(No Model.)

H. T. CONDE.

TYPE WRITER CABINET.

No. 517,843. Patented Apr. 10, 1894.

Fig. 3.

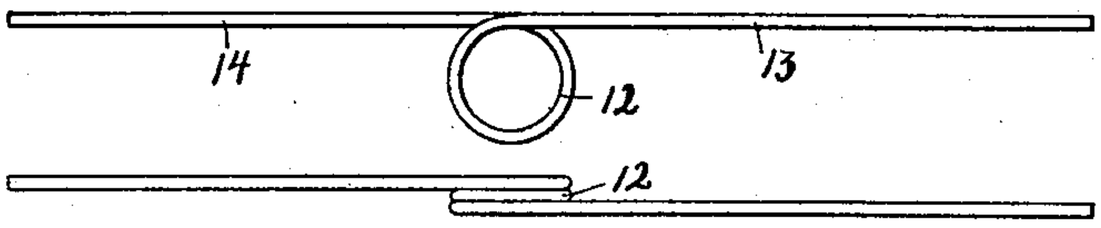


Fig. 4.

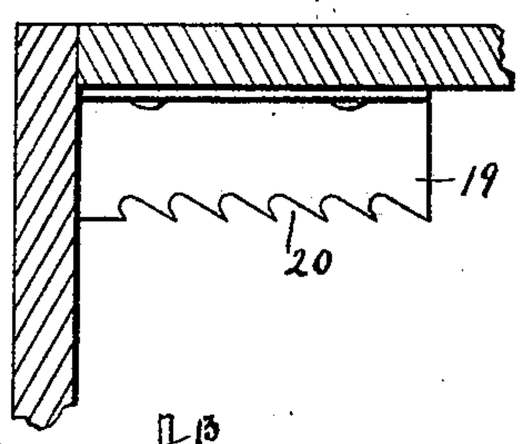


Fig. 5.

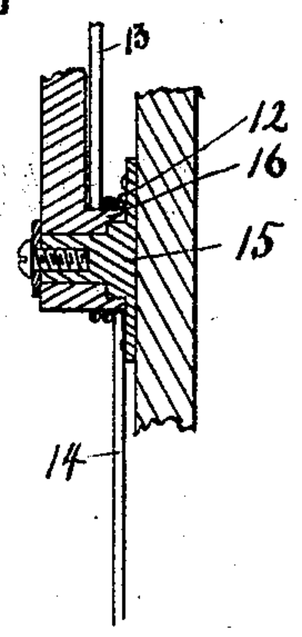


Fig. 1.

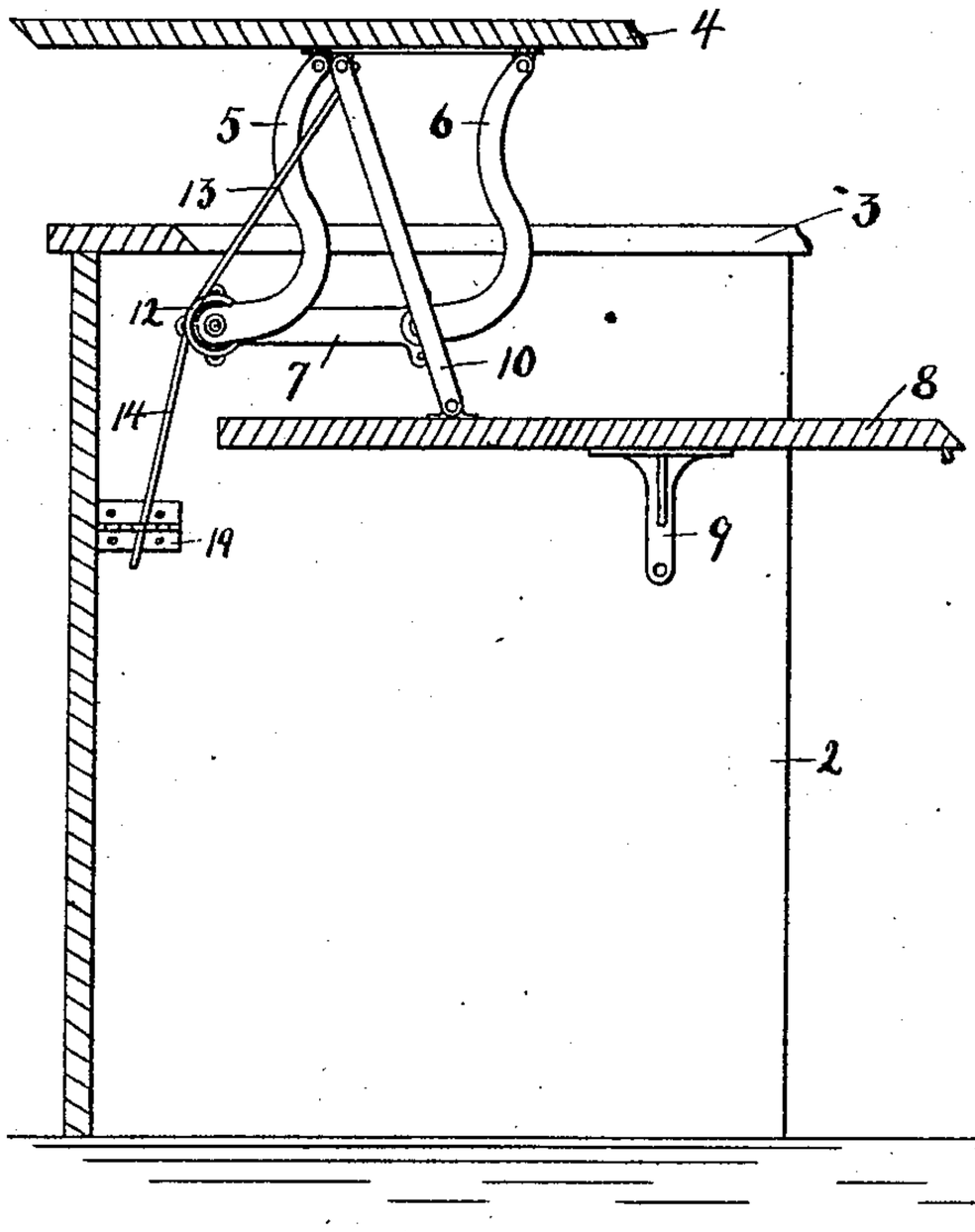
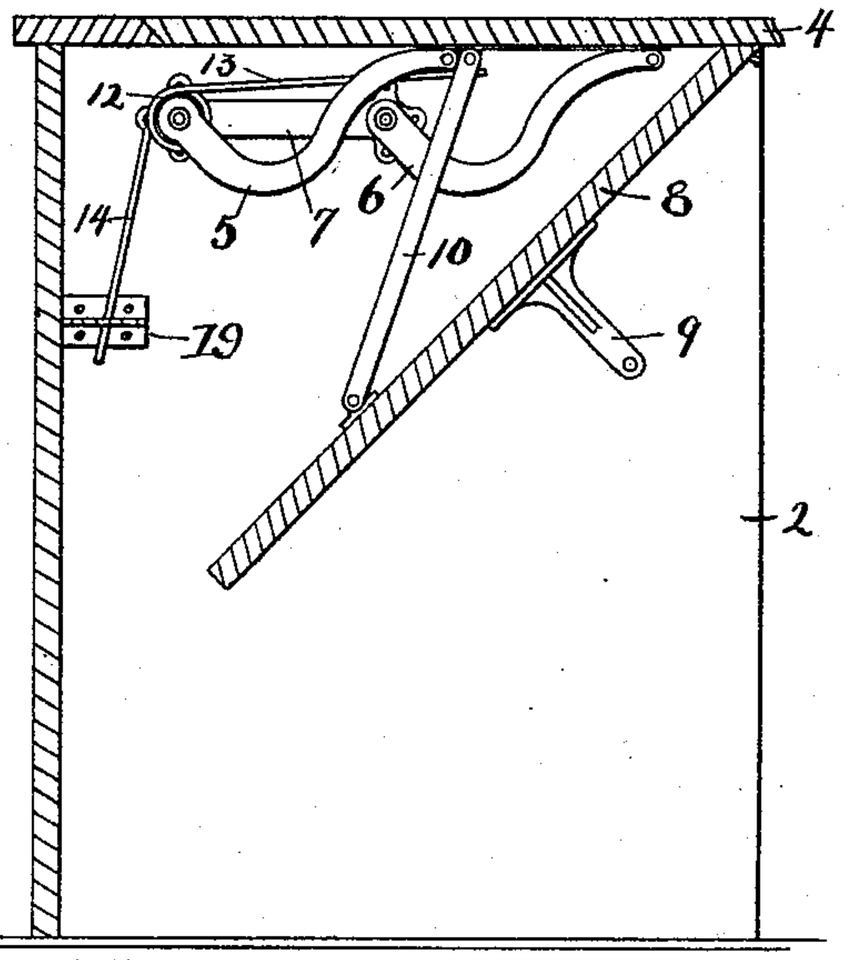


Fig. 2.



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TYPE-WRITER CABINET.

SPECIFICATION forming part of Letters Patent No. 517,843, dated April 10, 1894.

Application filed July 24, 1893. Serial No. 481,280. (No model.)

To all whom it may concern:

Be it known that I, HENRY T. CONDE, a citizen of the United States, residing at Indianapolis, in the county of Marion and State of Indiana, have invented a new and useful Improvement in Type-Writer Cabinets, of which the following is a specification.

My invention relates to an improvement in the type-writer cabinet for which Letters Patent No. 400,234, were issued to C. N. Leonard, March 26, 1889. Said cabinet consists, essentially, of a suitable casing having an open top provided with a movable cover, which is connected by two pairs of folding arms with the side walls of the casing, and a swinging table arranged beneath the movable cover and connected therewith by links, the arrangement being such that when the table is swung into a horizontal position the movable cover is raised and carried backward in a horizontal plane.

The object of my improvement is, to provide means for counterbalancing the movable cover and the table, said counterbalance being adjustable so as to balance the cover and table when type-writers of different weights are mounted thereon.

The accompanying drawings illustrate my invention.

Figure 1 represents a vertical section showing the cabinet open. Fig. 2 represents a like section showing the cabinet closed. Fig. 3 represents a side elevation and a plan, on a larger scale, of one of the counterbalancing springs. Fig. 4 represents a plan of the adjusting catch-plate. Fig. 5 represents a section, showing in detail the construction of the pivot which connects the folding arm to the side of the cabinet, and the manner of mounting the spring thereon.

In the drawings, 2, indicates one of the side walls of the cabinet-casing; 3, an opening in the top of the casing which is closed by the movable cover, 4. Cover 4 is connected at each end with the side walls of the casing by means of a pair of arms, 5, and, 6, which are pivoted at one end to the under side of the cover, and at the opposite end are pivoted to the casing, 7, which is secured to the inside of the side wall of the casing.

The table, 8, designed to support a type-writing machine, is connected at each end with the side walls of the cabinet, so as to swing in a vertical plane thereon, by means of an arm, 9, which is secured to the under side of the table and is pivoted to the side wall. Table 8 is connected at each end with cover 4 by means of a link, 10, which is pivoted at one end to the under side of the cover and at the other end to the upper side of the table.

For the purpose of counterpoising and assisting in raising the movable cover and the swinging table, I provide a pair of springs each consisting of a central coil, 12, and a pair of oppositely extending arms, 13, and, 14. I mount each of these springs in such a manner that the central coil embraces the pivot, 15, which connects arm 5 with the side of the cabinet, arm 5 being formed preferably with a hub, 16, which enters the coil and holds the arm at a short distance from the side wall, as illustrated in Fig. 5. Arm 13 of the spring rests sgainst the forward side of the pivot which connects link 10 with the under side of the movable cover, while arm 14 extends downward and engages the catch-plate, 19, which is secured to the wall of the cabinet. Plate 19 is provided with a series of notches, 20, which are adapted to engage the free end of arm 14.

The operation is obvious. When the cabinet is closed, as in Fig. 2, the spring is put in tension and operates by its recoil to assist in opening the cabinet as illustrated in Fig. 1. By shifting arm 14 of the spring from one to another of the notches in plate 19 the tension of the spring may be adjusted to the weight of the machine carried by the table.

I claim as my invention—

In a cabinet, the combination of the casing, the swinging-table pivoted to the casing, the movable cover, the parallel arms connecting said cover with the casing, the link connecting the cover and the table, the two-armed coiled spring mounted on the pivot connecting one of the parallel arms with the casing and arranged to engage the under side of the movable cover with one of its arms, and the plate secured to the casing and having a series of notches adapted to engage the other arm of the spring, all arranged to co-operate as and for the purpose set forth.

HENRY T. CONDE.

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