

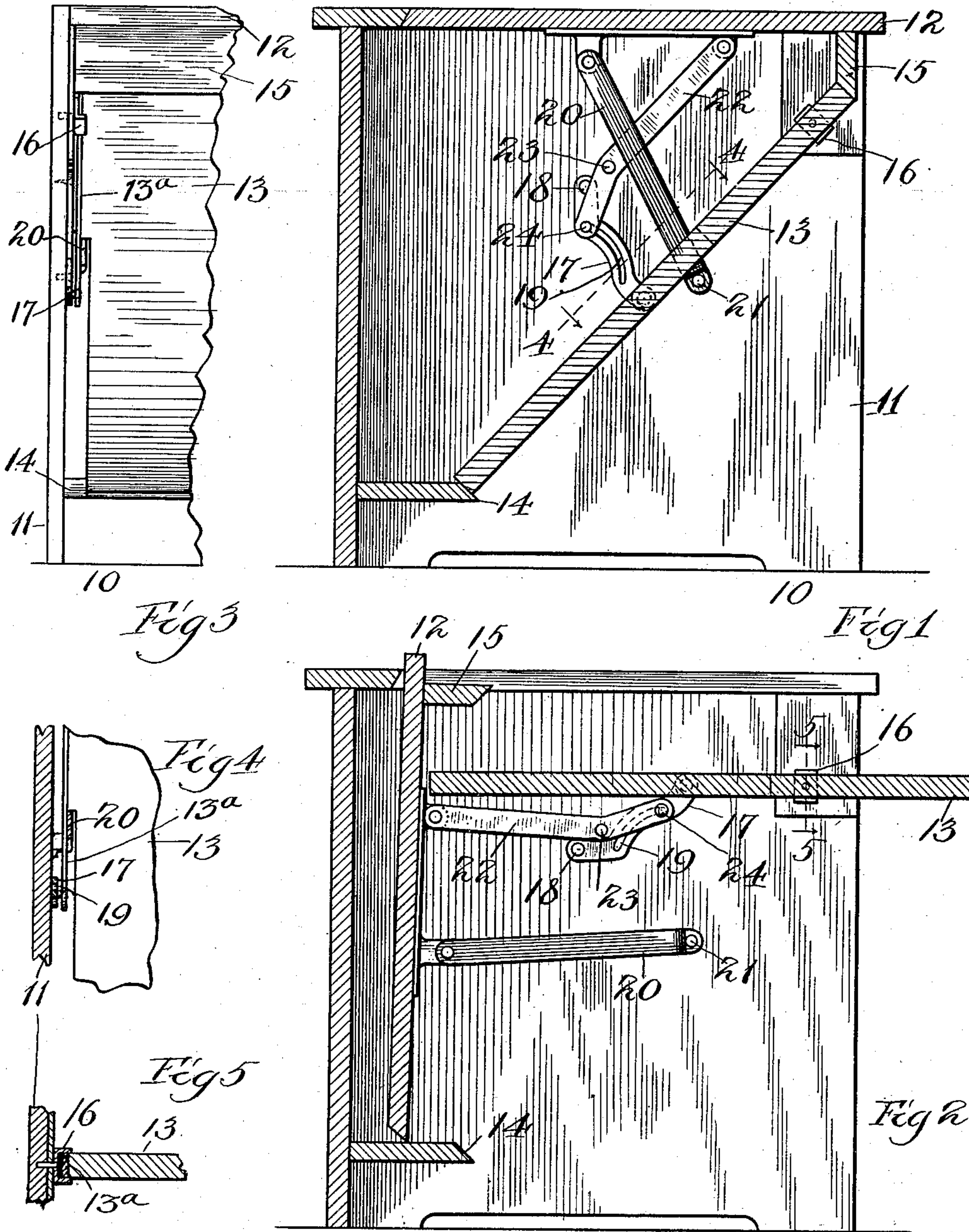
No. 654,974.

Patented July 31, 1900.

M. J. HAFGAR.  
TYPE WRITER DESK.

(Application filed May 12, 1900.)

(No Model.)



Witnesses  
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# UNITED STATES PATENT OFFICE.

MAGNUS J. HAFGAR, OF CHICAGO, ILLINOIS, ASSIGNOR TO OLAF C. S. OLSEN,  
OF SAME PLACE.

## TYPE-WRITER DESK.

SPECIFICATION forming part of Letters Patent No. 654,974, dated July 31, 1900.

Application filed May 12, 1900. Serial No. 16,458. (No model.)

*To all whom it may concern:*

Be it known that I, MAGNUS J. HAFGAR, a citizen of the United States, and a resident of Chicago, county of Cook, and State of Illinois, have invented certain new and useful Improvements in Type-Writer Desks, of which the following is a specification, and which are illustrated in the accompanying drawings, forming a part thereof.

10 This invention relates to that class of type-writer desks in which an oscillating table for carrying the type-writer is controlled by an oscillating cover for the well within which the table is hung.

15 The objects of the invention are to simplify and cheapen the construction of desks of this type and secure ease of movement; and it consists in the construction hereinafter described and illustrated in the accompanying drawings, in which—

20 Figure 1 is a transverse vertical section of a desk through its well, the desk being closed. Fig. 2 is a similar view, the desk being open. Fig. 3 is a detail front elevation. Fig. 4 is a detail, partly in section, viewed from the line 4 4 of Fig. 1; and Fig. 5 is a sectional detail on the line 5 5 of Fig. 2.

25 The desk 10 is provided with a well, as is usual in this class of furniture, one wall of the well being shown at 11. A cover 12 fits over the well when the desk is closed and is turned backwardly into the well, as shown in Fig. 2, when the desk is open. The table 13 for carrying a type-writer assumes an inclined position when the desk is closed, its inner end resting against a shelf 14 across the bottom and rearward portion of the well, and a curtain 15, depending from the forward portion of the cover 12, closes the space between the latter and the front edge of the table when the desk is closed.

30 The supports at both sides of the table and cover being identical in form of construction, I have shown and will describe one set only. 35 The forward portion of the table is supported and guided by a loop 16, swiveled upon a pin setting into the wall 11, the loop having a lip extending over and another extending under the table, so that the latter is prevented from either falling or being lifted out of engagement with the loop, but may freely slide

therein, the loop turning upon its pin as the inclination of the table is changed. The rearward end of the table is supported by a link 17, pivoted to the wall 11 at 18 and having a longitudinal slot 19.

40 In order to provide clearance for the link 20, the rearward portion of the edge of the table 13 is cutaway, as shown in Fig. 3. The connection of the link 17 with the table is by means of a plate 13<sup>a</sup>, secured along the forward portion of the edge of the table 13 and projecting back so as to partly overlap the cut-away portion, and the link 20 lies between this projecting end of the plate 13<sup>a</sup> and the table when the desk is closed.

45 The rearward portion of the cover 12 is supported by a rigid link 20, pivoted at 21 to the wall 11, and the forward portion of the cover is supported by the long arm of the lever 22, pivoted to the wall 11 at 23, the short arm of the lever being provided with a lateral pin 24, which engages a recess in the slot 19 in the link 17.

50 In order to open the desk, the front edge of the cover 12 is raised, the initial movement being about the pivot uniting the link 20 with the cover. By this action the short arm of the lever 22 is thrown forwardly and necessarily carries with it the link 17, thus advancing the table 13. The movement of the cover being continued, the link 20 turns upon the pin 21 and the cover descends into the well, the lever 22 being brought to the position shown in Fig. 2, thereby raising the table 13 to a horizontal position. The pivot 18 is below the pivot 23, and as the lever 22 and link 17 are advanced by the descent of the cover the pin 24 is carried along the groove 19 towards the table 13.

55 When the desk is open, the table is sufficiently advanced so that a type-writer occupying the position usual in such desks will be directly in line with the guide-loops 16, and the weight of the cover is sufficient to support the rearward end of the table.

I claim as my invention—

1. In combination, a desk having a well, an oscillating table within the well, a support for the forward end of the table, a table-supporting link pivoted to the wall of the well and to the table and having a longitudinal



slot, an oscillating cover for the well, a link pivoted to the wall of the well and to the rearward portion of the cover, a lever pivoted to the wall of the well and having its long arm pivoted to the forward portion of the cover, and a pin in the short arm of the lever and engaging the slot in the table-supporting link.

2. In combination, a desk having a well, an oscillating table within the well, a support for the forward end of the table, a table-supporting link pivoted to the wall of the well and to the table, an oscillating cover for the well, a link pivoted to the wall of the well and to the rearward portion of the cover, a lever pivoted to the wall of the well and having its long arm pivoted to the forward portion of the cover and its short arm in

sliding engagement with the table-supporting link.

3. In combination, a desk having a well, an oscillating table within the well, a swiveled support for the forward end of the table, a table-supporting link pivoted to the wall of the well and to the table, an oscillating cover for the well, a link pivoted to the wall of the well and to the rearward portion of the cover, a lever pivoted to the wall of the well and having its long arm pivoted to the forward portion of the cover, and its short arm in sliding engagement with the table-supporting link.

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