

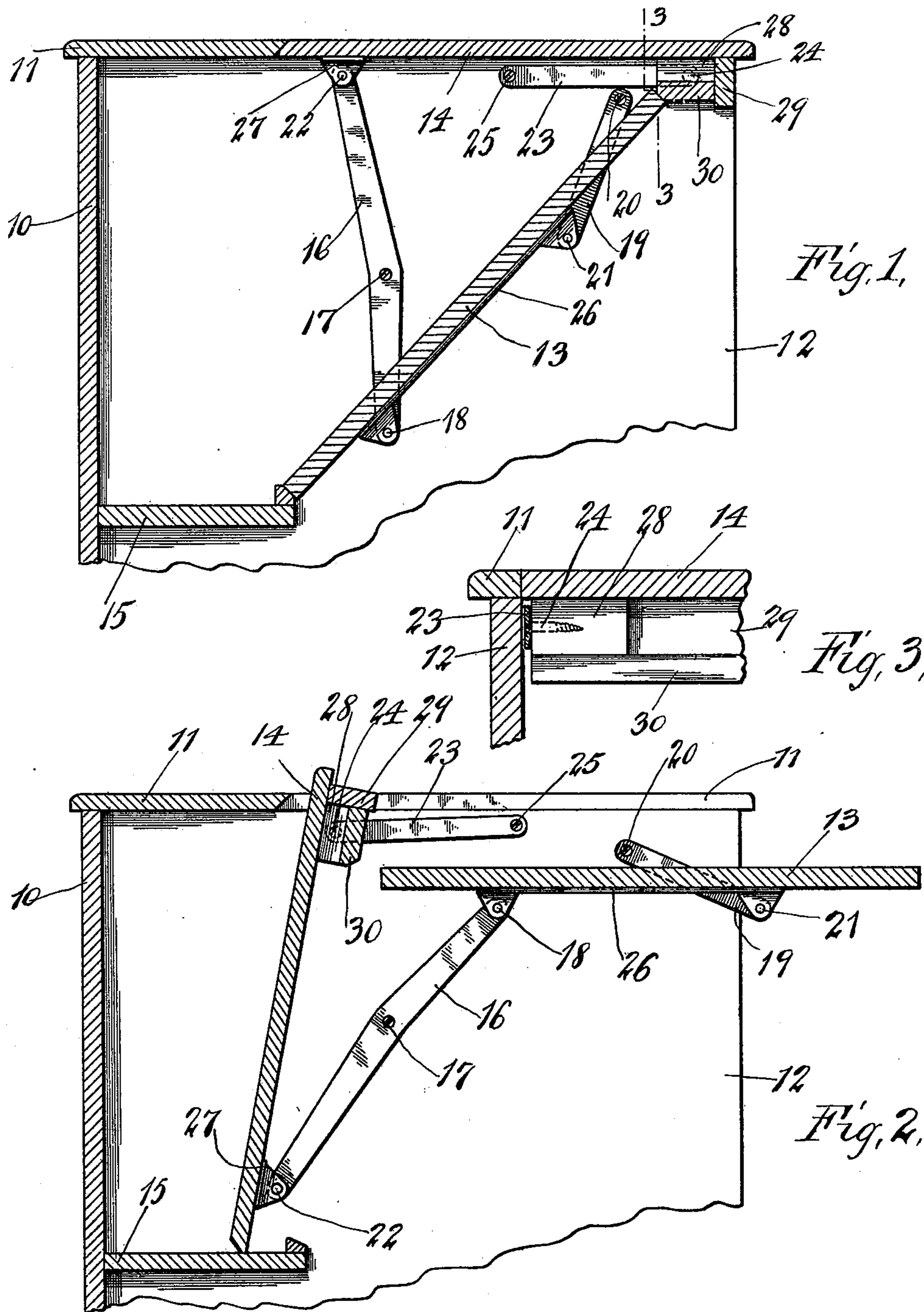
No. 675,729.

Patented June 4, 1901.

M. J. HAFGAR.
TYPE WRITER DESK.

(Application filed Dec. 20, 1900.)

(No Model.)



Witnesses
Nelson Kurlbert,
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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. 675,729, dated June 4, 1901.

Application filed December 20, 1900. Serial No. 40,561. (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 improved means for hanging and supporting the table for the type-writer and cover for the desk-well, its object being to cheapen and simplify the construction and render the action light and
15 easy.

The invention consists in the structure hereinafter described, and which is illustrated in the accompanying drawings, in which—

20 Figure 1 is a vertical section of the desk through its well, one of the side walls of the latter being shown in elevation and the desk being closed. Fig. 2 is a similar view, the desk being open; and Fig. 3 is a detail section on the line 3 3 of Fig. 1.

25 As the invention is applicable to any of the ordinary forms of desks, I have not deemed it necessary to show more than the sectional views which disclose the form, relation, and action of the several novel parts, and it will
30 be understood that there is shown herein only the supporting mechanism at one side of the desk-well, that at the other side being a mere duplication.

35 The rear wall of the desk is shown at 10, its top at 11, one side wall of its well at 12, its type-writer table at 13, and the cover for its well at 14. The type-writer table assumes a backwardly and downwardly inclined position when the desk is closed, usual in desks
40 of this character, and the shelf 15 is thrown across the well to receive the rearward end of the table when in its closed position and closes the space between it and the rear wall 10 of the desk. The table 13 is supported by
45 a lever 16, pivoted to the side wall of the desk-well at 17 and to the table near its rearward end at 18, and by a link 19, pivoted to the wall of the desk-well at 20 and to the table near its forward end at 21. The cover 14 is
50 supported by the lever 16, pivoted to it near its rearward end, as shown at 22, and by a

link 23, pivoted to the wall of the desk-well, as shown at 25, and to the cover near its forward end, as shown at 24.

For convenience in manufacture, as well
55 as for added strength, a plate 26 is secured to the under face of the table 13 and is provided with a hinge-lug at each end to accommodate the pivot-pins 18 and 21. The pivot 22 is set through a bracket-lug 27, attached
60 to the cover 14, and the pivot 24 is set into a block 28, secured to the forward end of the cover.

Space between the cover 14 and the front edge of the table 13 when the desk is closed
65 is covered by the rails 29 and 30, secured to the front end of the cover.

The length of the lever 16 and the links 19 and 23 is such that when the desk is closed the lever is in a substantially perpendicular
70 position, the link 19 is inclined backwardly, and the link 23 is swung forward of its pivot 25 and is in a horizontal position.

In opening the desk the front of the cover is raised, the link 23 swinging about its pivot
75 25, the lever 16 swinging upon its pivot 17, so that the rearward end of the cover is carried downwardly, and the table 13 is swung forwardly and its rearward end raised, the link 19 swinging forwardly. When open,
80 the rearward edge of the cover 14 rests upon the shelf 15. The front of the table 13 cannot be depressed by pressure, as such pressure would tend to swing the link 19 backwardly about its pivot 20, and this applies
85 pressure to the forward end of the link 16 to force it farther backward, such movement, however, being resisted by the shelf 15. Backward pressure upon the table 13 is similarly resisted. The initial closing movement can
90 be accomplished by the application of upward pressure to the front end or downward pressure to the back end of the table.

The desk is easily closed by drawing the cover upwardly and forwardly, and its move-
95 ment may be facilitated by first raising the front end of the table, thus bringing the cover more easily within reach.

I claim as my invention—

1. In a type-writer desk, in combination, a
100 desk having a well, a table within and a cover for the well, a lever pivoted to the side wall

of the well intermediate of its ends, the ends of such lever being pivotally attached respectively, to the rearward ends of the table and the cover, a link pivoted to the side wall of
5 the well and to the forward end of the cover, and a swinging link pendent from the side wall of the well for supporting the forward end of the table.

2. In a type-writer desk, in combination, a
10 desk having a well, a type-writer table and a cover for the well; a lever pivoted to the side wall of the desk-well and to the table and cover near the rearward end of each, a link

pivoted to the side wall of the desk-well and to the table near its forward end, its point
15 of pivot to the side wall having such relation to the point of pivot to the table that the latter pivot-point is below the former when the desk is open, and a link pivoted to the side wall of the desk-well and to the cover near its
20 forward end.

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Witnesses:

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