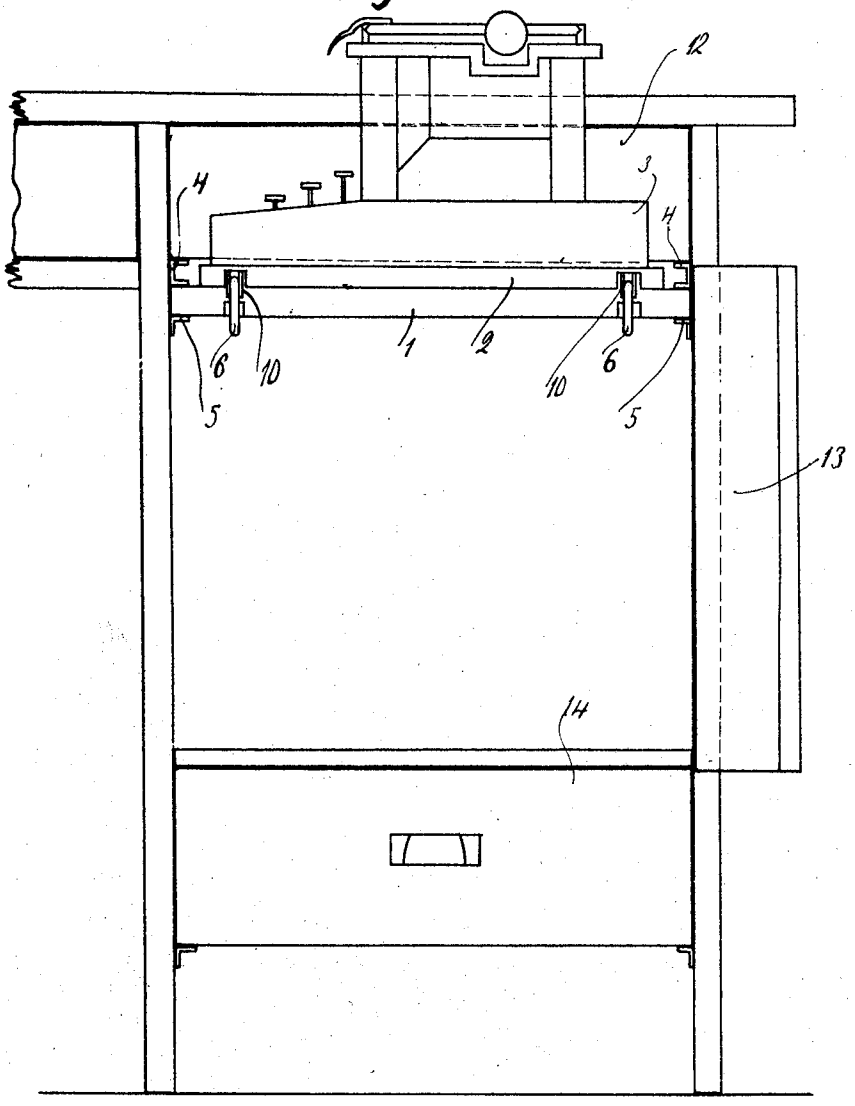
Nov. 6, 1928. 1,690,822

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DEVICE FOR THE ERECTION AND KEEPING OF TYPEWRITERS

Filed Oct. 25, 1927 2 Sheets-Sheet 1

Fig. 1.



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Fig. 2.

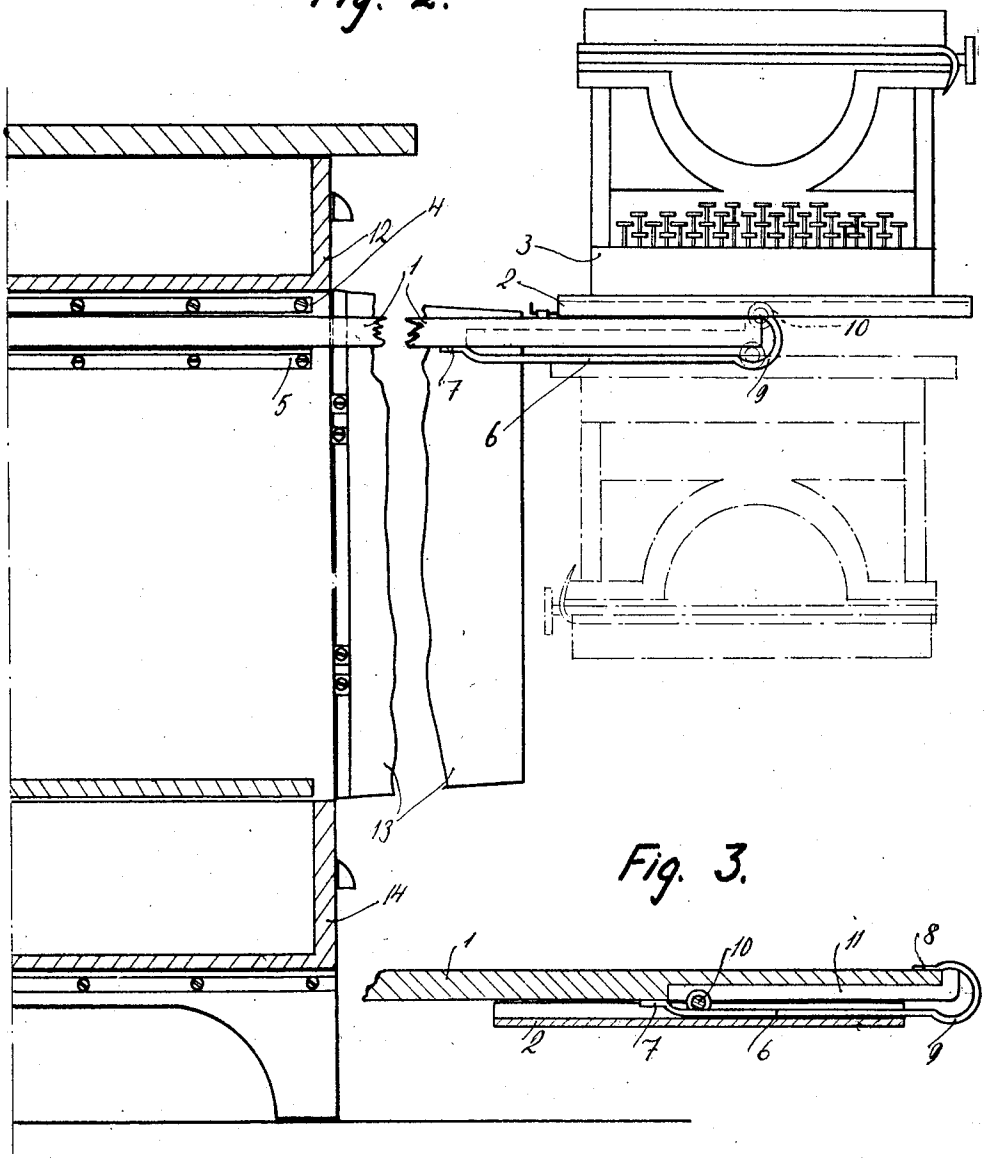


Fig. 3.

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UNITED STATES PATENT OFFICE.

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DEVICE FOR THE ERECTION AND KEEPING OF TYPEWRITERS.

Application filed October 25, 1927, Serial No. 228,602, and in Sweden November 28, 1925.

This invention relates to a device for bringing a typewriter, calculating-machine or other like office-machine movably connected with a table or the like into a position suitable for use, from a more or less hidden position in which the machine may be kept during other times.

According to the invention the device is such that the frame of the machine with its feet or corresponding parts is fastened to a sliding shelf or like support. At the opposite sides of the support are positioned two coaxial grooved rollers or the like, the common axis of which is almost directly under the center of gravity of the machine. These grooved rollers engage correspondingly formed guide strips or the like, each of which has one end fastened to the lower side of a table plate or the like which may be arranged in a known manner to slide beneath a drawer of the table, preferably in one side compartment thereof, and its other end curved and fastened to the upper side of the plate near the front edge thereof, so that the support with the machine may be easily moved forward on the guide strips and then turned up in position for use or vice versa. The guide strips are in their front part, where the curvature upward begins, preferably first bent somewhat downward in order that the grooved rollers may drop into this downward curvature, whereby a certain bearing is obtained for turning the support. Recesses are preferably formed above the guide strips on the under side of the table plate, for permitting the rollers to project somewhat therein and for allowing the sliding support to be suspended close up against the table plate.

The accompanying drawings show one form of device embodying this invention.

Fig. 1 is a front view of the device positioned at one side compartment of a writing-table, said compartment being generally occupied by drawers, with a typewriter in the position intended for writing;

Fig. 2 is a side view of the device with the writing-table in section, showing the device with the machine in the position for writing (in full lines) and in downward turned position (in dash lines), together with the guide means in the side compartment for the movable table plate; and

Fig. 3 is a sectional view through the table plate and the support, and a side view of a guide strip for a grooved roller.

1 indicates the sliding plate, and 2 the support with the type-writer 3 fastened to it. The plate is guided by a suitable guiding device, for instance angle irons 4 and 5. The width of the support 2 is somewhat less than that of the plate 1 so that in its lowered position it will not interfere with the angle irons 5 when the plate 1 is slid into its compartment.

On the plate 1 are two guide strips 6, each of which has one end 7 secured to the lower side of the plate in a suitable manner, and the other end 8 curved upward and secured to the upper side of the plate at the front edge thereof. As seen in Fig. 3, the guide strip is provided with a downward curvature 9 just at the bottom of the upward curve in order that the coaxially mounted grooved rollers 10 on the support 2 may drop into these downward curvatures 9 when the plate 1 is moved forward from the position shown in Fig. 3 to such an extent that the machine and its support may be turned up into writing position. After the support 2 has been turned around so that the machine takes the position intended for writing, the support 2 is locked to the plate 1 by a suitable locking device as may readily be understood. 11 indicates a recess in the under side of the plate 1 over the guide strip 6, in which recess the roller 10 projects.

When securing the device to one compartment of a writing-table, as shown in Figs. 1 and 2, one does not let the removable plate take the usual position over the drawers but preferably places at the top a drawer 12 (Fig. 2) and under this the guide means, that is to say the angle irons 4 and 5, for the table-plate. When the table-plate with the support inverted is pushed into the side compartment, the side compartment may be closed by a door 13, preferably adapted so as to be turned only 90° from the shutting position when being opened, and having on its inside a shoulder (not shown) adapted to support one side of the table-plate 1 while sliding as well as during the use of the machine. One more drawer 14 may be placed below the compartment.

Having now described my invention, what I claim as new and desire to secure by Letters Patent is:

1. A device for bringing a typewriter or like machine into a position suitable for use from a more or less concealed position within

a table or the like, comprising a movable support to which the bottom of the machine may be secured, coaxial rollers on the support positioned substantially beneath the center of gravity of the machine, a flat member slidable into and out of the table, guide strips for the rollers, each said strip having one end secured to the under side of the flat member at a distance from the outer edge thereof and having its other end curved upward around said outer edge and secured to the upper side of the flat member, whereby the movable support and machine attached thereto may be moved forward and backward on the guide strips and turned up into operative position when the rollers are in engagement with the upwardly curved ends of the guide strips.

2. A device according to claim 1 in which each guide strip is curved downwardly adjacent the point where it begins to curve up.

3. A device according to claim 1 in which the flat member is provided with recesses in its under surface above the guide strips, into which recesses the rollers project, in order that the movable support may be suspended close up against the bottom of the flat member.

In witness whereof, I have hereunto signed my name.

KARL ALBIN ABRAHAM JOHANSSON.