

W. E. ALTHOUSE.
NEWSPAPER HOLDER.
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999,724.

Patented Aug. 8, 1911.

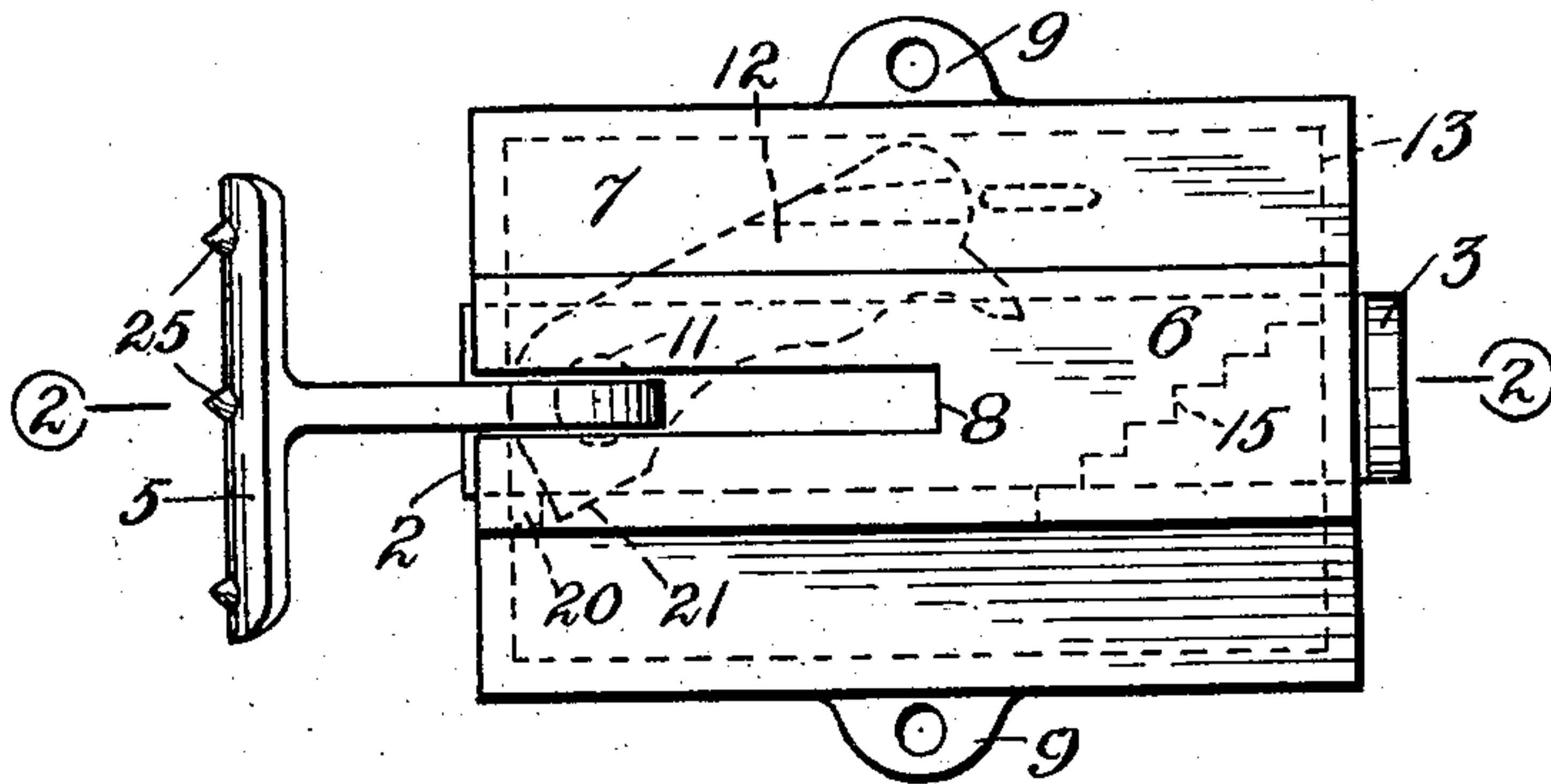


Fig. 1.

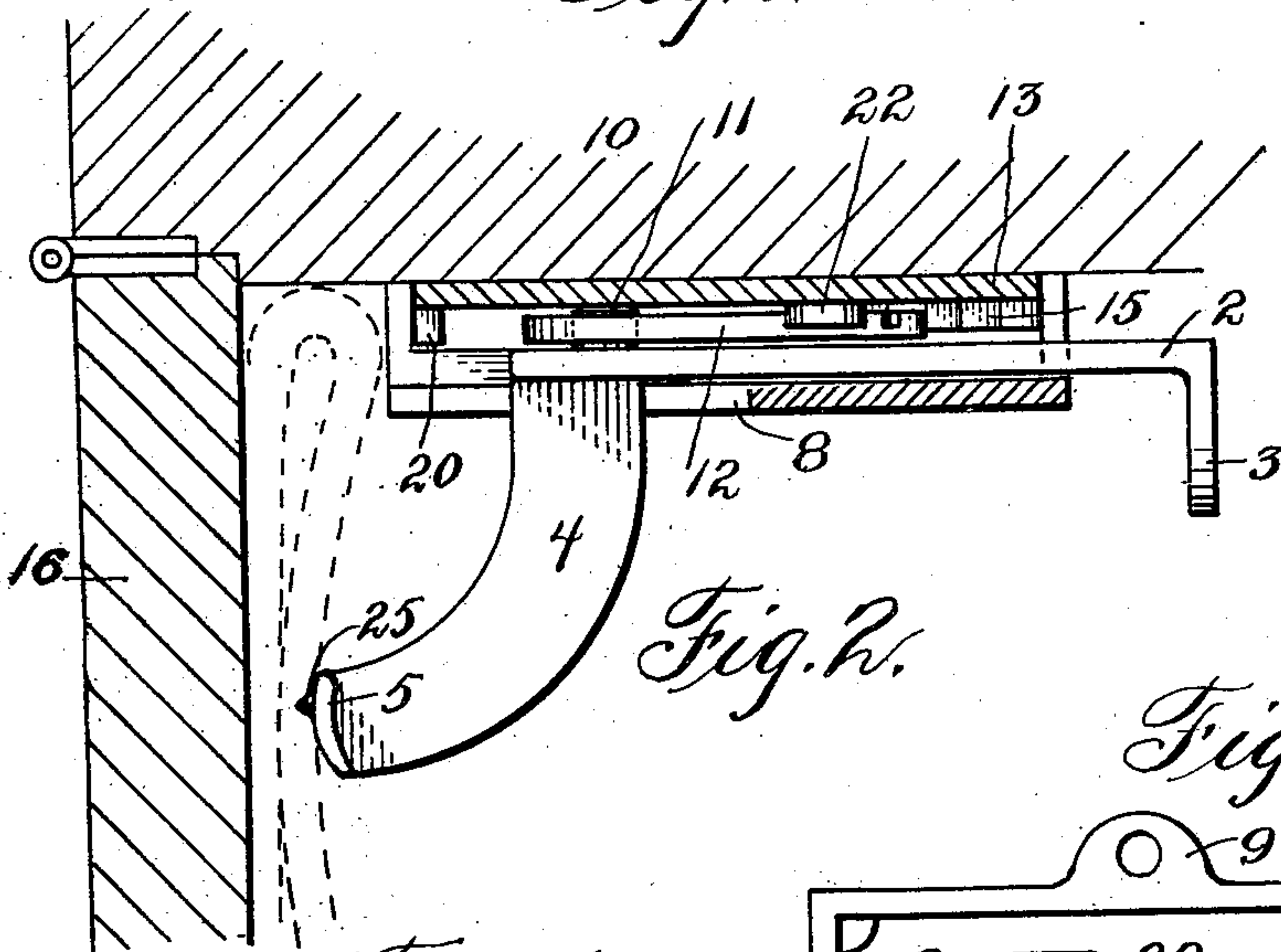


Fig. 2.

Fig. 3.

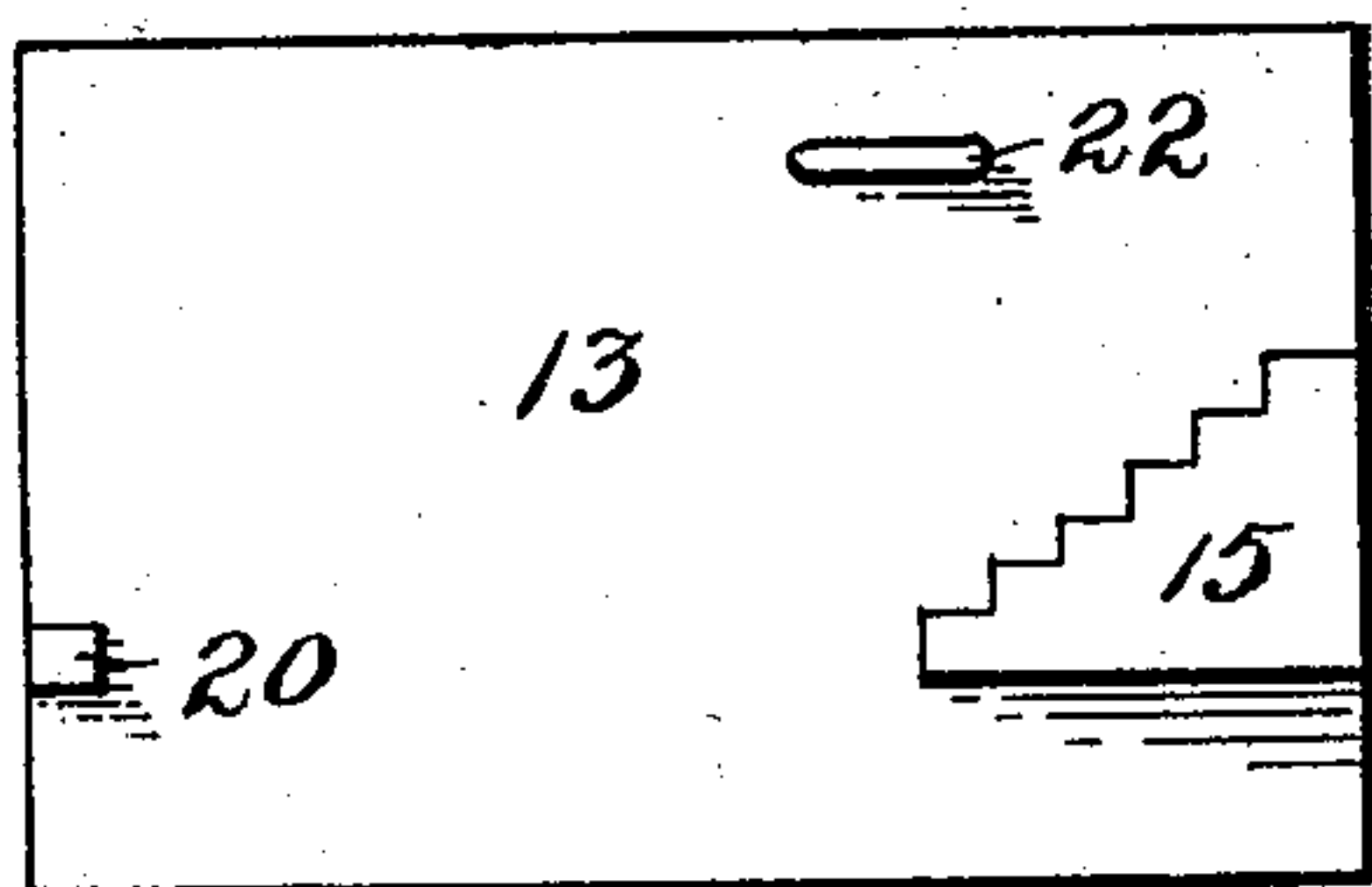
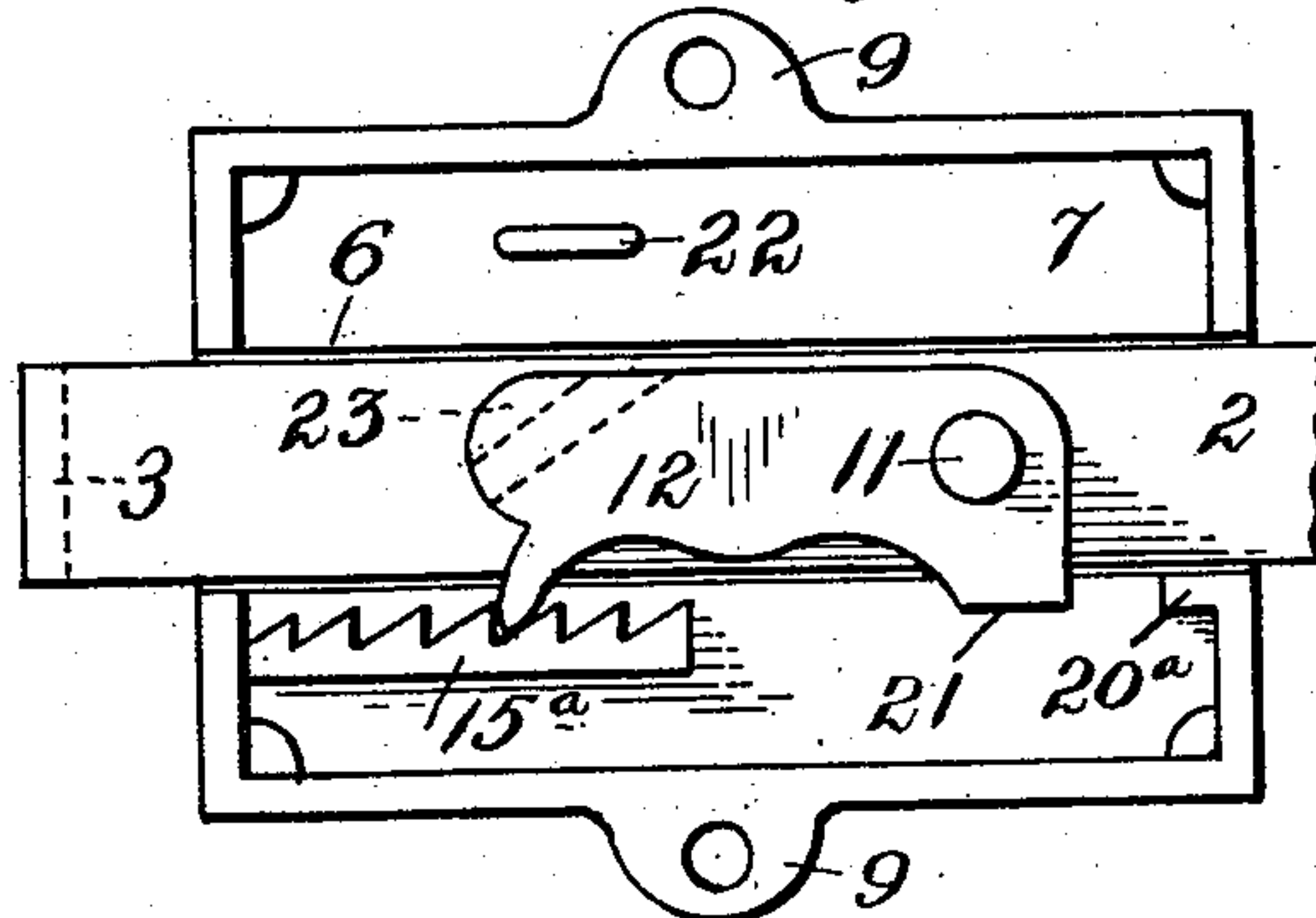


Fig. 4.



Inventor

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By

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Witnesses

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UNITED STATES PATENT OFFICE.

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NEWSPAPER-HOLDER.

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Specification of Letters Patent.

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Application filed February 11, 1911. Serial No. 607,952.

To all whom it may concern:

Be it known that I, WILLIAM E. ALTHOUSE, a citizen of the United States, and a resident of the city of Reading, in the county of Berks and State of Pennsylvania, have invented certain new and useful Improvements in Newspaper-Holders, of which the following is a specification.

My invention relates to means for securely holding newspapers or the like so as to prevent their being stolen, lost, or injured after being placed therein; and it consists in a simply constructed and operated device applicable to outside door frames, and comprising a single holding jaw adapted to cooperate with the closed door in gripping the paper, as more fully described in connection with the accompanying drawings illustrating a preferred embodiment of the invention; the novel features being specifically pointed out in the subjoined claims.

Figure 1 is a front view of a device embodying my invention. Fig. 2 is a sectional view on the line 2—2 of Fig. 1; the device being shown in connection with a door jamb and door, and the sliding jaw represented as cooperating with the latter to hold an interposed newspaper. Fig. 3 is an inside-face view of the casing cover plate employed in the specific construction shown in Figs. 1 and 2. Fig. 4 is a rear view of the device with the cover plate removed; the casing as here indicated however showing a modified construction in which the rack, and the pawl lifting and carrying projections, are formed on the main casing instead of on the cover plate thereof.

The single holding jaw of my device comprises a slide bar 2 provided with a handle end 3 and with a bracket or arm 4 having a gripping end 5. This slide bar 2 is engaged in a recessed guide-way 6 of a casing frame 7, with the arm 4 projecting through a slot 8 in the latter; and said casing is provided with suitable flanges or lugs 9, 9 for securing the same in proper position upon the jamb 10 of a door frame. Upon the inner face of the slide bar 2 is provided a projecting pin 11 upon which is pivotally mounted a pawl 12. A separately formed casing plate 13 serves to properly cover the sliding jaw bar and the pawl carried thereby.

To cooperate with the pawl 12 in retaining the sliding jaw in a projected clamping position, I provide a fixed rack 15, which is preferably formed, as shown in Figs. 1, 2

and 3, upon the inner face of the casing plate 13; said rack being so arranged that the free end of the pawl will normally fall into engagement with it and hold the sliding jaw in any paper-clamping position to which it is moved relative to the closed door. When a paper or like article is thus clamped it will be readily seen that it cannot be released excepting by opening the door. To reset the sliding jaw it is necessary to provide for releasing the pawl from the rack so as to permit withdrawal of the jaw. This I accomplish in a simple manner by providing on the casing a pawl-lifting projection 20, against which a side portion 21 of the pawl is adapted to strike when the slide jaw is pushed fully forward, so as to positively raise the pawl well out of engagement with the rack, and permit the slide bar to be quickly withdrawn before the pawl can drop again into contact with the rack. The pawl being supported in raised position by the lifting projection 20, when the jaw is in extreme forward position, a quick rearward movement of the jaw to the other extreme position may be freely made; but in order to positively prevent the pawl dropping into engagement before such rearward movement is fully affected, I in some cases provide a pawl-carrying projection 22 upon which a carrying projection 23 on the adjacent face of the pawl is adapted to ride until the rearward movement is nearly completed. These fixed projections 20 and 22 are preferably formed upon the casing cover plate 13, as shown in Figs. 1, 2 and 3, but may obviously be provided upon the main casing as indicated in Fig. 4.

The gripping end 5 of the sliding jaw is preferably provided with a gripping projection or projections 25 on its paper-contacting face, which serve to effectually prevent possible removal of the paper without such mutilation as will clearly evidence the fact. The single sliding jaw with its gravity pawl, is the only moving part of the device; and the locking and setting operations are effected solely by the sliding of this jaw, while the releasing of the article held can be effected only by the opening of the door.

What I claim is:—

1. The combination with a door jamb and a door, of a holder casing fixed to said jamb and provided with a rack, a holder jaw slidable in said casing toward and away from said door and adapted to cooperate with the

latter in gripping an interposed article, a pawl carried by said jaw, and means for lifting said pawl clear of the rack by a final forward movement of the jaw.

5 2. The combination with a door jamb and a door, of a holder casing fixed to said jamb and provided with a rack, a holder jaw slidable in said casing toward and away from said door and adapted to cooperate with the
10 latter in gripping an interposed article, a pawl carried by said jaw, and means for lifting said pawl clear of the rack by a final forward movement of the jaw and for maintaining the same in raised position during
15 a succeeding rearward movement thereof.

3. The combination with a door jamb and a door, of a holder casing fixed to said jamb and provided with a rack and a pawl-lifting projection, a holder jaw slidable in said casing toward and away from said door and

adapted to cooperate with the latter in gripping an interposed article, and a pawl pivotally carried by said jaw and adapted to engage said projection during a final forward movement of the jaw.

4. The combination with a door jamb and a door, of a holder casing fixed to said jamb and provided with a rack, a pawl-lifting projection, and a pawl-carrier projection, a holder jaw slidable in said casing toward
25 and away from said door, and a pawl pivotally carried by said jaw and adapted to successively engage said projections. 30

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

WILLIAM E. ALTHOUSE.

Witnesses:

D. M. STEWART,

W. G. STEWART.

Copies of this patent may be obtained for five cents each, by addressing the "Commissioner of Patents, Washington, D. C."