

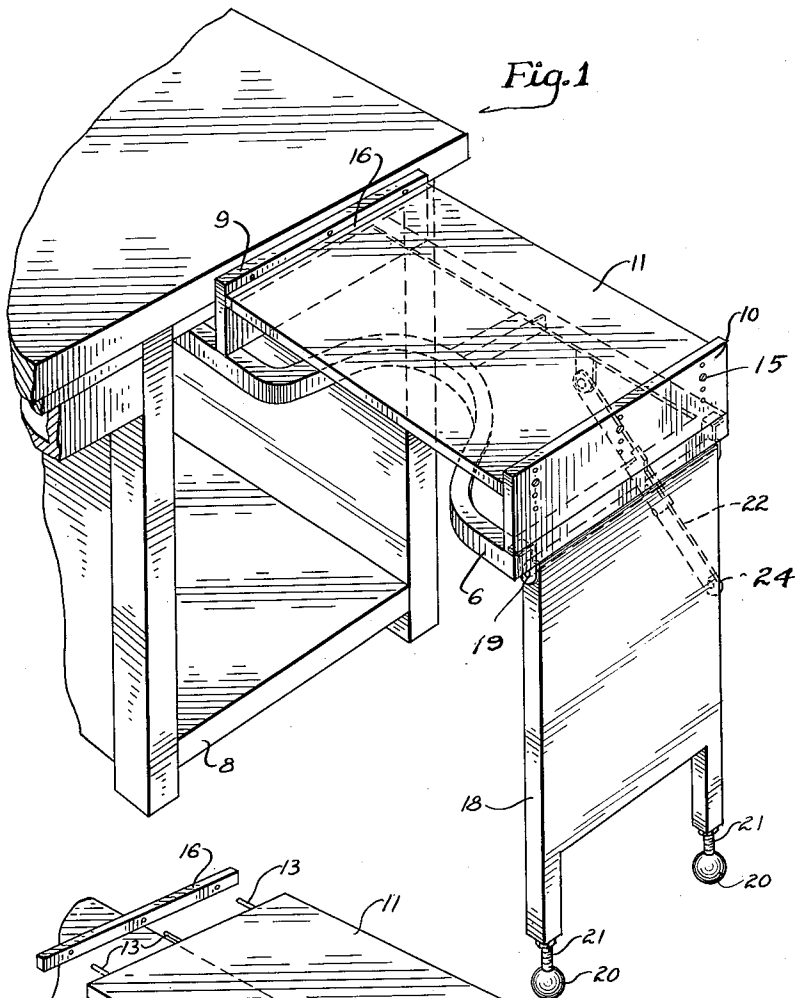
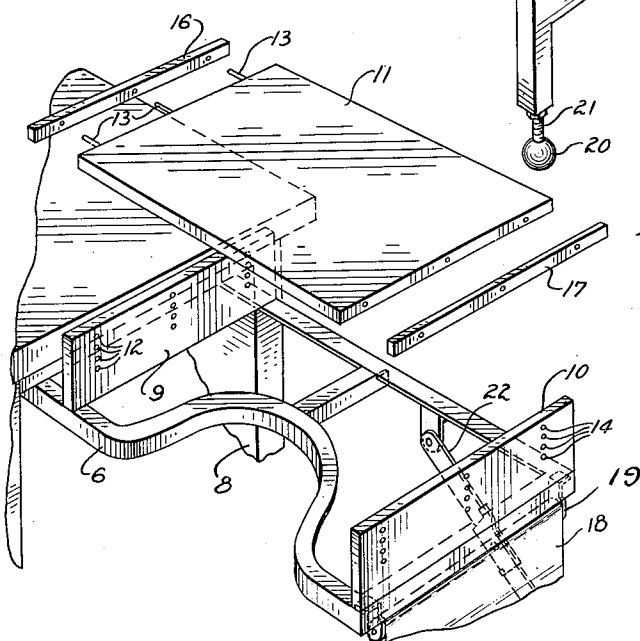
Feb. 26, 1952

W. F. HERRING
TYPEWRITER SUPPORT

2,587,469

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2 SHEETS—SHEET 1



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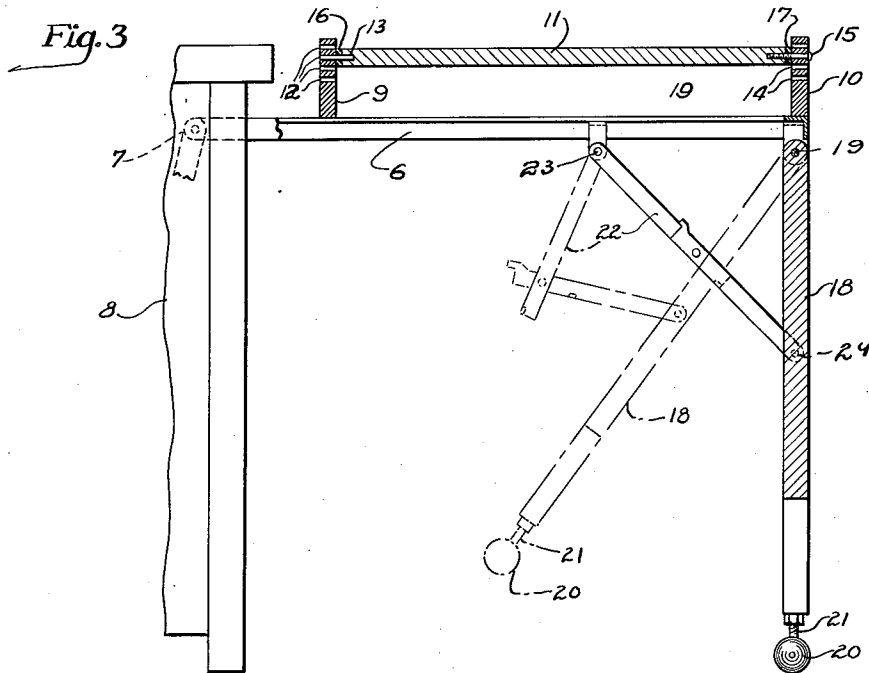
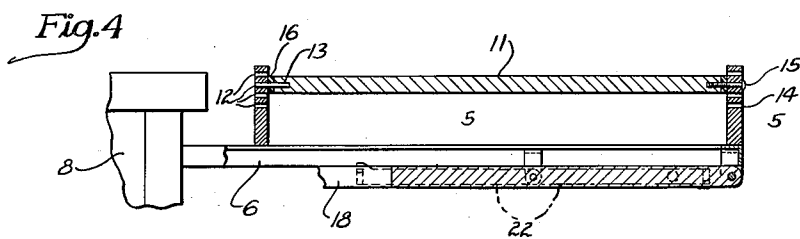
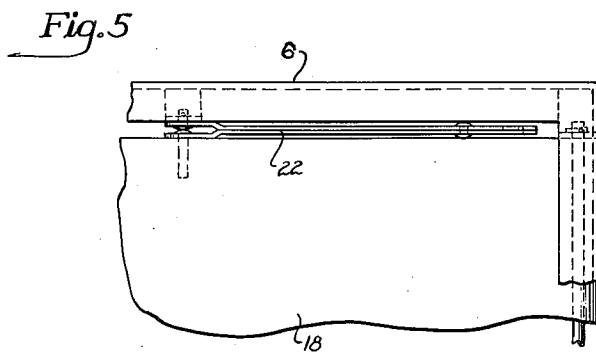
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2 SHEETS—SHEET 2



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TYPEWRITER SUPPORT

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2 Claims. (Cl. 311-17)

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Secretarial desks such as used for typewriting are commonly provided with beds or platforms to support the typewriter which have supporting mechanism whereby the platform may be moved from retracted position in the desk to extended position for supporting the typewriter. When in such projected position, the bed or platform has no support at the front and consequently is apt to be subjected to vibration when the typewriter is being used. Furthermore, such platform is fixed with relation to the desk so that it cannot be adjusted vertically.

The present invention relates in general to an improved typewriter bed or platform which may be adjusted vertically and which is also supported at its outer end to prevent vibration and to hold the typewriter more rigidly in position.

The objects of the present invention are to provide an improved secretarial desk having a novel form of typing platform or typewriter bed with means for adjusting the same and means for supporting the outer end thereof to provide means for adjustably positioning typewriters to the most favorable height for each operator.

Other objects and advantages will appear more fully from the following description.

In the accompanying drawings illustrating this invention,

Fig. 1 is a perspective view of a portion of a desk provided with my improved typewriter bed or platform shown in extended position;

Fig. 2 is a somewhat similar view showing the parts in separated or exploded positions;

Fig. 3 is a side elevation with parts shown broken away;

Fig. 4 is a view similar to Fig. 3 showing the supporting means in folded position for retracting or bedding the typewriter; and

Fig. 5 is a plan detail of a supporting brace.

As shown in these drawings, 6 is a frame which may be made of angle iron, or the like, and which may be attached at its rear end 7 to any form of mechanism or unit such as commonly used for supporting the typewriter platform. The side of the frame on which the operator sits is preferably curved as shown in Fig. 2 to provide increased leg room, particularly when the typing platform is raised to elevated position.

This frame may be swung down and back in the usual manner for retracting the same into the desk 8. At a point adjacent to the rear or inner end of the frame, I provide a cross board or bar 9 which is rigidly secured to the frame. A similar cross board 10 is also secured to the front or outer end of the frame, these cross boards

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providing means for supporting the typewriter bed or platform 11. Any suitable means may be provided for adjusting the platform vertically with respect to the frame, but in the present instance, the cross board 9 is provided with a plurality of sets of vertically spaced holes 12 which are adapted to receive and coact with pins 13 which are rigidly fixed in the rear end of the platform 11. This makes a convenient means for adjusting the height of the rear end of the platform. The front board 10 also has a plurality of sets of vertically spaced holes 14 corresponding with the holes 12 and adapted to receive screws or bolts 15 which pass through and into the platform 11 for holding the front end of the platform in adjusted positions. Gaskets or shock absorbing strips 16 and 17 are interposed between the edges of the platform and the adjacent supports 9 and 10, these strips being made of rubber or other suitable resilient material which will tend to help reduce noise and vibration.

A support 18 is pivoted at 19 to the outer end of the frame 6 and provided at its lower ends with feet 20 which are secured to the support by bolts 21 as shown, for convenience in adjusting the over-all length thereof. A hinged brace 22 is pivoted at 23 to the frame and at 24 to the leg to provide additional support and strength to the platform. This supporting means for the outer end of the frame will improve the use of the apparatus for heavy typewriters such as electric and wide carriage machines, and will tend to give a rigid bed and eliminate some of the usual vibration.

When the bed or platform 11 is to be adjusted, as for operators of different heights, the screws 15 are removed and the front end of the bed is raised to permit the pins 13 to be inserted in any desired set of holes. The front end is then brought into register with the corresponding holes in the front support 10 and the screws 15 inserted to hold the parts securely together. In a device as designed for actual use, the typewriter bed or platform can be adjusted from 26 inches to 30 inches from the floor to conform to the desired height for the operator. When the platform is to be retracted or bedded, the braces 22 are folded to permit the supporting means 18 to swing up to the bottom of the frame 6 and the entire device may then be moved to retracted position in the desk in the usual manner.

It will be seen from this description that my improved secretarial desk or attachment for the same may be manipulated in substantially the

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same manner as the ordinary typewriter beds or platforms and will give rigid and substantial support for the typewriter. This will avoid the vibration and swinging or whip which is incident to the use of the ordinary apparatus. The adjustable feature makes the desk particularly desirable for operators of different heights and will tend to increase the speed of operation by having the machine at the proper height.

While I have shown and described a preferred form of the invention, it may be modified without departing from the scope of the same as set forth in the following claims in which I claim:

1. A typewriter support, comprising a frame having means at one end for pivotally attaching it to the usual typewriter supporting unit of a desk and having two side pieces and two end pieces, one side of the frame being curved inwardly to give increased leg room for the operator, a vertical cross board on the rear inner end of the frame having a plurality of sets of vertically spaced holes, a vertical cross board on the outer front end of the frame having a plurality of sets of vertically spaced holes corresponding with the holes in the first named board, a typewriter platform bed positioned between the end boards, pins on the inner end of the bed for engagement with the holes in the inner board to adjust vertically the support of the inner end of the bed, bolts passing through the holes in the outer board and engaging with the bed for adjustably supporting the outer end, and a support pivotally connected with the outer end of the frame to engage with the floor to support the frame.

2. A typewriter support, comprising a frame having means at one end for pivotally attaching it to the usual typewriter supporting unit of a desk and having two side pieces and two end pieces, a vertical cross board on the rear inner end of the frame having a plurality of sets of vertically spaced holes, a vertical cross board on the outer front end of the frame having a plurality of sets of vertically spaced holes corresponding with the holes in the first named board, a typewriter platform bed positioned between

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the end boards, pins on the inner end of the bed for engagement with the holes in the inner board to adjust vertically the support of the inner end of the bed, bolts passing through the holes in the outer board and engaging with the bed for adjustably supporting the outer end, a support pivotally connected with the outer end of the frame to engage with the floor to support the frame, and resilient gaskets positioned between the ends of the platform bed and the supporting boards.

WAYLAND F. HERRING.

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