

C. H. GEDEL.
WINDOW FASTENER.
APPLICATION FILED SEPT. 22, 1908.

922,414.

Patented May 18, 1909.

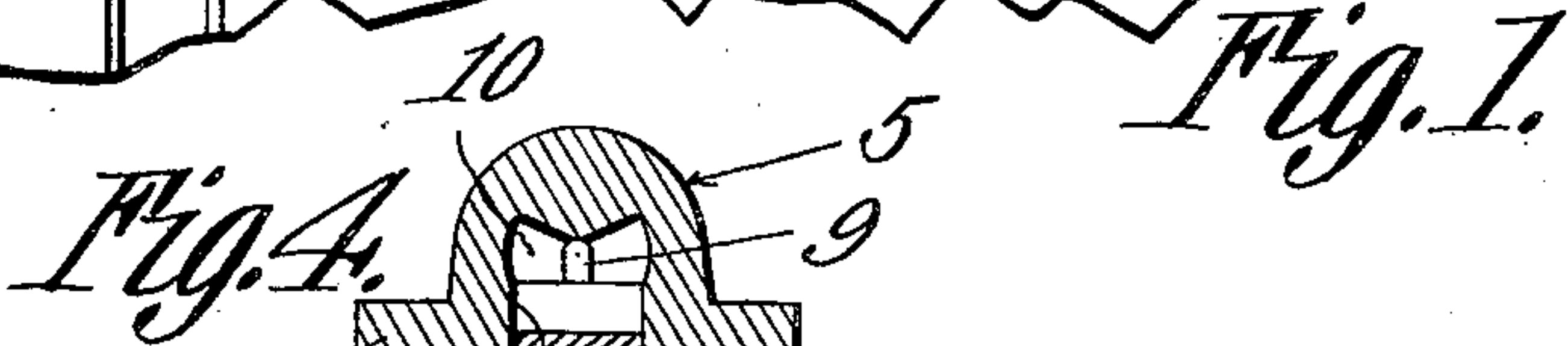
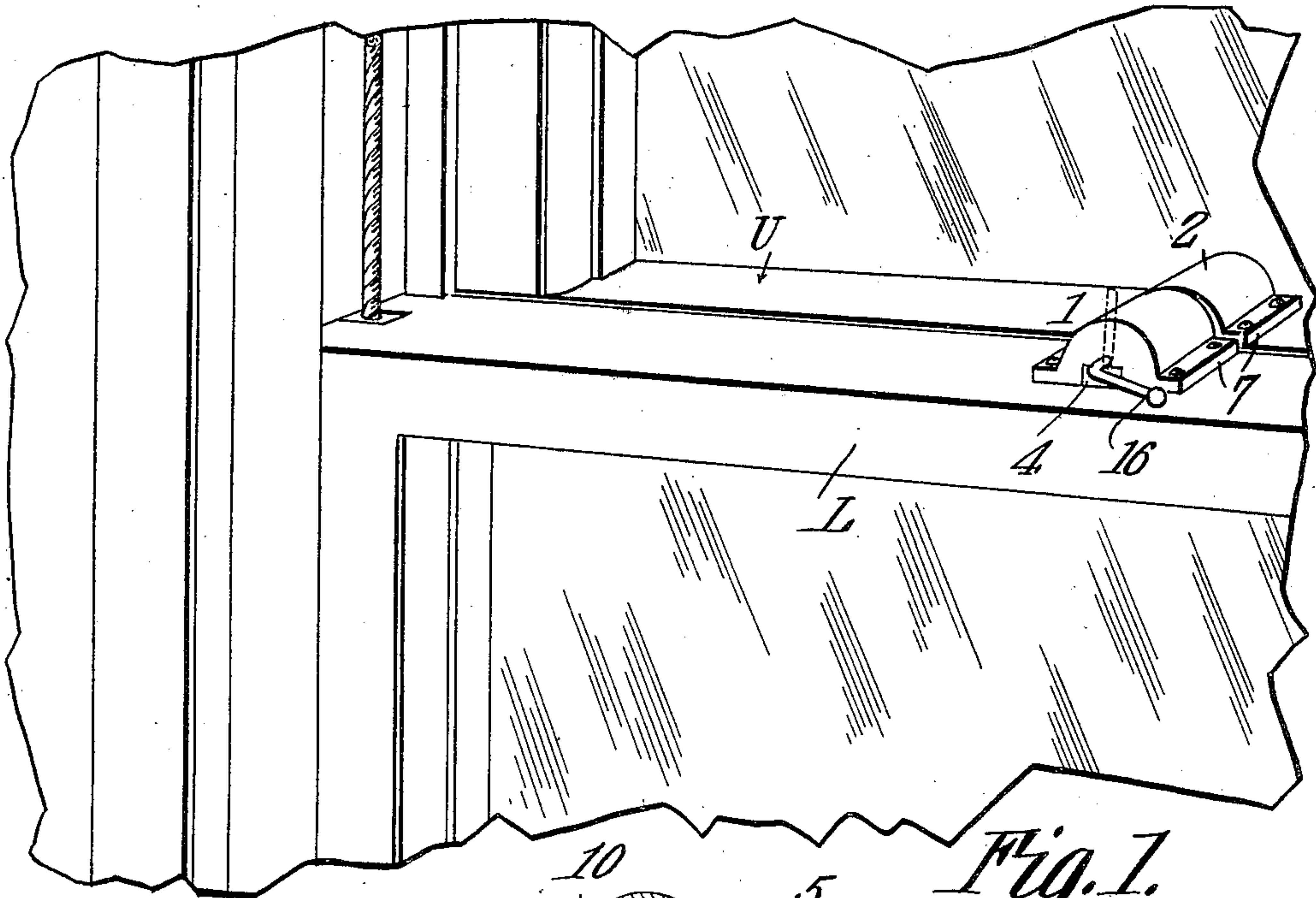


Fig. 2.

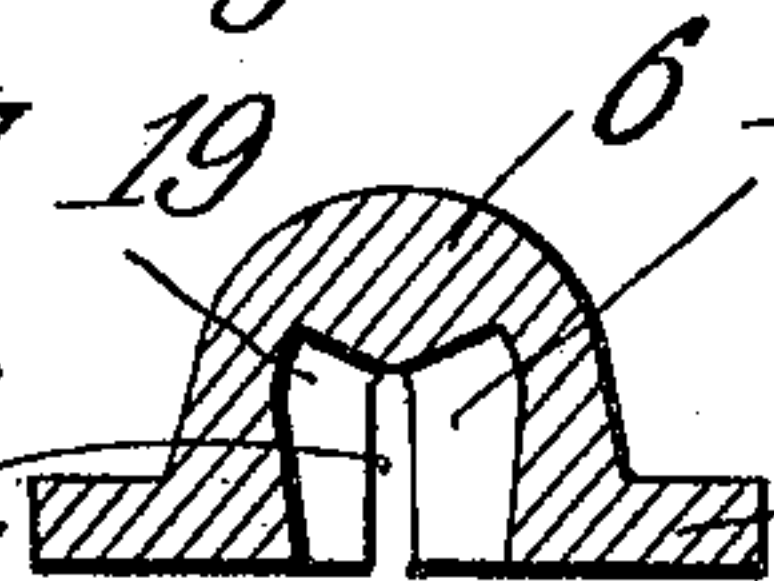
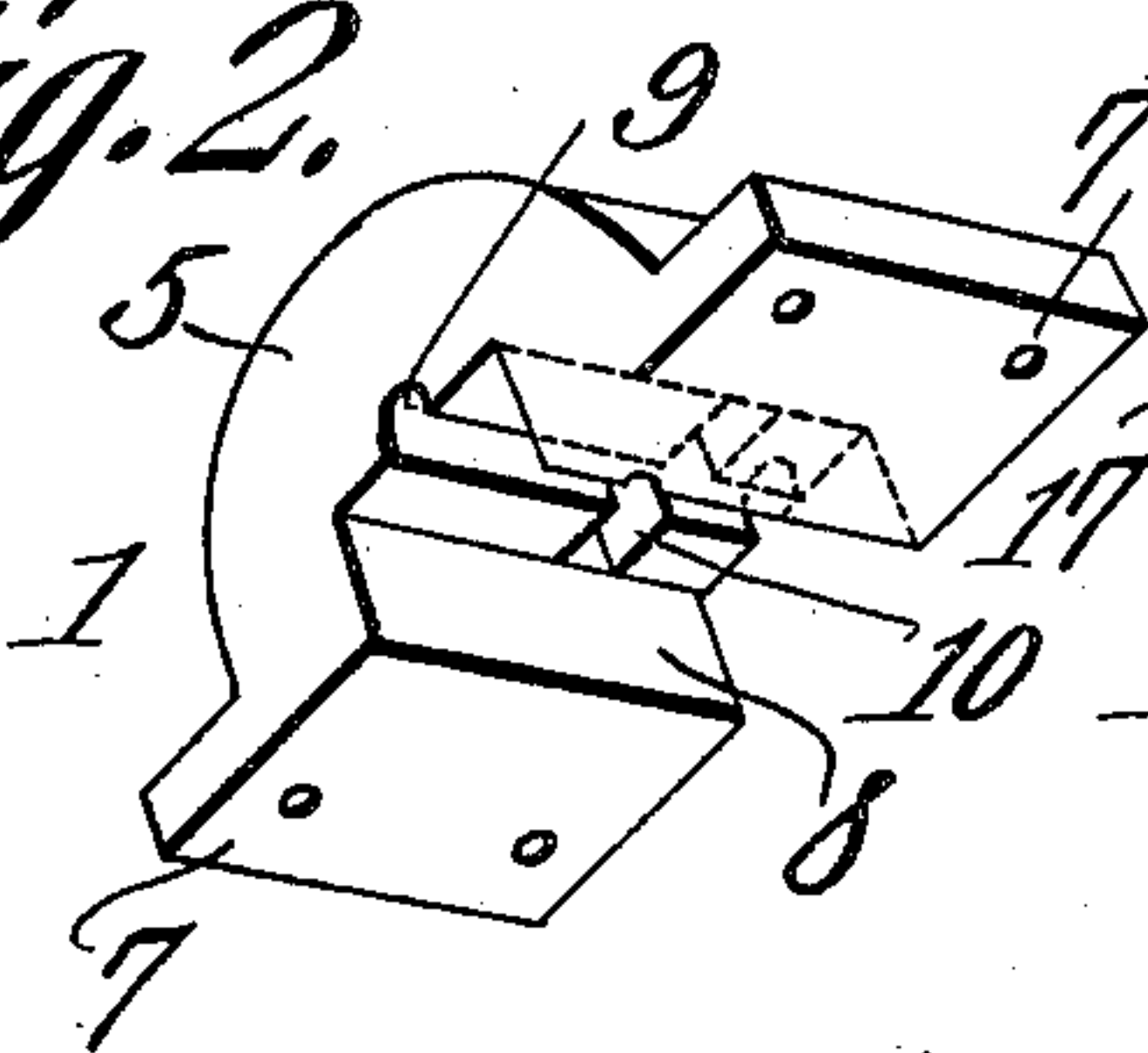


Fig. 5.

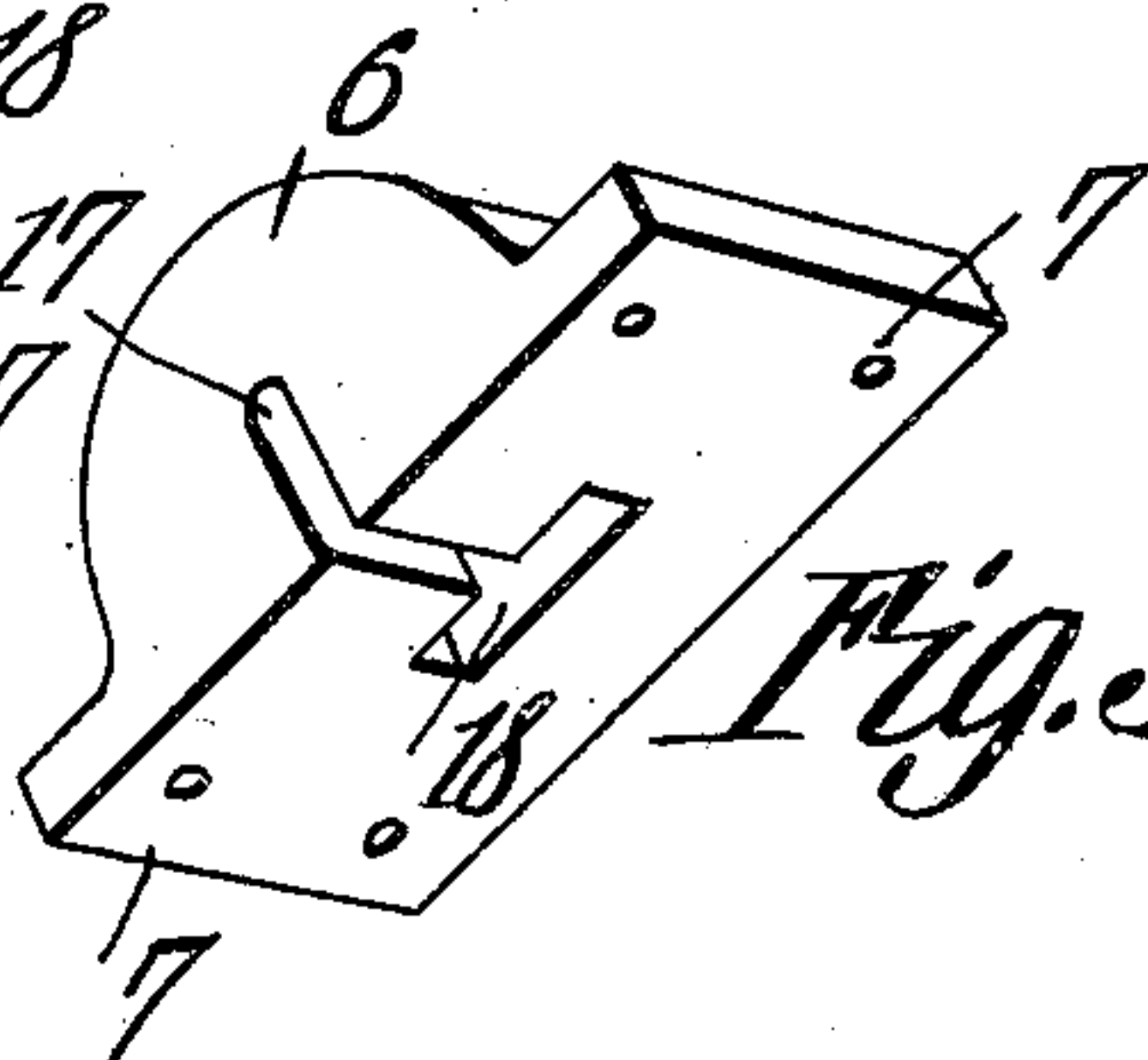


Fig. 3.

Fig. 6.

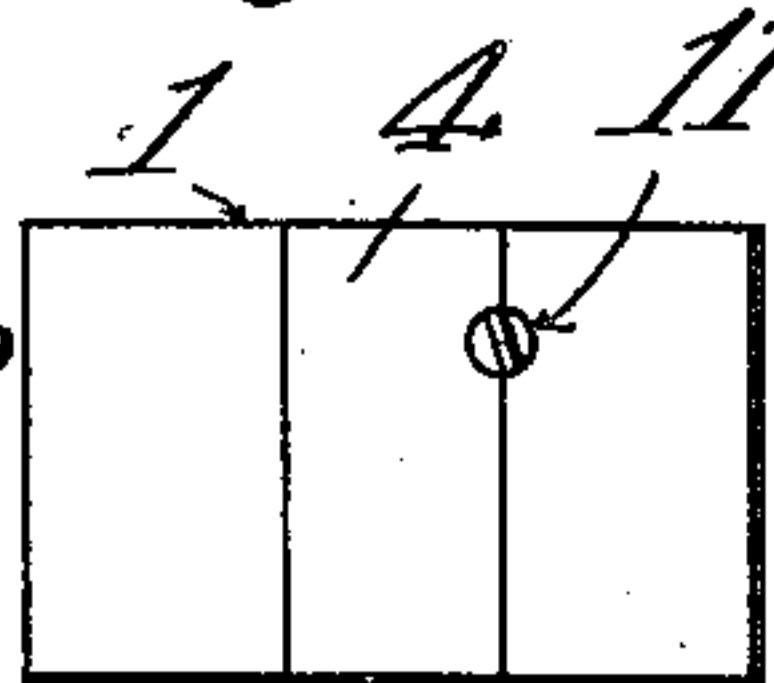


Fig. 7.

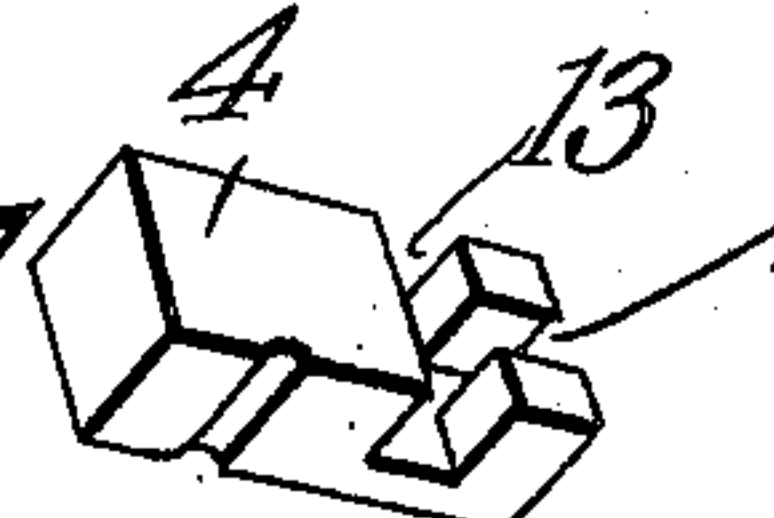
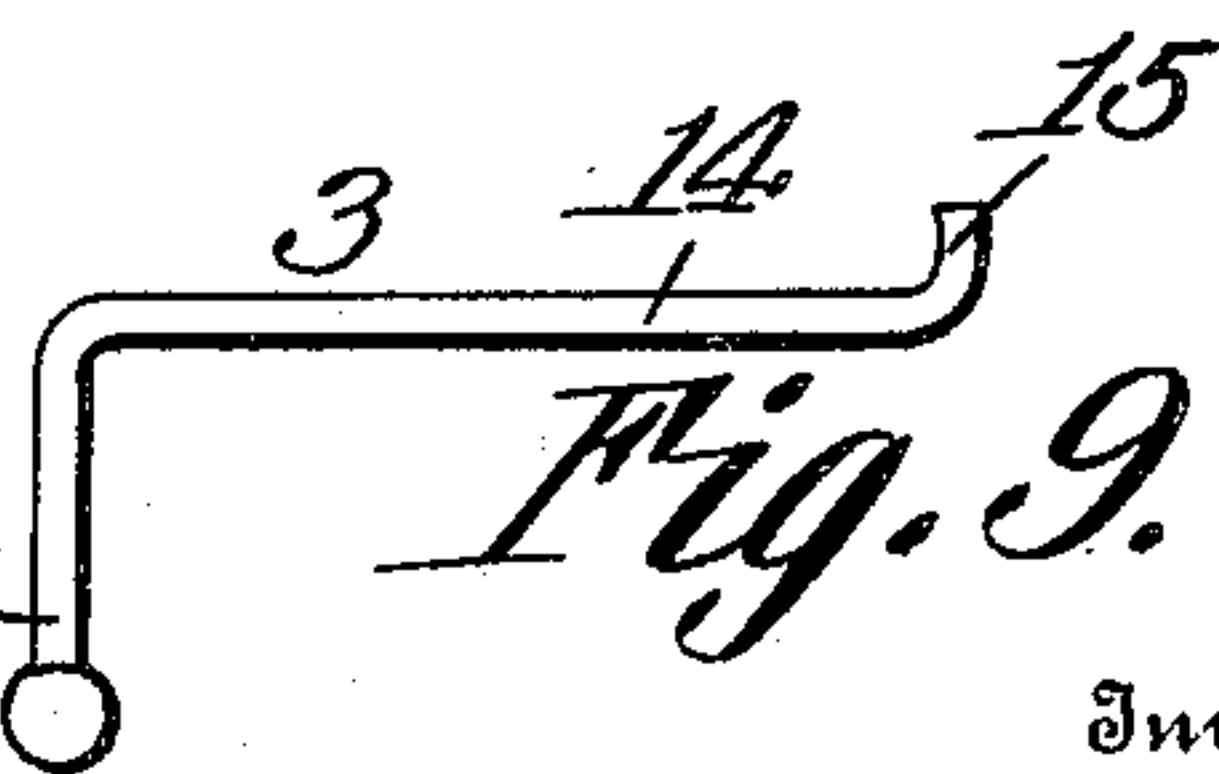


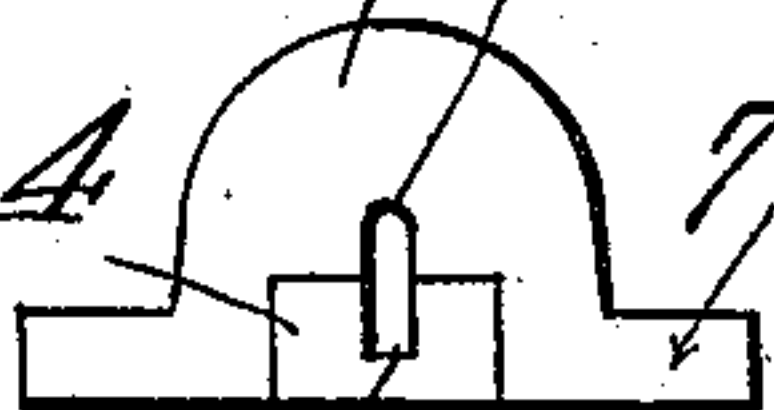
Fig. 9.



Witnesses:

R. M. Elliott
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Fig. 8.



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UNITED STATES PATENT OFFICE.

CARL HENRY GEDEL, OF MARIETTA, OHIO.

WINDOW-FASTENER.

No. 922,414.

Specification of Letters Patent.

Patented May 18, 1909.

Application filed September 22, 1908. Serial No. 454,175.

To all whom it may concern:

Be it known that I, CARL H. GEDEL, a citizen of the United States, residing at Marietta, in the county of Washington and State of Ohio, have invented a new and useful Window-Fastener, of which the following is a specification.

This invention relates to sash fasteners of that class adapted to lock together the meeting rails of the upper and lower sashes of a window.

The object of the invention is to provide an article of this character that shall be simple of construction, efficient and durable in use, and certain of operation, and in which the locking member shall be so disposed as to be invisible from the exterior of the window whereby to render the fastener practically burglar proof.

With the above and other objects in view, as will appear as the nature of the invention is better understood the same consists in the novel construction and combination of parts of a window sash fastener, as will be hereinafter fully described and claimed.

In the accompanying drawings forming a part of this specification, and in which like characters of reference indicate corresponding parts:—Figure 1 is a view in perspective displaying the parts of the fastener disposed upon the meeting rails of a window sash. Fig. 2 is an inverted perspective of the male casing of the fastener. Fig. 3 is a similar view of the female casing. Fig. 4 is a transverse sectional view through the male casing. Fig. 5 is a similar view through the female casing. Fig. 6 is an inverted plan view of the male casing. Fig. 7 is a perspective detail view of the locking key keeper. Fig. 8 is a detail view in front elevation of the male casing. Fig. 9 is a detail view of the locking key.

The fastener embodies a male casing 1, a female casing 2, a locking key 3, and a key keeper 4. The first three named parts are constructed, preferably, of cast or malleable iron, or of brass, and the last named is made from a length of wire of a gage that will insure a strength requisite to resist any violent attempt to force or unlock the fastener from the outside of the window. Both of the casings are shown as formed with a semi-circular body, 5 and 6 respectively, and with laterally projecting extensions 7 that are provided with orifices to receive the screws which secure the casings to the upper and lower meet-

ing rails U and L respectively. The male casing is provided in its flat face with a channel 8 that extends throughout its length and is provided in its upper wall with a cruciform key seat, of which the longer member 9 extends from end to end of the channel, and the shorter members 10 are approximately semi-circular in contour and project into the body. The keeper 4 that engages the channel 8 is held therein by a screw 11 and is provided in one of its sides and near one end with a T-shaped seat, the longitudinal member 12 of which extends through one end of the keeper and registers with the seat member 9, when the casings and keeper are assembled, and the transverse members 13 of which register with the seat members 10 and extend entirely across the keeper.

The seat member 9 is loosely engaged by the shank 14 of the key 3, one end of which is provided with a locking toe 15 and the other with a finger piece 16. The shank is of considerably greater length than the casing 1 in order to permit the toe to be projected beyond the casing 1 a sufficient distance to enter the casing 2 to secure the locking together of the two casings as will hereinafter more fully appear.

The casing 2 is provided in its flat face with a T-shaped seat, the member 17 of which extends from approximately the center of the face out through one end of the body 6 and the other member 18 of which extends from the face into the body, and has its inner terminals 19 rounded, as shown in Fig. 5, although this contour of the seat, as well as the like parts of the seats 10 is not absolutely essential.

In positioning the fastener upon a window sash, the casing 1 is secured to the parting rail L, and the casing 2 to the parting rail U, with the seat members 9 and 17 in alinement. To lock the two sashes together, the finger piece 16, (which when the casings are in locked relation, occupy the position shown in full lines in Fig. 1), is moved to the position shown by dotted lines, and this will cause the toe 15 to project downward, and in position to enter the seat 17. When the key is pushed in until the finger piece contacts with the casing, the toe will be caused to enter the seat 18, and upon the finger piece being turned either to the right or the left to horizontal position, the locking operation will be completed, as the toe will then lie crosswise of the seat 17. This latter disposition of the finger

piece renders it invisible from the exterior of the window, so that a felonious attempt to unlock the fastener without breaking the window glass will be prevented. To unlock the sashes the finger piece is moved to the position shown by dotted lines in Fig. 1, and is pushed away from the casing 1 a sufficient distance to draw the toe 15 into the seats 10 and 13, and when the finger piece is again turned to a horizontal position it will be locked against inward movement.

It will be seen from the foregoing description that although the members herein defined are simple in character that they will be thoroughly efficient for the purpose designed, and will cooperate in the production of an efficient and durable form of sash fastener.

What is claimed is:--

1. A sash fastener comprising a male and a female casing, the male casing being provided interiorly with a cruciform seat and the

female member being provided interiorly with a T-shaped seat, a locking key having a toe to engage with either of the seats, and means for retaining the key against disconnection from the male member.

2. A sash fastener comprising a male and a female casing, the male casing being provided interiorly with a cruciform seat, and the female member being provided interiorly with a T-shaped seat, a locking key having a toe to engage with either of the seats, and a key keeper having seats registering with those of the male member and operating to hold the key combined therewith.

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

CARL HENRY GEDEL.

Witnesses:

N. E. KIDD,
W. H. BOHL.