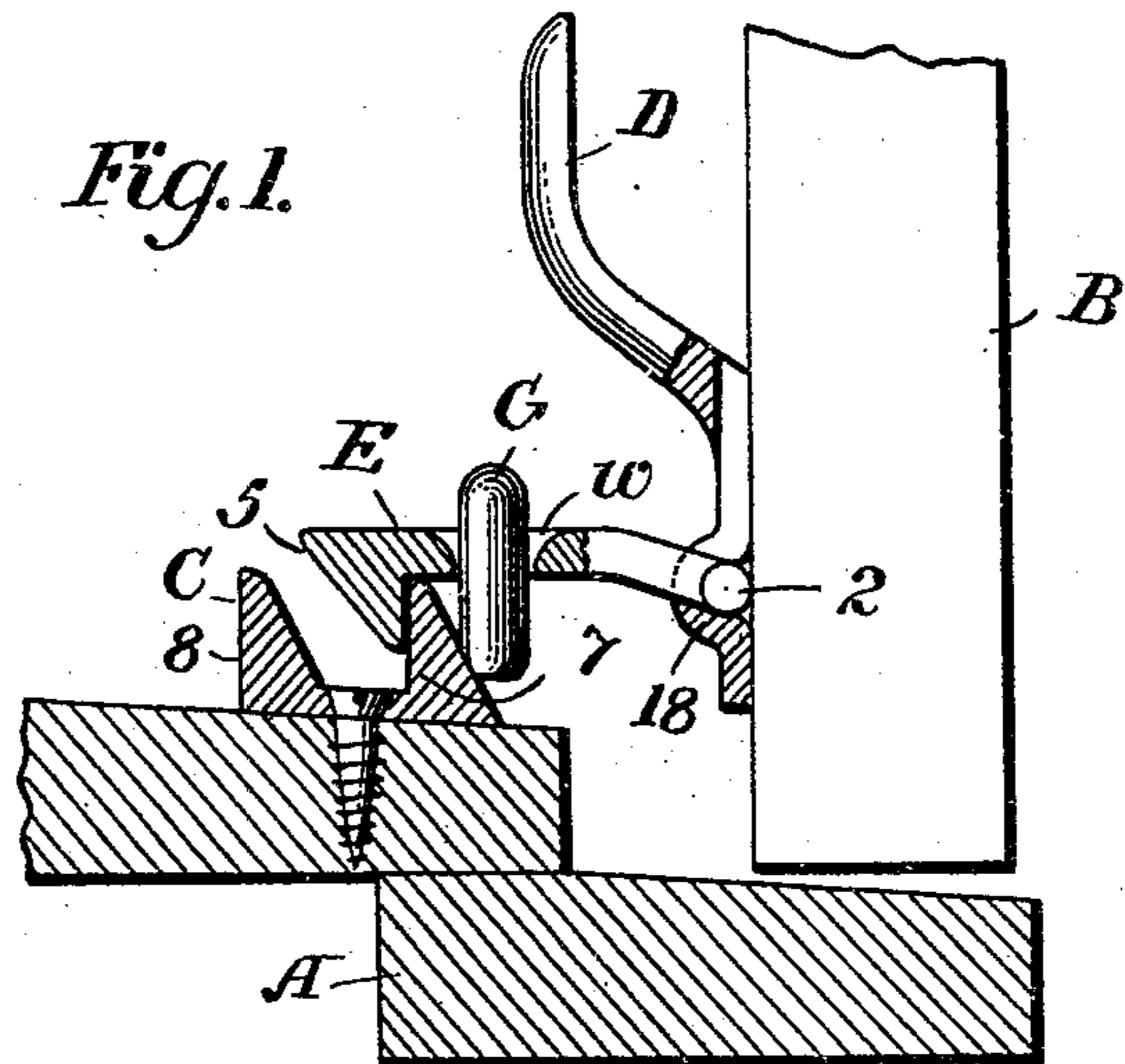


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SHUTTER BOWER AND FASTENER.
APPLICATION FILED DEC. 17, 1906.

930,261.

Patented Aug. 3. 1909.



Witnesses
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UNITED STATES PATENT OFFICE.

HARRY ZIMMERMAN, OF FREMONT, OHIO.

SHUTTER BOWER AND FASTENER.

No. 930,261.

Specification of Letters Patent.

Patented Aug. 3, 1909.

Application filed December 17, 1906. Serial No. 348,300.

To all whom it may concern:

Be it known that I, HARRY ZIMMERMAN, a citizen of the United States, residing at Fremont, in the county of Sandusky and State of Ohio, have invented certain new and useful Improvements in Shutter Bowers and Fasteners, of which the following is a specification.

My invention relates to shutter bowers and fasteners and consists of a sill plate having a plurality of projections with inclined faces and abrupt shoulders, and a latch with a beveled faced projection and a perforation as fully set forth hereinafter and illustrated in the accompanying drawing, in which:

Figure 1 is a transverse section showing a sill, part of a shutter, and my improved fastener. Fig. 2 is a perspective view of the sill plate in Fig. 1. Fig. 3 is a transverse section illustrating my improved device with a sill plate having three projections.

A represents a sill and B a shutter or hinged sash, C a sill plate adapted for attachment to the sill, D a bracket adapted for attachment to the shutter, and E a latch which is provided with side trunnions 2 adapted to sockets at the sides of an opening 3 in the bracket D and with a terminal projection 5 having a beveled end and adapted to engage either of two shoulders upon two projections 7, 8 of the sill plate. These projections have outer beveled faces, and the latch E is supported in a normally horizontal position by a lip 18 of the bracket D so that when the shutter is closed, the latch will ride upward to engage first one and then the other of the said projections, thus permitting the shutter to be locked against the opening either in an absolutely closed position against the sill, or at a distance therefrom as shown in the drawing, Fig. 1. The main purpose

of this arrangement, however, is to compensate for the warping of the shutter, which is apt to occur, so that if the latch could lock with the sill plate in one position only, as for instance in the position the parts occupy when the shutter closes close against the sill, then it would not be practicable to lock the parts closed in case the shutter warped. This objection is overcome by providing the sill plate with two or more projections, each adapted to engage the hooked end of the latch. In order to allow the usual brace rod G to be used in connection with these parts, the latch may have a perforation *w* through which the hooked end of the rod G may extend and this will not interfere with the closing of the shutter, because the said end will ride up the inclined face of the projection 7.

When the brace rod G is used the sill plate C will have the usual sockets *x* for the reception of the bent end of the rod. If desired, the sill plate may have an additional projection 10 as shown in Fig. 3.

Without limiting myself to the precise construction and arrangement of parts, I claim as my invention:

The combination with a sill plate adapted for attachment at right angles to the line of a sill, and having a plurality of projections with inclined faces, of a pivotal latch adapted for attachment to a shutter, and having a beveled face projection for engaging those of the sill plate, and with a perforation for receiving the end of a brace rod.

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

HARRY ZIMMERMAN.

Witnesses:

MATIE BISNETTE,
FRANK C. KISER.