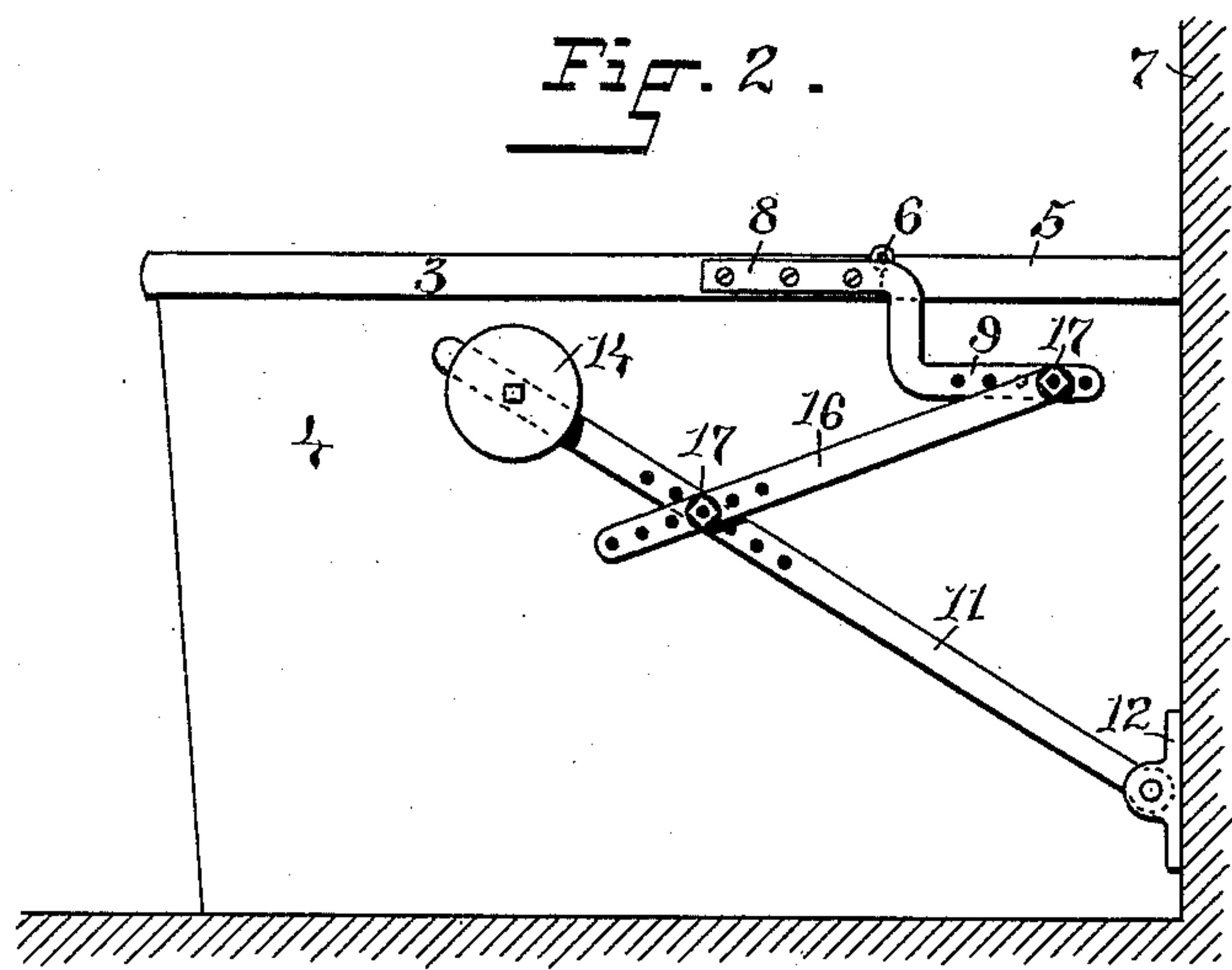
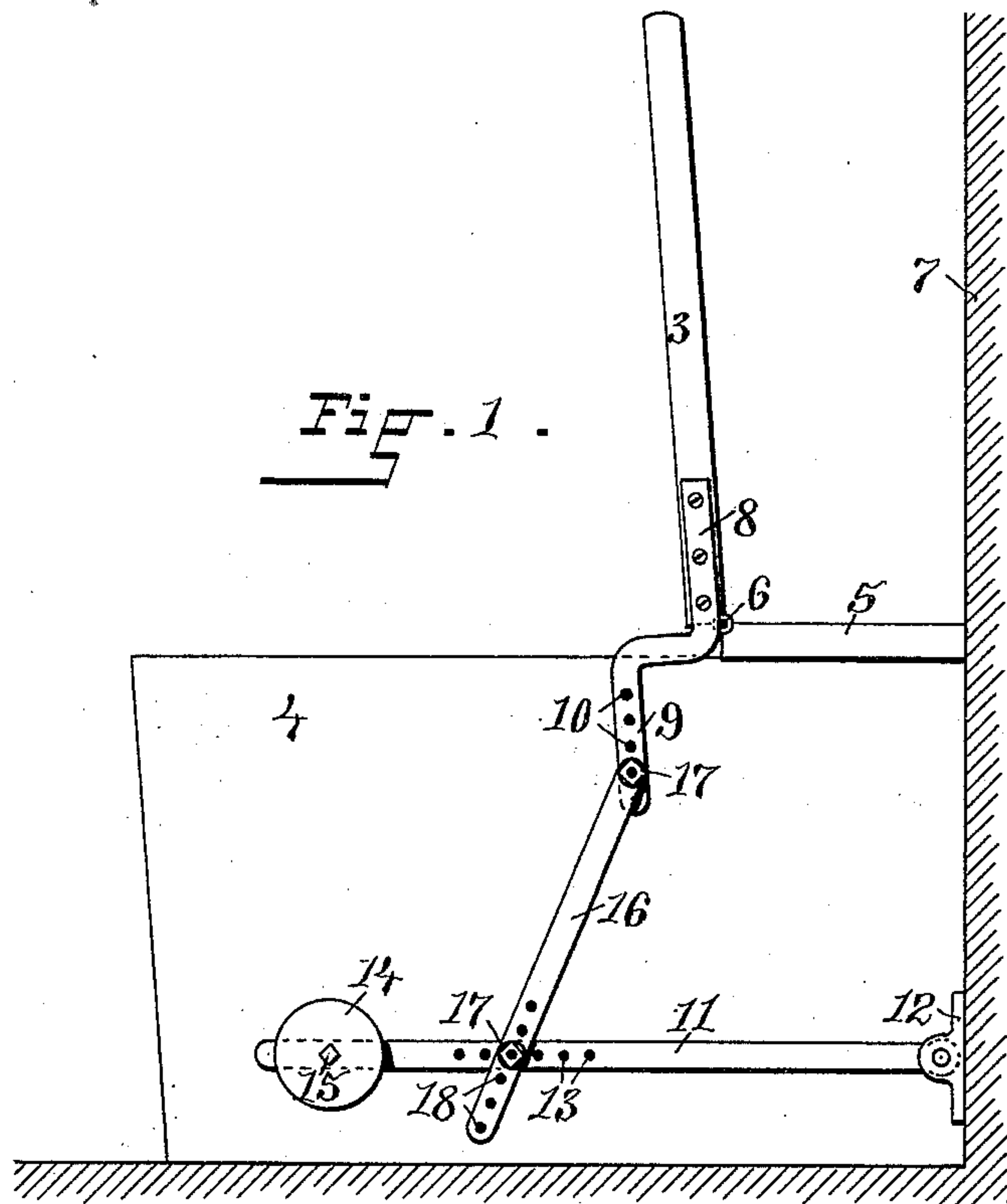


(No Model.)

C. T. PRATT.
CLOSET.

No. 429,952.

Patented June 10, 1890.



WITNESSES:

Chas. H. Luther Jr.
William R. Blair.

INVENTOR:

Charles T. Pratt
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Attys

UNITED STATES PATENT OFFICE.

CHARLES T. PRATT, OF PAWTUCKET, RHODE ISLAND.

CLOSET.

SPECIFICATION forming part of Letters Patent No. 429,952, dated June 10, 1890.

Application filed October 31, 1889. Serial No. 328,860. (No model.)

To all whom it may concern:

Be it known that I, CHARLES T. PRATT, of Pawtucket, in the county of Providence and State of Rhode Island, have invented a new and useful Improvement in Closets; and I hereby declare that the following is a full, clear, and exact description of the same, reference being had to the accompanying drawings, forming part of this specification.

This invention has reference to an improved device for automatically raising the seat of a water-closet or any other closet, so that when slops or other matters are emptied into the bowl or receptacle the seat will not be soiled.

The invention consists in securing to the hinged seat a bent arm and connecting the said arm with a weighted lever, so that when the seat is released the weight will raise the seat to nearly the vertical position and hold the same in this position, as will be more fully set forth hereinafter.

Figure 1 is a side view of a closet, showing my improved mechanism connected with the seat and holding the same in the raised position. Fig. 2 is a side view of the closet, showing the seat lowered for use and the position of the automatic mechanism for raising the seat.

The object of this invention is to raise the seat to or nearly to the vertical position shown in Fig. 1, hold the same in this raised position, and prevent the seat from striking against the wall or casing in the rear of the seat, as also to prevent injury to either or both.

In the drawings, the number 3 indicates the seat of a water or other closet; 4, the casing surrounding the receptacle or the bowl of the water-closet.

5 is the cover, to which the seat is secured by the hinge 6.

The wall, or in the better class of houses the casing or wainscoting, back of the closet is indicated by the number 7.

The mechanism consists of the arm 8, secured to one edge of the seat 3. The arm 8 is bent at or near the hinge 6 at a right an-

gle, and is again bent at a right angle to form the rearward extension 9, provided with the holes 10. The lever 11, hinged in the base 12, is provided with the holes 13 and has the adjustable weight 14, secured to the forward end of the lever by the clamp-screw 15, so that the weight may be moved on the lever nearer to or farther from the free end of the same and may be secured in any desired position. The bar 16 is secured to the extension 9 of the arm 8 by the short bolt and nut 17, and to the weighted lever 11 by a similar bolt and nut 17. The bar 16 is provided with a number of holes 18. The object of the holes 10, 13, and 18 is to permit considerable adjustment in the parts, so as to adapt them to the varying conditions, particularly the varying weight of the closet-seat. For the heaviest seat the bar 16 would be secured in the extreme outer hole of the extension 9 and in the hole nearest the hinged end of the weighted lever 11, while for the lightest seat the bar 16 would be secured in the hole nearest the hinge of the extension 9 of the arm 8 and in the hole nearest the weight 14 in the arm 11.

By the peculiar construction of the mechanism the seat is automatically raised. When released, it will swing slightly beyond the position shown in Fig. 1. It will not, however, touch the wall, as the weight quickly arrests the momentum and returns the cover to the vertical position shown in Fig. 1 of the drawings.

It is evident that the whole mechanism can be placed inside the casing, as the ordinary casings for water-closets are much wider than the width of the seats.

Having thus described my invention, I claim as new and desire to secure by Letters Patent—

1. The combination, with the hinged seat of a water-closet, of the bent arm 8, one end secured to the seat, the hinged lever 11, provided with the weight 14, and the bar 16, pivotally connected with the arm 8 and lever 11, constructed to hold the seat in the raised position, as described.

2. The combination, with the hinged seat

of a closet and the bent arm 8, having the rearward extension 9, provided with a series of holes 10, of the hinged lever 11, provided with the holes 13, the adjustable weight 14, 5 and the bar 16, provided with the holes 18, connected with the extension 9 of the arm 8, and the weighted lever 11, adjustably secured

to raise the seat when released, as and for the purpose herein set forth.

CHARLES T. PRATT.

Witnesses:

M. F. BLIGH,

J. A. MILLER, Jr.