

E. R. DERRY.  
DESK STOOL.  
APPLICATION FILED SEPT. 5, 1911.

1,030,876.

Patented July 2, 1912.

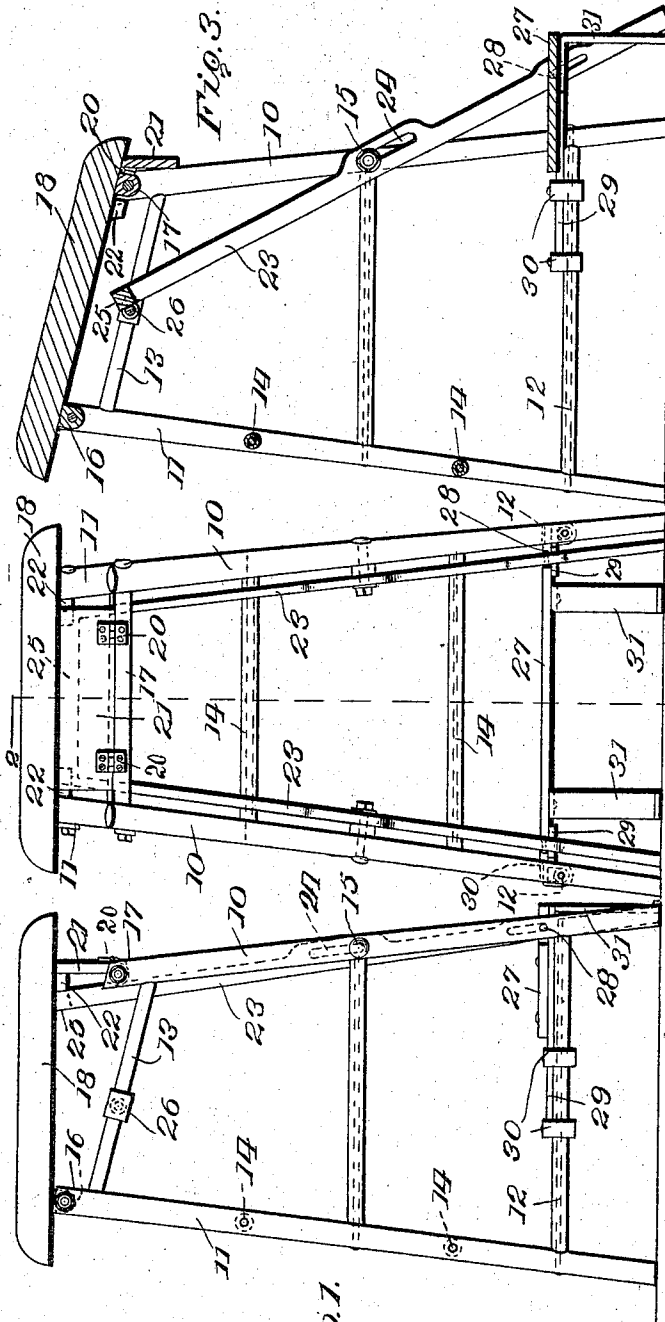


Fig. 1.

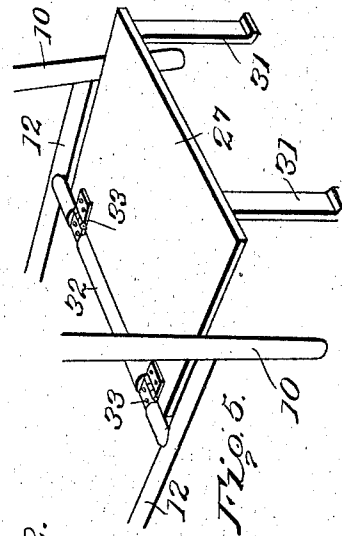


Fig. 2.

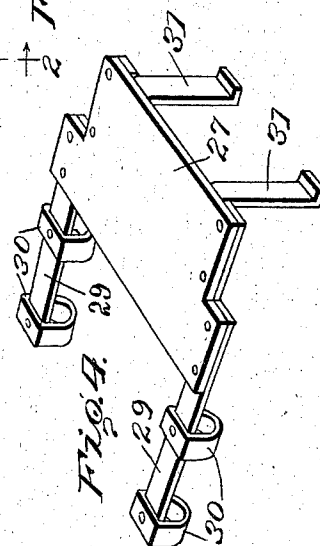


Fig. 3.

Witnesses

Leora M. Handy.  
Juana M. Fallon.

By

Inventor  
E. R. Derry

A. R. Tracy, Attorneys.

# UNITED STATES PATENT OFFICE.

EDGAR R. DERRY, OF AUGUSTA, GEORGIA.

## DESK-STOOL.

1,030,876.

Specification of Letters Patent.

Patented July 2, 1912.

Application filed September 5, 1911. Serial No. 647,699.

*To all whom it may concern:*

Be it known that I, EDGAR R. DERRY, a citizen of the United States, residing at Augusta, in the county of Richmond and State of Georgia, have invented certain new and useful Improvements in Desk-Stools, of which the following is a specification.

This invention relates to improvements in stools, more particularly to devices of this character employed in connection with elevated or standing desks, and has for one of its objects to provide a simply constructed device whereby the seat of the stool may be arranged either in horizontal or inclined position to adapt it to the occupant.

Another object of the invention is to provide a device of this character embodying an adjustable seat and an adjustable foot rest which are operative simultaneously for disposing the seat either in horizontal or inclined position.

With these and other objects in view, the invention consists in certain novel features of construction as hereafter shown and described, and then specifically pointed out in the claims, and in the drawings illustrative of the preferred embodiment of the invention: Figure 1 is a side elevation of the improved device with the seat in horizontal position; Fig. 2 is a front elevation with the parts arranged as in Fig. 1; Fig. 3 is a section on the line 2—2 of Fig. 2; with the seat in inclined position and the foot rest projected; Fig. 4 is a perspective view of the foot rest and its guides detached; Fig. 5 is a perspective view illustrating a modification in the construction.

Corresponding and like parts are referred to in the following description and indicated in all the views of the accompanying drawings by the same reference characters.

The improved device comprises a supporting frame including front legs 10, rear legs 11, and lower connecting rounds 12 and upper connecting rounds 13. The legs and rounds may be of any suitable material and of any suitable form and size and in any fanciful design. The front legs 10 are shorter than the rear legs 11 and the upper rounds 13 are inclined downwardly toward the front legs, as shown, while the legs 11 are connected at suitable intervals by transverse rounds indicated at 14. At their upper ends the rear legs 11 are connected by a round 16, preferably flattened upon its upper face, while the front legs 10 are like-

wise coupled by a similar round 17 also flattened upon its upper face, the flattened portions being substantially level with the upper ends of the legs 10 and 11 as shown. Each of the various rounds 12—13—14—16 and 17 is preferably provided with a central tie rod as shown, to strengthen the frame structure. By this means a strong and substantial supporting frame is produced.

The seat portion of the device is represented conventionally at 18, and may be of any suitable material and of any suitable form, and is connected by screws or other fastening devices to the round 16. The round 16 is arranged to rotate upon its tie rod, so that the seat is free to swing by its forward end vertically with the round 16, the latter thus forming a hinge connection between the seat and the rear legs. Swingingly mounted by hinges 20 upon the round 17, is a supporting plate 21 which when in its upward position bears beneath the forward swinging edge of the seat 18 and supports the latter in its level or horizontal position as shown in Figs. 1 and 2. The seat 18 is provided with a stop lug 22 against the front face of which the stop member 21 bears when in its upper position as shown in Fig. 1. By this means when the stop member 21 is disposed in its downward position, the seat may be lowered to bear upon the upper ends of the legs 10, and be thus disposed in an inclined position as shown in Fig. 3.

Mounted to swing upon pins or bolts 15 which extend from the front legs 10 are sway bars 23, the sway bars being provided with slots 24 through which the pins 15 pass as shown. At their upper ends the sway bars are preferably connected as shown at 25, for bearing beneath the seat 18. The sway bars are so positioned that when in a substantially vertical position they extend between the floor upon which the stool rests and the bottom of the seat 18, and in substantially parallel relations to the legs 10 as shown in Figs. 1 and 2, and when the upper ends are swung rearwardly or toward the legs 11 and the lower ends swung outwardly or away from the legs 11 and the member 21 folded into its downward position, the seat 18 may be lowered into its inclined position, the sway bars then standing at an incline to the vertical plane of the legs as shown in Fig. 3.

The rounds 13 are provided with a stop member 26 against which the sway bars rest when in their inclined position as shown, the member 26 thus serving to limit the movement of the sway bars in their rearward movement.

Extending between the sway bars 23 at a point about level with the rounds 12, is a foot rest 27, the latter being pivotally united at 28 in vertical slots in the sway bars. The foot rest is provided at its ends with supporting bars 29 which extend rearwardly and are provided with clips 30 slidably engaging the rounds 12. The foot rest is provided at its forward edge with supporting feet 31 which bear upon the floor. By this simple means it will be obvious that when the sway bars are moved into their inclined position, the foot rest will be carried outwardly therewith, and supported at its forward edge by the sway bars and at its rear edge by the clips 30 and the supporting bars 29. When moved into their vertical positions the upper ends of the sway bars bear against the stop lug 22 which thus limits its outer movement.

In Fig. 5 is shown a perspective detail illustrating a modification in the construction consisting in a transverse "round" 32 connected to the lower rounds 12 rearwardly of the forward legs 10 and hingedly connecting the foot rest 27 thereto as shown at 33. By this means the foot rest may be folded back out of the way when not in use. This simple arrangement may be employed under some circumstances when required.

By arranging the seat 18 so that it may be adjusted into an inclined position as shown in Fig. 1 with the foot-rest projected, the comfort and ease of the occupant are materially increased, as by this arrangement the weight of the body is distributed along the full length of the thighs, from the upper end of the thigh to the knee, and therefore the occupant does not become tired or fa-

tigued from sitting on the seat with the feet properly supported by the foot-rest. In addition to the comfort provided from this arrangement of the slanting seat and the foot-rest, the stool can be drawn close up to the desk or other object with the knees under the desk similar to the position occupied at a dining or other table, or on a chair. This is an important advantage which will be evident to all persons who require a stool in connection with a standing desk.

What I claim is:—

1. In a stool of the class described a supporting frame including front legs and rear legs, a seat swinging from the rear legs and supported normally upon the front legs, a rear stop carried by the frame and spaced from the front legs, a stop lug carried by the seat, and sway bars movably supported intermediate their ends upon said frame, said sway bars being adapted to bear constantly at their lower ends upon a floor and bearing at their upper ends when in withdrawn position against said rear stop and bearing when in projected position against said stop lug and maintaining the seat in horizontal position.

2. In a stool of the class described including rear legs and front legs with the front legs shorter than the rear legs, a seat swinging from the rear legs and bearable in inclined position at the front upon the shorter front legs, a stop lug carried by the seat, and sway bars mounted to swing relative to the front legs and bearing at one end upon the floor and at the other end against the seat and against the stop lug when in one position and holding the seat in horizontal position.

In testimony whereof I affix my signature in presence of two witnesses.

EDGAR R. DERRY. [L. s.]

Witnesses:

LE ROY W. LYETH,  
H. H. VERDERY.