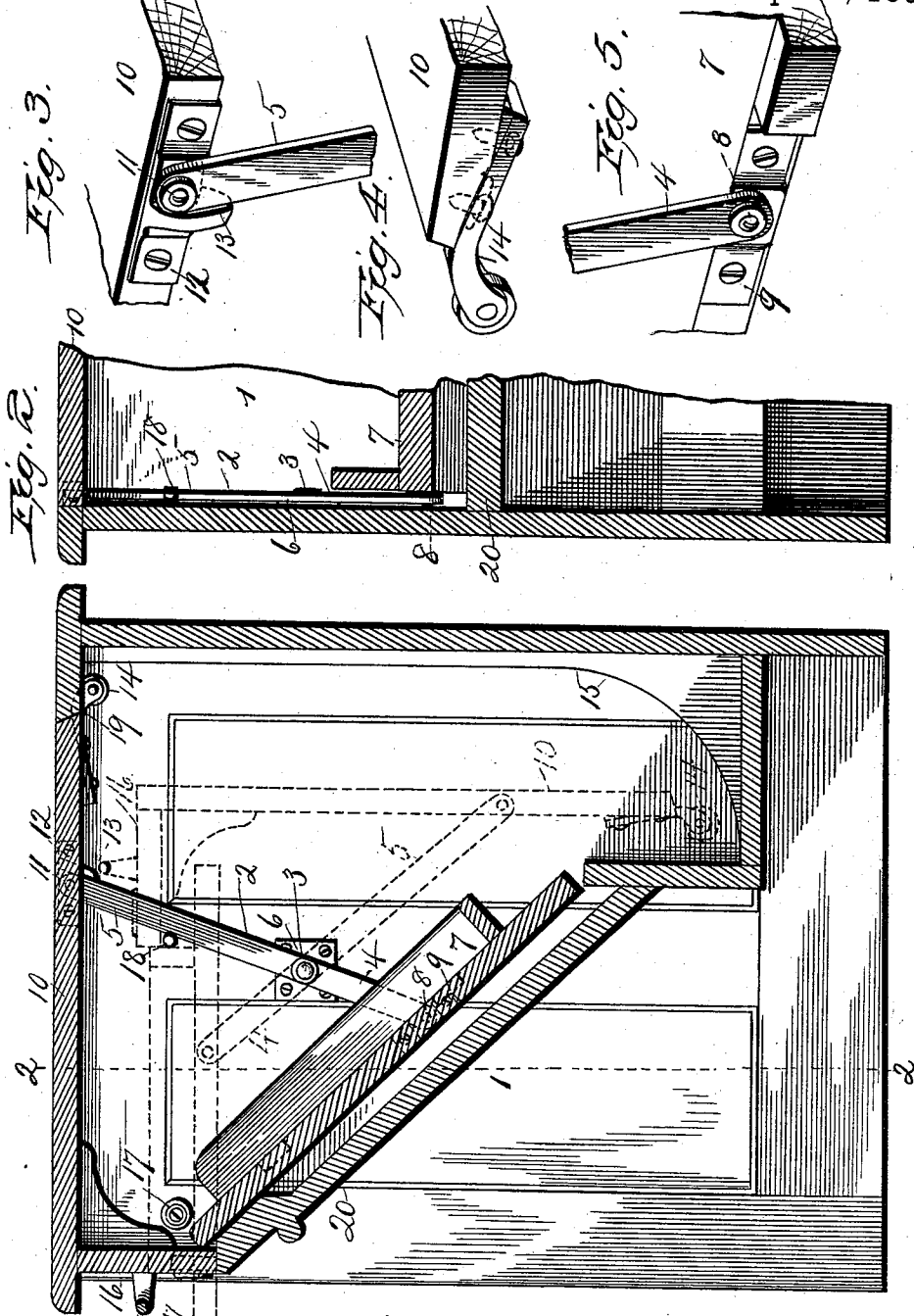


(No Model.)

H. TROST.
TYPE WRITER CABINET.

No. 536,900.

Patented Apr. 2, 1895.



Witnesses
Alfred T. Sage

Fig. 1.

Inventor
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UNITED STATES PATENT OFFICE.

HENRY TROST, OF COHOES, NEW YORK.

TYPE-WRITER CABINET.

SPECIFICATION forming part of Letters Patent No. 536,900, dated April 2, 1895.

Application filed November 28, 1894. Serial No. 530,269. (No model.)

To all whom it may concern:

Be it known that I, HENRY TROST, a citizen of the United States, residing at Cohoes, in the county of Albany and State of New York, have invented certain new and useful Improvements in Type-Writer Cabinets; and I do declare the following to be a full, clear, and exact description of the invention, such as will enable others skilled in the art to which it appertains to make and use the same, reference being had to the accompanying drawings, and to the figures of reference marked thereon, which form a part of this specification.

My invention relates to typewriter cabinets, and has for its object to provide a simplified construction composed of a minimum number of parts combined in such manner that the leaf or base which supports the typewriter will be carried down into the cabinet when the top to the cabinet is to be closed and carried up to a horizontal position when the top is thrown back and into the interior of the cabinet.

To the accomplishment of the foregoing and such other objects as may hereinafter appear the invention consists in the construction and the combination of parts hereinafter particularly described and then sought to be specifically defined by the claims.

In the drawings Figure 1 is a vertical section through the type writer cabinet. Fig. 2 is a detail longitudinal section of one side of the cabinet on the line 2—2 of Fig. 1, looking inward. Fig. 3 is an enlarged detail perspective of the connection between the cover and the levers. Fig. 4 is an enlarged detail perspective of the friction wheels attached to the rear of the cover. Fig. 5 is an enlarged detail perspective of the connection of the lever to the leaf or base.

In the drawings the numeral 1 designates the case or cabinet which may be of any approved form, dimensions and arrangement. Within the case to opposite walls thereof in any suitable manner I pivot two levers 2, each having a short arm 4 and long arm 5 made by the point at which the levers are pivoted to the walls of the cabinet, the pivot pins 3 of the two levers being preferably cast integral with the plates 6 which are secured by screws or otherwise to the opposite sides of the case.

To the ends of the short levers 4 is pivoted the leaf or base 7 which supports the typewriter, the connection between said leaf and levers being made toward the rear of the leaf on opposite sides thereof and by means of pivot pins 8 extending from plates 9 which are screwed or otherwise secured to the opposite side of the leaf.

To the ends of the long arms of the two levers is pivoted or hinged the top 10 of the cabinet, the pivoting or hinging being effected by means of pivot pins 11 which are formed on the plates 12 which are screwed or otherwise secured to the rear portion of the top or cover on opposite sides thereof as illustrated. These plates 12 are formed with stops or shoulders 13 which lie back of the rear edges of the levers 2 and at one point in the downward movement of the top or cover bear against the long arms so as to prevent the rear or lower edge of the cover being thrown forward so as to strike or interfere with the typewriter carried downward with the base or leaf. These stops or shoulders also bear against the long arm at a point in the upward movement of the top or cover and tend to exert a forward pressure on said arm and thus aid in the movement of said levers.

To the rear opposite corners of the top or cover I attach friction wheels or rollers 14 which in the forward and backward movement of the top or cover bear against the track or rails 15 secured to the rear of the case at opposite corners, and the lower portion of which curves inwardly so as to throw the rear end of the top or cover inwardly when in its poised position and thus bring the front piece 16 of the cover close to the rear of the leaf or base to the typewriter.

I may attach friction rollers 17 to the inside walls of the case near the front of the case or other appropriate place so that they will lie over the side edges of the leaf or base for the typewriter and thus assist in guiding the same. I also attach a suitable stop or stops 18 to the sides of the interior of the case so that the long arms of the levers will come against the same after the typewriter base or leaf has been tilted and carried downward sufficiently to take it wholly within the case, these stops 18 thus limiting the movement of the levers and causing the typewriter to stand

at the most convenient point within the case and permit the top or leaf to turn on its pivot or hinge so as to lie in a horizontal position and form a portion of the flat top of the top of the case. I also form recesses 19 in the under face of the rear top portion of the case so that when the top is in its horizontal position the friction wheels or rollers 14 will lie in said recesses.

The bottom of the case is preferably formed of an inclined board 20 the top edge of which may constitute a rest for the front piece 16 of the top.

In operation the type writer rests upon the leaf or base 7, the feet of the type writer fitting in sockets or holes formed in the base so as to receive the same and suitable clamps in addition may be used to hold the type writer in place. Assuming that the type writer base or leaf is in its horizontal position and it is desired to close up the cabinet, the handle 21 of the top is grasped by the hand and an upward pull made thereon when the type writer leaf or base is tilted and as the pull is continued said leaf or base is then moved or carried downward and the top or cover brought over so as to close up the top of the cabinet with the type writer inclosed within the cabinet. The levers are so proportioned that the type writer leaf or base will stand at such an inclination that the type writer will not fall or tilt backward therefrom when the leaf is in its inclined position; the parts being also so proportioned that the top or cover will at all times be free from contact with the type writer. This construction affords a very simple arrangement of parts which are efficient in operation to raise and lower the type writer with but little effort on the part of the operator. The parts are also so few and so simple that they are very strong and durable and not liable to get out of working order.

I have described with particularity what I consider to be the best construction and arrangement of the several parts, but it is obvious that changes can be made in details without departing from the essential features of my invention.

Having described my invention and set forth its merits, what I claim is—

1. The combination with the type writer case, of the type writer leaf or base, free to slide horizontally and tilt, rearwardly the top or cover adapted to move backward and downwardly inside the case, the side levers having each a long and a short arm, the long arms of said levers being hinged to the top or cover and the short arms to the said leaf or base whereby as the top is thrown back and down inside of the case the leaf will be caused to slide and tilt, and stops or shoulders adapted to bear against the long arms of the levers as the top is thrown back and down inside the case and thus prevent the top coming in contact with the type writer, substantially as and for the purposes described.

2. The combination of the tilting and sliding type writer leaf or base, the top or cover, the levers having their short arms connected to the base or leaf and their long arms to the top or cover, the friction wheels or rollers attached to the rear of the top or cover, and the track or rails curved inwardly at their lower ends for the said wheels to run upon, substantially as and for the purposes described.

3. The combination of a tilting and sliding type writer leaf or base, the top or cover, the levers having a top or cover attached to the long arms thereof and the leaf or base to the short arms, the shoulders or stops attached to the top or cover and adapted to bear against the long arm of said levers, the stop to limit the forward movement of the long arms or levers, the friction wheels or rolls attached to the rear of the top or cover, and the tracks or rails for said wheels to run upon, substantially as and for the purposes described.

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

HENRY TROST.

Witnesses:

ISAIAH FELLOWS, Jr.,
WILLIAM J. GRAHAM.