

Aug. 2, 1938.

E. D. ESTRATES ET AL

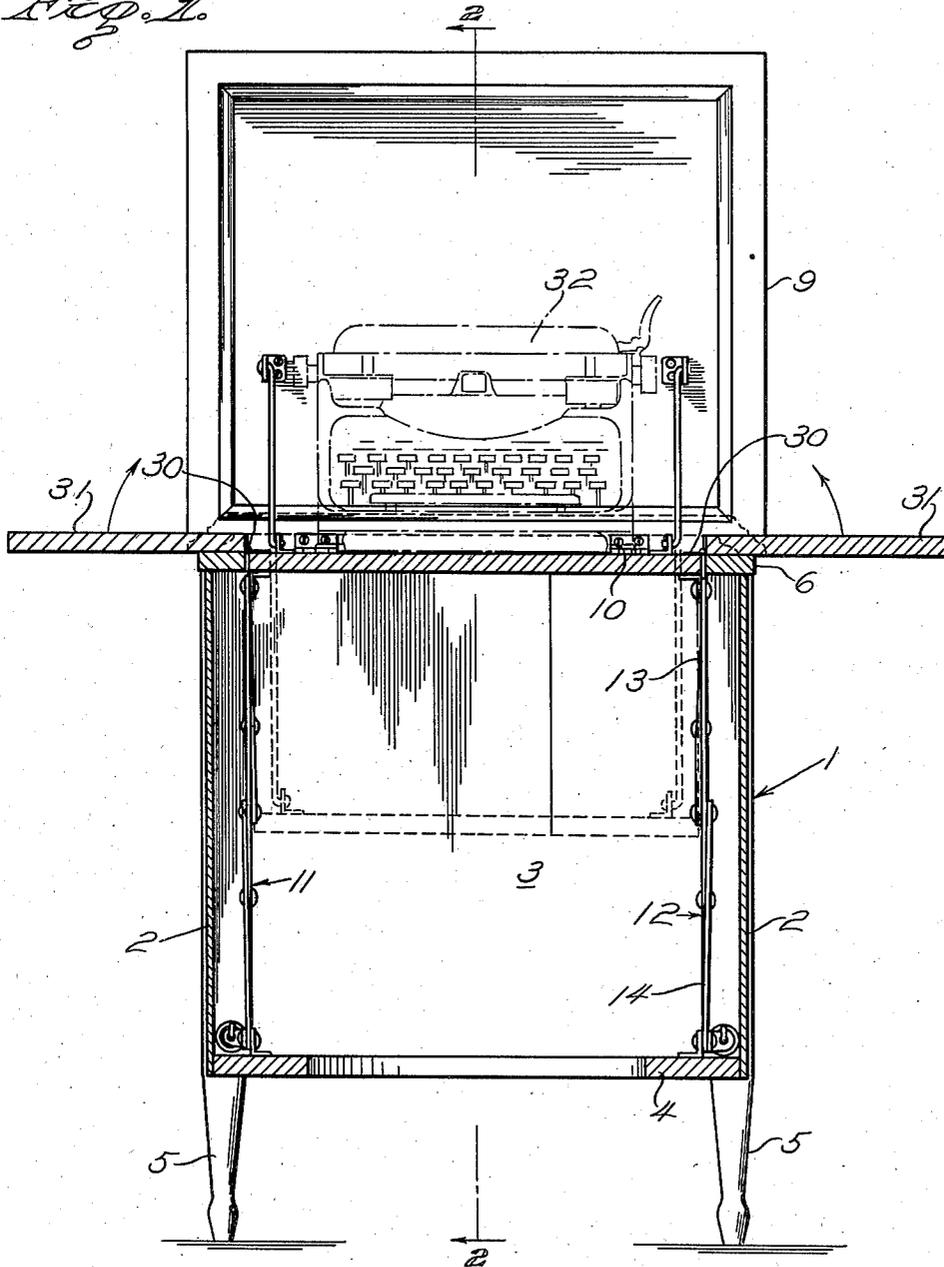
2,125,777

CONVERTIBLE TYPEWRITER CABINET

Filed May 3, 1937

2 Sheets-Sheet 1

Fig. 1.



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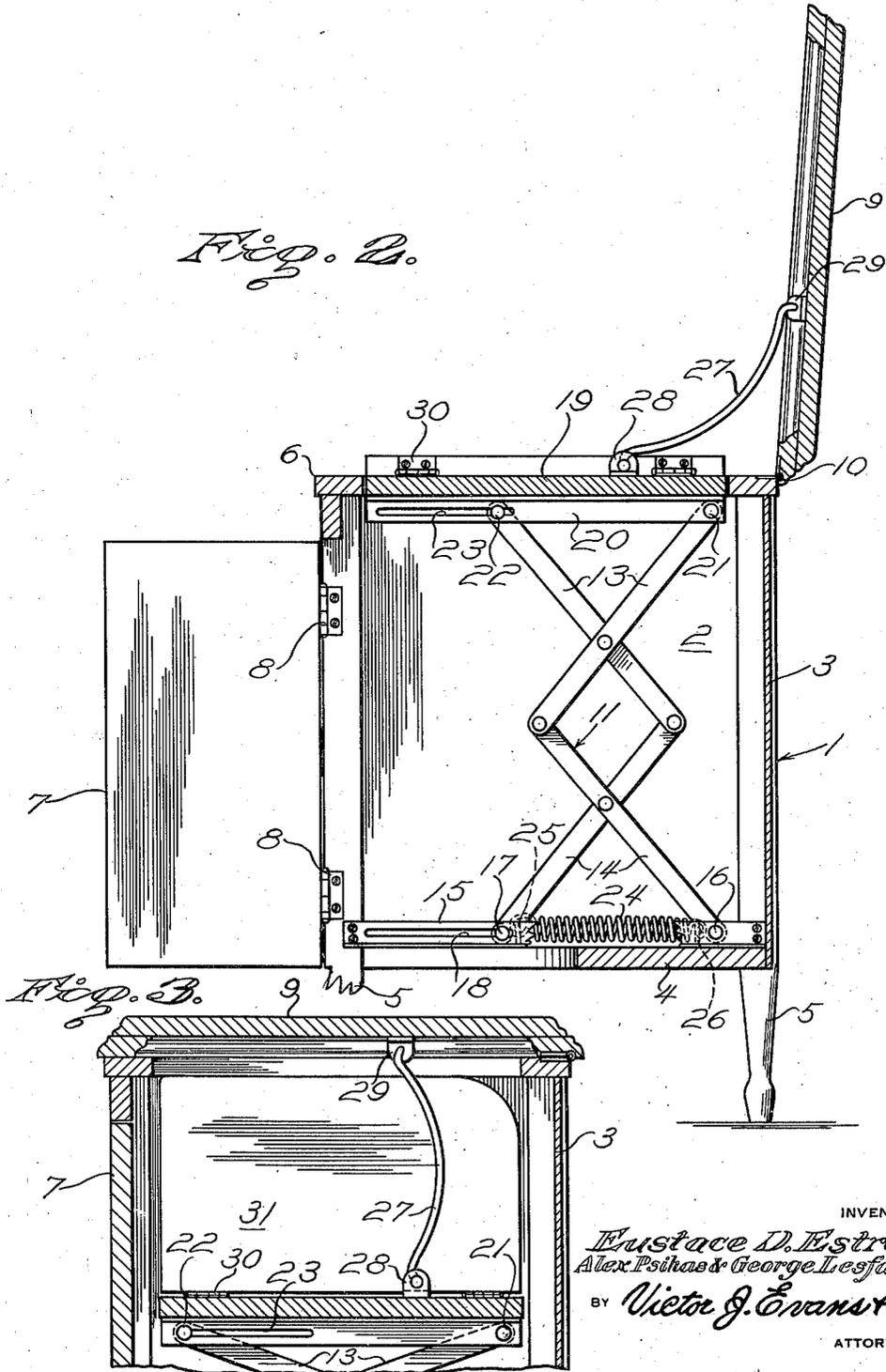
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UNITED STATES PATENT OFFICE

2,125,777

CONVERTIBLE TYPEWRITER CABINET

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Application May 3, 1937, Serial No. 140,518

3 Claims. (Cl. 312-24)

Our invention relates to office furniture, and more particularly to improvements in convertible typewriter cabinets.

The primary object of our invention is to provide a simply constructed cabinet equipped with a disappearing typewriter support readily movable from a folded position within the cabinet to an unfolded position to form a flat top typewriter supporting desk.

Another object is to provide in conjunction with the above, a disappearing typewriter support movable from a folded to an unfolded position to convert the cabinet into a desk, together with desk forming members disappearing in the cabinet with the support.

Still another object is to provide a cabinet equipped with improved folding typewriter supporting means especially designed to be easily and quickly folded and unfolded.

Other objects together with the nature of our improvements will be readily understood when the following description and claims are read with reference to the drawings accompanying and forming a part of this specification.

In said drawings:

Figure 1 is a view in transverse vertical section of a cabinet constructed in accordance with our invention and showing the cabinet converted into the form of a desk.

Fig. 2 is a view in vertical section taken on the line 2-2 of Fig. 1 looking in the direction indicated by the arrows, and

Fig. 3 is a fragmentary view similar to Fig. 2 illustrating the typewriter support in folded and disappearing position.

In its preferred embodiment our invention comprises a rectangular cabinet, designated 1, and including side panels 2, a rear panel 3, a bottom wall 4, front and rear corner legs 5, and a top frame 6 extending around the top edges of the panels 2 and 3 and across the front legs 5. At its front the cabinet is provided with a pair of doors, one of which is shown at 7, hinged to the front legs 5 as at 8. A top 9 is hinged to the rear of the frame 6, as at 10, to fold down over the latter and close the top of the cabinet.

Within the cabinet 1 is a pair of opposed vertically disposed lazy tong devices 11 and 12, respectively, each comprising an upper pair of angularly related bars 13 and a lower pair of similarly related bars 14. Fixed in the lower part of the cabinet 1, at opposite sides thereof, is a pair of horizontal bars 15 for supporting the lazy tong devices 11 and 12, respectively, and upon which said devices are mounted as follows. The lower

end of one of the bars 14 of each lazy tong device is pivoted, as at 16, to the related supporting bar 15, whereas the other bar 14 is slidably connected to said bar 15 as by a stud 17 passing through a horizontally disposed slot 18 in said bar 15 so that said devices 11 and 12 may be folded downwardly into the lower part of the cabinet 1, or, unfolded to position the upper ends of the bars 13 adjacent the top edge of the cabinet.

A typewriter supporting table is mounted on the upper ends of the devices 11 and 12 in the following manner. Fixed to the under side of said table 19, in any suitable manner, and at the opposite side edges thereof is a pair of opposed horizontal bars 20 parallel with the bars 15. The pairs of bars 13 are connected to the pair of bars 20, respectively, in the same manner as described, with reference to the bars 14 and 15, by pivots 21 and studs 22, the latter passing through slots, as at 23, in said bars 20. Each lazy tong device 11 and 12 is tensioned for unfolding movement by a spring 24 one end of which is connected to an ear 25 on one of the bars 14, the other end being connected to an ear 26 on the related supporting bar 15. Links 27 having their opposite ends connected to lugs 28 and 29 fixed to the table 19 and top 9, respectively, connect the top 9 to the table 19 so that when said top is swung to closing position the lazy tong devices 11 and 12 are folded down into the cabinet 1 lowering the table therein to a suitable hidden position and, conversely, when said top is swung open to a substantially vertical position, said devices are unfolded and the table 19 elevated to a position flush with the frame 6. In this connection it is to be noted that the slots 18 and 23 are of the proper length to limit movement of the studs 17 and 22 therein, and limit movement of the table 19 in said positions.

Hinged to the top of the table 19, as at 30, at the opposite side edges thereof, is a pair of leaves 31 adapted in the elevated position of the table 19 to lie flat against the sides of the frame 6 and form extensions at the sides of the cabinet 1. The arrangement of the leaves 31 is such that by swinging them on their hinges 30 into substantially right angular relation to the table 19 they may be lowered with said table into the cabinet 1 to disappear with said table.

It may be stated that the tensile strength of the springs 24 is such that the weight of the table 19, typewriter 32 thereon, and the leaves 31 will be counter-balanced by said springs in the elevated position of said table. It will be noted that the leaves 31 in their extended posi-

tions tend to fulcrum under their own weight on the frame 6 and sustain the table in elevated position.

In the foregoing our invention has been described as embodying certain details of construction and relation of parts, but is to be understood that right is herein reserved to changes in details and relation of parts within the scope of the appended claims.

10 What we claim is:

1. A typewriter cabinet open at its upper end and comprising, a table for supporting a typewriter, lazy tong devices supporting said table for vertical movement inwardly and outwardly of the cabinet, stops for limiting outward movement of said table to the plane of said upper end to close the latter, a pair of leaves on opposite sides of said table, respectively, hinged thereto to be swung over and against the upper edges of said cabinet when said table is located in said plane, and a top for the cabinet hinged thereto and operatively connected to said table to move the same.

2. A typewriter cabinet open at its upper end and comprising, a table for supporting a typewriter, lazy tong devices supporting said table at its opposite edges for vertical movement inwardly and outwardly of the cabinet and tensioned to move said table outwardly, stops for limiting outward movement of the table to the plane of the upper end of the cabinet to close

said end, a pair of leaves on opposite sides of said table, respectively, hinged thereto to be swung over and against the upper edges of said cabinet when said table is located in said plane, and a top for the cabinet hinged thereto and operatively connected to said table to move the same.

3. A typewriter cabinet comprising, a table for supporting a typewriter, means for supporting said table for movement of the latter inwardly and outwardly of said cabinet and comprising a pair of parallel bars secured to opposite sides of the table, respectively, a pair of similarly arranged bars secured in the bottom of the cabinet at opposite sides thereof respectively, a pair of lazy tong devices pivotally and slidably connected to bars of the first and second mentioned pairs respectively, springs tensioning said devices to urge the same in a direction to move the table outwardly, cooperating stop devices on said bars and lazy tong devices, respectively, for limiting inward and outward movement of said table, a pair of leaves hinged to opposite side edges of the table to swing inwardly and outwardly thereof, and a top for the cabinet hinged thereto and operatively connected to the table to move the latter.

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