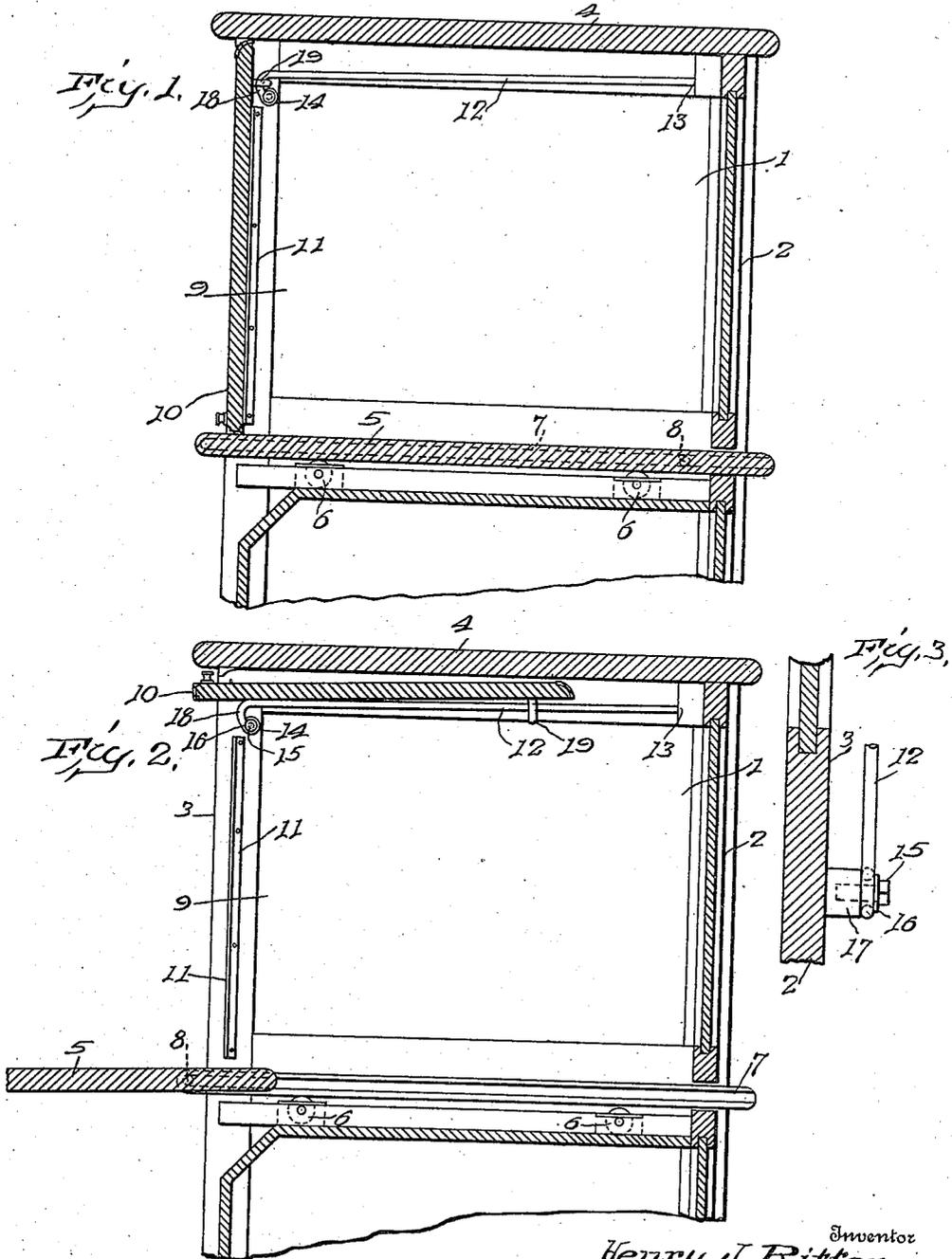


H. J. RITTER.
 TYPE WRITER CABINET.
 APPLICATION FILED MAR. 18, 1909.

972,923.

Patented Oct. 18, 1910.



Witnesses

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UNITED STATES PATENT OFFICE.

HENRY J. RITTER, OF TIPPECANOE CITY, OHIO.

TYPE-WRITER CABINET.

972,923.

Specification of Letters Patent.

Patented Oct. 18, 1910.

Original application filed October 10, 1908, Serial No. 457,080. Divided and this application filed March 18, 1909. Serial No. 484,263.

To all whom it may concern:

Be it known that I, HENRY J. RITTER, a citizen of the United States, residing at Tippecanoe City, in the county of Miami and State of Ohio, have invented certain new and useful Improvements in Type-Writer Cabinets, of which the following is a specification, reference being had therein to the accompanying drawings.

This invention relates to improvements in typewriter cabinets, and the present application is a division of original application filed October 10th, 1908, Ser. No. 457,080, disclosing, but not claiming, the present subject-matter.

The feature of the invention covered by this application embraces the typewriter case of the cabinet, and the door and its mountings for closing such case.

The essential features of this door and its mountings are the position of the door out of the way in the extreme upper part of the typewriter case, when the door is open, and the supporting rods or guides for the door adapted to form a slide for the door to travel on, and to also form at one end a hinge-like part for the door to turn on when being opened or closed, and to hang on when closed, such movements of the door to be free from binding or sticking.

In the accompanying drawings Figure 1 is a transverse vertical sectional view of a typewriter cabinet, with my improvements applied thereto, and with the door in a closed position; Fig. 2 is a like view, with the door in an open position; and Fig. 3, a detail sectional and plan view of one of the front or rear walls of the cabinet and one of the door rods, showing its connection therewith.

In the application above referred to and in the accompanying drawings, the upper part of the cabinet is shown as comprising a typewriter case. This structure is made up of a frame or casing having front and rear walls 1, a side-wall 2 and a door opening 3 at the opposite side, with a top 4 and a typewriter support 5, adapted to slide in and out of the cabinet on rollers 6 and in a grooved guide 7, in which travel rollers 8 carried by the support. These several features are embraced in said other application and are only shown in this case for facilitating an understanding of the present invention. This support 5 forms the bottom of

the typewriter case 9, when shoved in, and forms the support for the typewriter when drawn out for using the typewriter.

In the present invention the door 10 is situated in the upper part of the case and adapted to slide along immediately under the top 4 and to rest there when it is desired to have the case remain open. When the case is to be closed, this door is drawn outward and swung downward until it stands across and within the door opening 3, in which position it may rest against the jamb 11. The means of mounting this door for these movements and different positions comprises a pair of rods 12, secured near the top of the case, preferably to the side-wall 2, at one end, as shown at 13, and at the other to the other side-wall, near the door opening, as shown at 14. At this end the rods are bent to form an eye, through which is passed a retaining screw 15, with a washer 16 intervening between the head of the screw and the eye of the rod, and a spacing block 17 secured to the wall 2. This is a convenient mode of securing the rod, but it will be understood is only one of various ways that may be adopted. A special feature of these guide rods is the downward and inward bend, shown at 18, by means of which the door 10 is permitted or caused to swing in an arc of a circle as it is being opened or closed, and also by means of which the door is suspended when closed and prevented from sliding inward on the rods when in that position. The door carries an eye 19 for each rod, the eyes being near the upper or inner end of the door, while near the other margin of the door it rests upon the rods, when in an open position, as seen in Fig. 2. As seen in Fig. 1, the eyes have passed to a position on the downwardly and inwardly curved portion 18 of the rods. In reaching this position, the eyes hinge on these portions of the rods and then, when the door is closed, it comes against the outer curved parts of the rods and is prevented from moving inward until again swung outward at its lower margin.

This mode of supporting and operating the door has proved efficient in practice, while simple and economical in manufacture. It should further be stated that the guide rods, as seen in Fig. 3, are practically parallel with the adjacent walls of the case and

are, therefore, substantially parallel with each other, and that they stand away from the adjacent walls of the case enough for the door to rest upon them.

5 Having thus fully described my invention, what I claim as new, and desire to secure by Letters Patent, is:—

The combination, with a casing, and a door therefor, of substantially straight
10 guide-rods mounted in said casing, extending from the front to the rear thereof and arranged parallel with and at a distance from the respective end walls thereof, said guide-rods having at their forward ends
15 downwardly and inwardly bent portions, a door resting near one edge on said rods

when in open position, eyes secured to the inner face of said door near the other edge thereof and extending about the body portion of said guide-rods when the door is open and engaging the downwardly bent portions of said rods to form a support for said door when the latter is closed, said rods and said eyes forming the sole support for said door when it is open and maintaining
25 the same in a vertical position when closed.

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

HENRY J. RITTER.

Witnesses:

ELLIS DAVIS,
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