

A. Westcott,

Shutter Fastener.

No. 93930.

Patented Aug 17. 1869.

Fig. 5

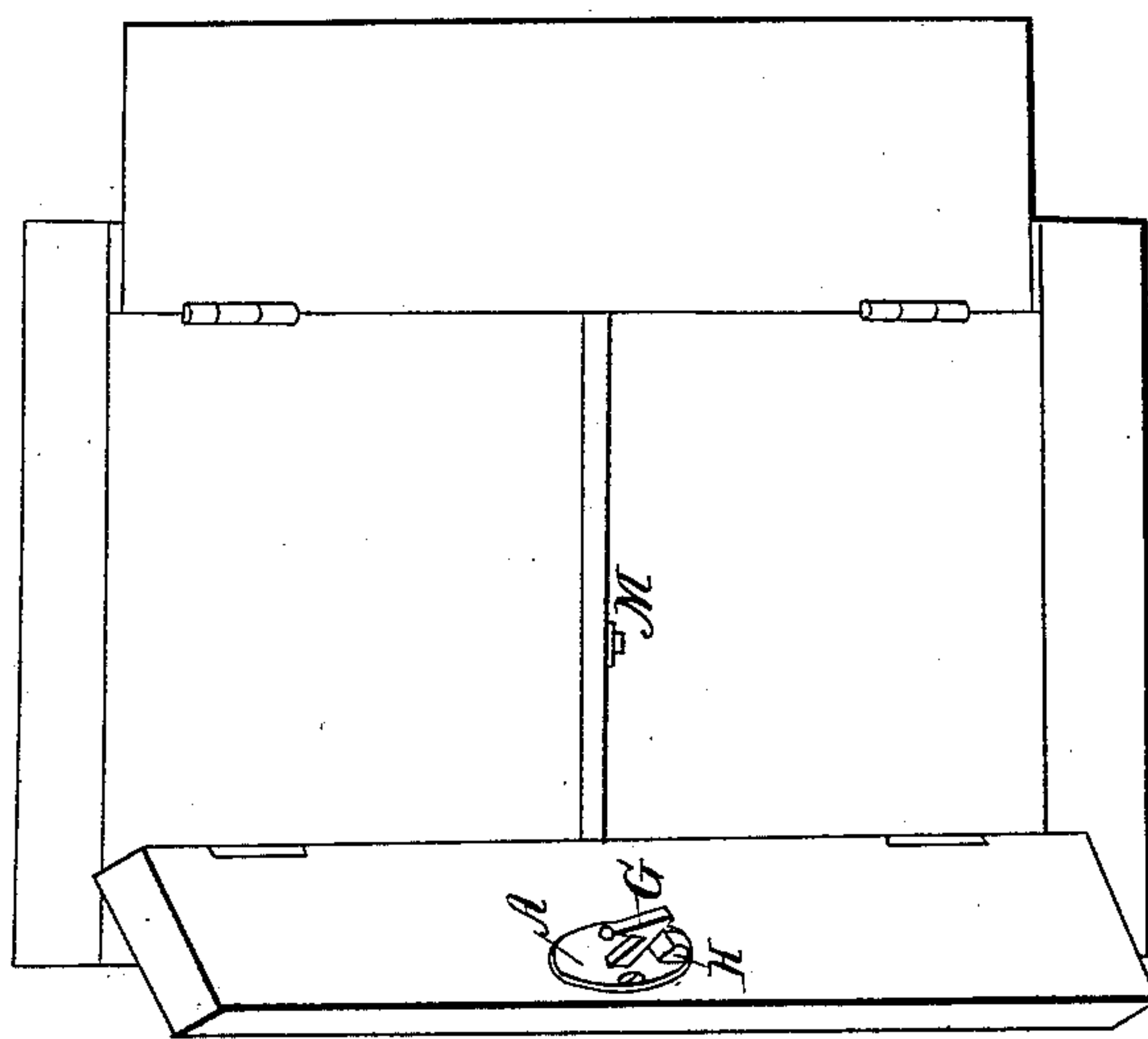


Fig. 2

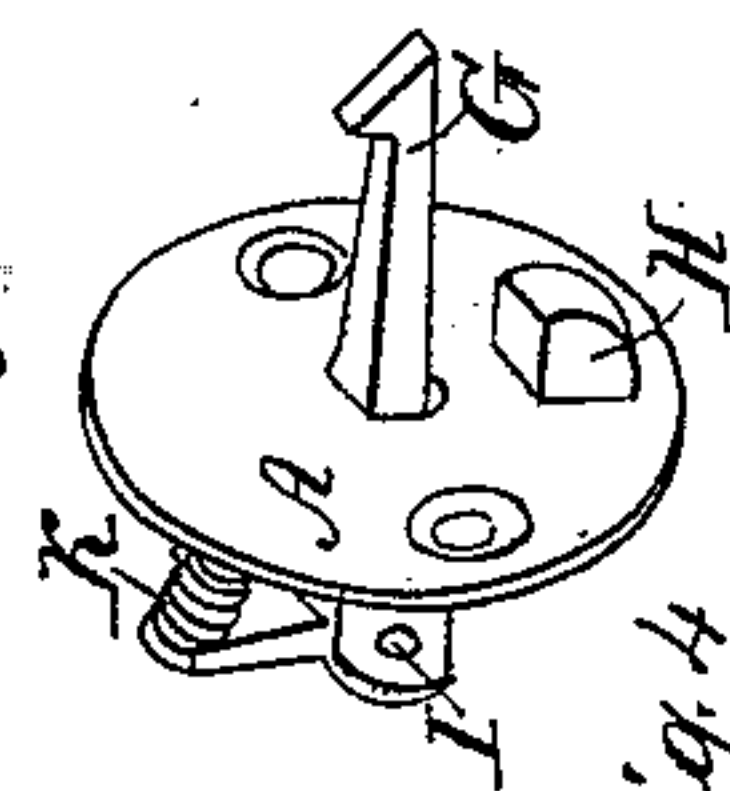


Fig. 4

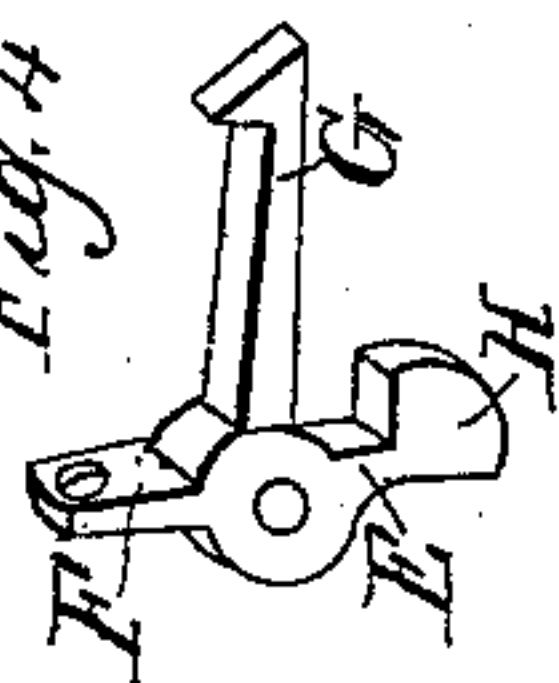


Fig. 1

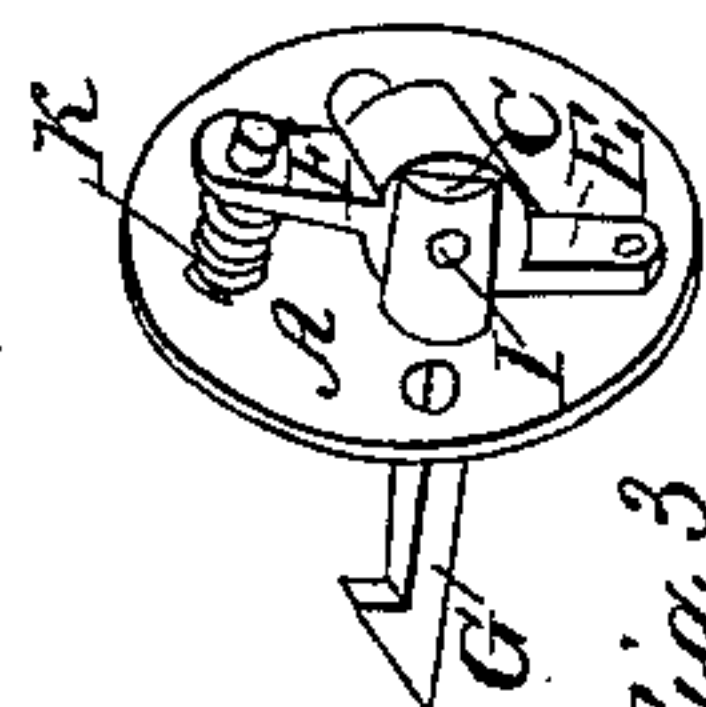
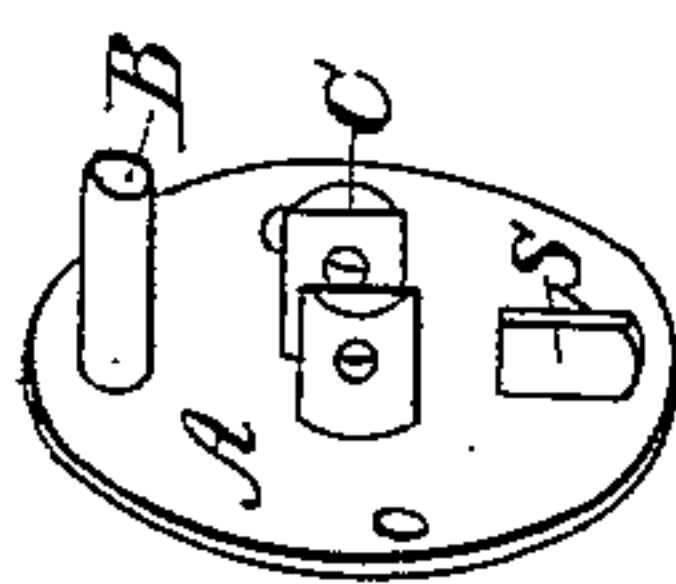


Fig. 3



Witnesses

Geo D Bowls
Saml Dunoon

Inventor

A Westcott

United States Patent Office.

AMOS WESTCOTT, OF SYRACUSE, NEW YORK.

Letters Patent No. 93,930, dated August 17, 1869.

IMPROVED SHUTTER-FASTENING.

The Schedule referred to in these Letters Patent and making part of the same.

To all whom it may concern:

Be it known that I, AMOS WESTCOTT, of the city of Syracuse, in the county of Onondaga, and State of New York, have invented a new and improved Catch for any small double doors; and I do hereby declare that the following is a full and exact description thereof, reference being had to the accompanying drawings, and to the letters of reference marked thereon.

This invention relates to a fastener for window-shutters, cupboard-doors, and other devices requiring to be held in an open or closed position; and

It consists in the combination of the parts of which it is composed, as will be more fully described hereinafter.

To enable others skilled in the art to make and use my invention, I will proceed to describe its construction and operation.

I construct a metal face-plate, marked A, Figure 2, of any convenient size and shape, which I fasten to the inside, and near its front edge, of that one of a pair of small double doors which is closed first, as shown by A in Figure 5.

From a small hole in the centre of this face-plate A, fig. 5, there projects inwardly a stem, marked G, more clearly shown by the same letter in fig. 2, terminating at its inner end in a hook, which, when the door is closed, catches into a notch, or other equivalent holding, underneath, and near the front edge of a shelf, as represented by M, fig. 5.

This stem is attached at its outer end to the centre of a lever on the other side of the face-plate, as more clearly shown in Figure 4.

A little at one side of this stem G, fig. 5, or more generally a little below, projecting inwardly through a hole in the face-plate A, is a small knob or projection, marked H, fig. 5, which is fastened to or forms a part of one arm of a lever on the other side of the face-plate, shown more clearly in fig. 4, and which, when pressed in, releases the hook from its holding.

In Figure 1 is represented the reverse side of the face-plate A, fig. 5, with its attachments.

From the centre of this side of the face-plate A, fig.

1, rises perpendicularly a hollow post, marked C, fig. 1, more clearly shown in Figure 3, slotted from its top to near its base, or to the surface of the face-plate, the slot being about equal in width to the knob H, fig. 4, and its sides in line with the sides of the hole, marked S, fig. 3, through which the knob H projects.

In this slot, and at right angles to the post, is placed the irregular-shaped lever, marked E, fig. 1, more clearly shown in fig. 4, and secured in its place in this slot by the pin I, fig. 1, which forms the fulcrum about which the lever can turn as far as required.

Upon the other side of the post C, fig. 3, opposite the hole S, fig. 3, there rises from the surface of the face-plate, perpendicular thereto, the pin, marked B, fig. 3, far enough to reach through a hole in the other arm of the lever, marked F, figs. 1 and 4.

Underneath this arm of the lever, and surrounding the pin B, is a small spiral spring, marked K, fig. 1, which all the time tends to press the arm F of the lever away from the surface of the face-plate A, as shown in fig. 1.

It will readily be observed, from the above description, that when knob H, fig. 2, is pushed in, the arm of the lever E, to which it is attached, will be raised from the surface of the face-plate A, fig. 1, and the other arm of the same lever, marked F, fig. 1, will be brought nearer the surface of the face-plate, and the stem G, fig. 1, will be released from the holding, marked M, fig. 5, and the door to which it is attached can be opened.

What I claim as my invention, and desire to secure by Letters Patent, is—

The combination of the lever E, having the projections F G H, when pivoted upon the projection G cast upon the plate A; and spring K, all constructed and arranged to operate substantially as and for the purpose specified.

A. WESTCOTT.

Witnesses:

GEO. D. COWLES,
SAML. DUNCAN.