Feb. 17, 1942. B. R. KOZLOFF 2,273,361

REST OR SUPPORT

Filed Oct. 1, 1940

Fig. 1

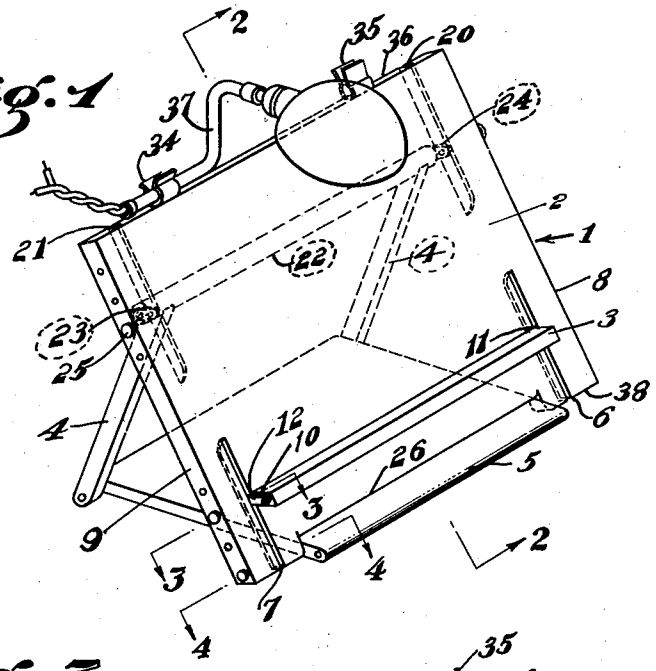


Fig. 3

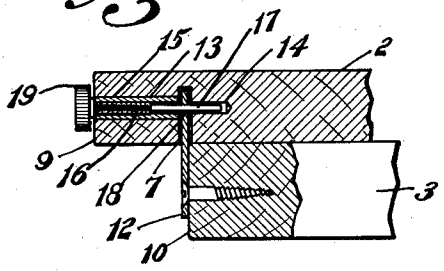


Fig. 4

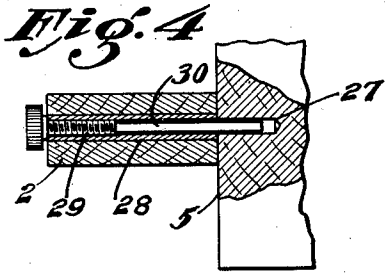
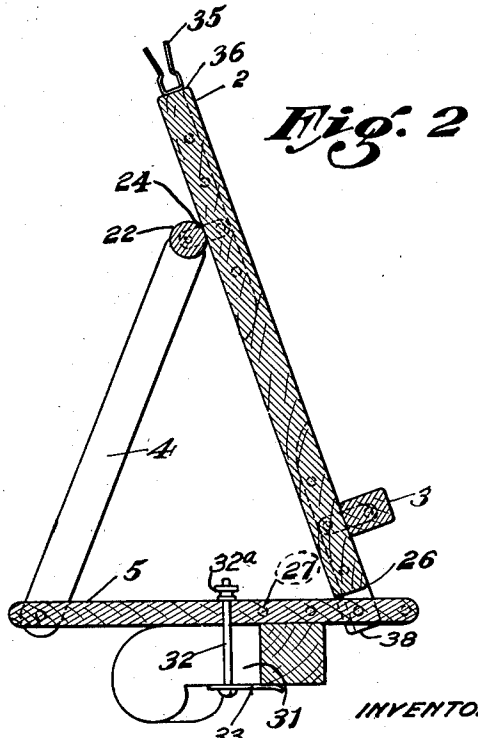


Fig. 2



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REST OR SUPPORT

Bassil R. Kozloff, Los Angeles, Calif.

Application October 1, 1940, Serial No. 359,226

2 Claims. (Cl. 45—80)

This invention relates to rests or supports for books, papers, commodities, or other articles, of the type wherein a member is adjustable as to inclination relative to a base.

The invention has for an object the provision of a rest which may be conveniently held on the lap, secured to the arm of a chair, or, in fact, be self-supporting on almost any object.

Another object is the provision of a rest wherein maximum adjustment of inclination is possible.

Another object is the provision of a rest which is foldable so as to occupy very little space when not in use.

Another object is the provision of means whereby the rest may be adjusted to any desired position quickly and efficiently.

Another object is the provision of a rest which is stable and wherein the various members are so related as to give rigidity to the construction.

A further object consists in a rest which is inexpensive in cost of manufacture, simple of construction, and superior to rests now known to the inventor.

With the above mentioned and other objects in view, the invention consists in the novel and useful provision, formation, construction, association, and relative arrangement of parts, members and features, all as shown in a certain embodiment in the accompanying drawing, described generally, and more particularly pointed out in the claims.

In the drawing:

Figure 1 is a perspective view of the improved rest,

Figure 2 is a sectional view on the line 2—2 of Figure 1,

Figure 3 is an enlarged sectional detail on the line 3—3 of Figure 1, and,

Figure 4 is an enlarged sectional detail on the line 4—4 of Figure 1.

Referring now to the drawing, the improved rest is designated as an entirety by the numeral 1, wherein 2 is a board upon which books, papers, a commodity, or the like, may be disposed, 3 is an adjustable ledge for supporting books, papers, or the like, against the board 2, and 4 are brackets which, in conjunction with a member 5, permit various angularities to be assumed by the board 2.

The use of the word "board" does not necessarily imply wood, as the material of construction for the present device may be of metal, plastic, compositions of any character, or wood.

The front face of the board 2 is provided with a pair of parallel slots 6 and 7, which may be adjacent to sides 8 and 9 of the board. The ledge 3 carries at its ends 10 and 11 arms 12 received in said slots 6 and 7 (see Figure 3). The sides 8 and 9 of the board are inwardly bored, as shown at 13 and 14 in Figure 3, the bore 13 being of greatest diameter to accommodate a screw-threaded bushing 15. Screws 16 are provided with non-threaded extension shanks 17, which may pass through openings 18 in the arms 12. Through the use of the usual knob 19 associated with the screw, the screw may be unthreaded from the bushing to withdraw the unthreaded shank 17 from the bore 14 and release an arm 12. Screws of this type are provided for both arms 12 carried by the ledge 3. In this manner, relative adjustment of the ledge upon the board 2 is accomplished.

The rear face of the board 2 is provided with a pair of substantially parallel slots 20 and 21 and a cross bar 22, provided with two end arms 23 and 24, is adapted to be received in said slots and adjustably positioned therein through the medium of screws 25 received within threaded bushings in the sides 8 and 9, in a manner identical with the construction shown in Figure 2. The cross bar 22 has secured thereto one end of each arm 4, while the opposite ends of said arms are pivotally secured to the base 5. This base constitutes a flat piece adapted to move relative to the board 2, the board 2 in this respect being cut away at 26 for this purpose. The base 5 is provided with a series of spaced transverse openings 27 (see Figure 4), and the sides 8 and 9 have transverse bushed openings 28 adapted to receive headed screws 29, the said screws provided with long unthreaded shanks 30. Adjustment of the screw 29 will allow the shank 30 to be received within an opening 27 of the base piece 5. Thus, we have two methods of obtaining angular adjustment of the board 2. Either the pivotal connection between the base piece 5 and the board 2 may be fixed, whereupon adjustment may be had by release of the screws 25 to tilt the arms 4, or the base piece may be adjusted in the manner heretofore set forth. In certain instances, it may be desirable to relatively adjust both the arms and the base piece.

In Figure 2, I have shown at 31 a portion of an arm of a chair, and I may pass a threaded bolt 32 through the base piece 5, the bolt carrying the member 33, whereby the board may be held to the arm upon tightening nut 32a. In Figure 1, I have provided a pair of clips 34 and 35 at the

top 36 of the board. One clip may accommodate a light bracket 37 and the other clip may hold a book, pamphlet or other object. Thus, a guide for a reader may be held by the clip 35 while a book is supported by the ledge as it rests inclined against the board 2.

In the case of invalids, an invalid may be required to lie flat on a bed, and a device of this character will readily support a book for the invalid, as it is evident that the base piece being flat, affords a substantial support.

There is nothing about the present device to mar objects upon which it may rest, which is largely true of devices now known to the inventor, where supporting legs are employed. Furthermore, the base piece adds stability to the device.

The operation, uses and advantages of the invention are as follows:

If it is desired to collapse the board so as to readily carry the same and transport it, the screws 29 are moved so as to release the member 5, whereupon the member 5 may be swung against the back of the board 2, the arms 4 then substantially paralleling sides of the member 5. Thus, the only thickness of device that is presented is the thickness of the board 2 plus the arms 4 and the member 5. However, the member 5 is confined between the arms 4 so that there are only two thicknesses. The ledge 3 may be removed, if desired, or may be received at the bottom of the groove and held adjacent the bottom edge 38. Thus, assemblage and disassemblage of the constituent elements of the device is easily accomplished.

I claim:

1. In a device of the character disclosed, a back member having front and rear faces, the rear face of said back provided with a pair of spaced-apart substantially parallel slots, a pair of levers received within said slots, means carried by the back for positioning said levers at a selected location within said slots, a transverse piece securing said pair of levers, a pair of arms spacedly secured to said transverse piece, a base member secured to said arms, and means for securing said base to said back member to adjust the angularity of said back member relative to the base.

2. A device of the character disclosed, a back member having front and rear faces, the rear face of said back provided with a pair of spaced apart substantially parallel slots, a pair of levers received within said slots, means carried by the back for positioning said levers at a selected location within said slots, a transverse piece securing said pair of levers, a pair of arms spacedly secured to said transverse piece, said back member provided with a cut-away portion adjacent one edge thereof, a base member in part positioned within said cut-away portion, said base member secured to said arms, pins transversely carried by the back member for securing said base member in said cut-away portion, and to adjust the angularity of said back member relative to the base member.

BASSIL R. KOZLOFF.