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FOOT AND LEG REST

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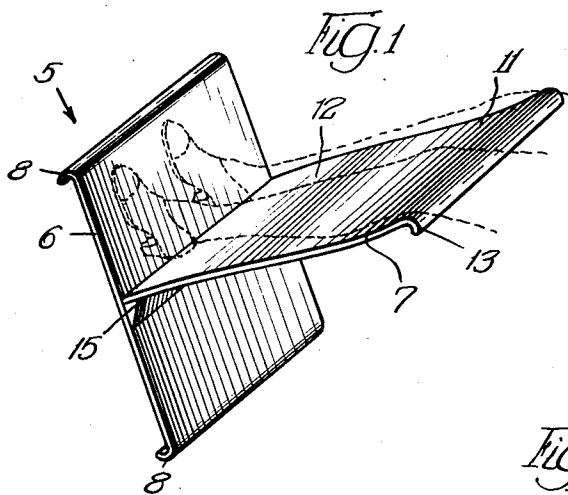
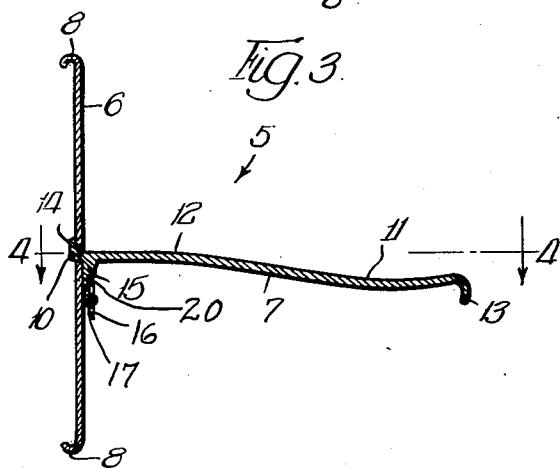
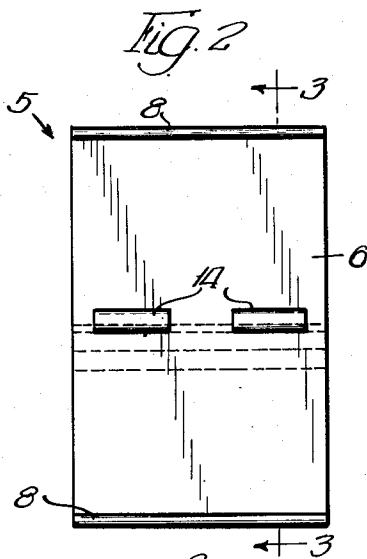
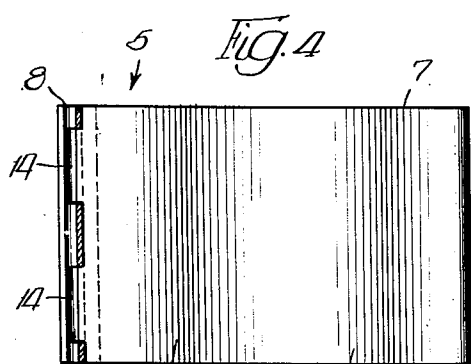
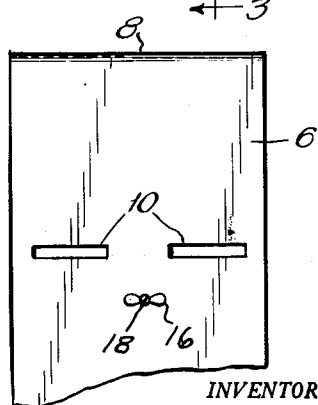


Fig. 5



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FOOT AND LEG REST

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My present invention relates to improvements and innovations in foot and leg rests of the type which in use are balanced on a single floor-engaging leg member.

I am aware that foot and leg rests have been previously proposed of the type adapted to be balanced on a single floor-engaging leg member. However, in so far as I am aware, such prior foot and leg rests of this type involved unsightly and rather complicated hinges and supporting brackets and tie rods.

The object of my present invention, generally stated, is a collapsible foot and leg rest of the type adapted to balance on a single floor-engaging leg member, which is free from hinges, tie rods, brackets or shelves and is accordingly considerably simpler, more economical to construct, and more attractive than prior foot and leg rests of the same type.

Certain other objects of the invention will, in part, be obvious and will, in part, appear hereinafter.

For a more complete understanding of the nature and scope of the invention, reference may now be had to the following detailed description thereof taken in connection with the accompanying drawings, wherein:

Fig. 1 is a perspective view of a foot and leg rest forming one embodiment of the invention and shown in the position in which it is adapted to be used;

Fig. 2 is a rear elevational view of the foot and leg rest shown in Fig. 1;

Fig. 3 is a vertical sectional view of the foot and leg rest of Fig. 1 taken on line 3-3 of Fig. 2;

Fig. 4 is a horizontal sectional view taken on line 4-4 of Fig. 3;

Fig. 5 is a front elevational view, broken away at the bottom, of the floor-engaging panel of the foot and leg rest shown in Fig. 1, the foot and leg supporting panel being removed therefrom; and

Fig. 6 is a side elevational view showing the foot and leg rest of Fig. 1 in collapsed condition.

Referring to the drawings, the foot and leg rest is indicated generally therein by the reference numeral 5 and it comprises a floor-engaging panel 6 and a foot and leg supporting panel 7. The panels 6 and 7 may be formed of any suitable material, such as wood, plastic or metal. It will be understood that the panels 6 and 7 need not have continuous surfaces but may have cut-out portions therein either for purpose of decoration or for economy of material.

Panel 6 is a flat rectangular member having correspondingly curved end portions 8-8 at the

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top and bottom thereof, either of which is adapted to engage and rest on the floor surface so as to provide for a tilting and rocking motion of the foot and leg rest 5. The end portions 8 are free from sharp edges so that the foot and leg rest 5 may be safely used on any floor surface without danger of scratching or marking. Midway between its ends, the floor-engaging panel 6 is provided with two horizontal slot openings 10-10, as shown in Fig. 5.

The foot and leg supporting panel 7 preferably has a reverse curvature so as to conform to the natural shape of the user's leg below the knee. Thus, the panel 7 is curved at 11 so as to provide a hollow for the calves of the user's leg and is reversely curved at 12 so as to conform to the ankle portions of the user's leg. While the foot and leg supporting panel 7 can be made without these reverse curves, it is preferred to include them in order to increase the comfort value of the foot and leg rest 5.

At its outer or front end, the panel 7 has a downwardly curved end portion 13 which is free of sharp edges and suited to fit underneath the user's knees in a comfortable manner.

At its front end, the foot and leg supporting panel 7 is provided with a pair of upwardly turned hooks 14-14 (Figs. 2 and 3). The hooks 14 are so spaced apart and have such a width that they may be easily inserted through the slot openings 10 provided therefor in the floor-engaging panel 6. The panel 7 is also provided adjacent its front end with a stop 15 in the form of a cleat which depends from the underside of the panel 7 and extends crosswise thereof.

The stop 15 is so spaced inwardly from the hooks 14 that when the hooks 14 are inserted through the openings 10 and brought into engagement with the rear side of the panel 6 just above the openings 10, the stop 15 will engage the front side of the panel 6 just beneath the slot openings 10. This relationship is shown, for example, in Fig. 3, and prevents the foot and leg supporting panel 7 from tilting downwardly from its outwardly projecting position on the floor-engaging panel 6 when the user places the weight of his lower legs thereon.

In order to retain the panels 6 and 7 in assembled relationship, a wing type button 16 is provided on the front side of the panel 6. The button 16 is spaced away from the front side of the panel 6 by a boss 17. A screw 18 serves to attach the button to the boss 17. When the foot and leg rest 5 is assembled, the button is turned vertically so that the top wing of the button engages the front

side of the cleat 5 where it has been cut out for this purpose as indicated at 20 in Fig. 3. In this position, the button locks together panels 6 and 7.

In use, the foot and leg rest 5 is adjusted to a comfortable position, such as that shown in Fig. 1, by first placing only one foot and foreleg on the panel 7. After the desired position has thus been obtained in which the floor-engaging panel 6 will be tilted forwardly somewhat, the user next places his other leg on the panel 7 and the foot and leg rest 5 will then be balanced on the floor about the bottom edge 8. The foot and leg rest 5 may be taken apart and stored in a collapsed position by turning the button 16 to a horizontal position and then lifting the panel 7 upwardly relative to the panel 6 until the hooks 14 are turned down to a horizontal position so as to permit their withdrawal from the slot openings 10. The panel 6 may then be placed on the panel 7 as shown, for example, in Fig. 6.

Since certain changes may be made in the foregoing construction and different embodiments thereof may be made without departing from the spirit and scope of the invention, all matter described above or shown in the accompanying drawings is to be interpreted as illustrative and not in a limited sense.

What I claim as new is:

1. A foot and leg rest comprising a floor-engaging panel for engaging the floor and extending upwardly therefrom and having a hook receiving aperture therein, and a foot and leg supporting panel adapted to be connected to and project from the front side of said floor-engaging panel, said foot and leg supporting panel having an upwardly turned hook on the front end thereof adapted to fit through said aperture in said floor-engaging panel so as to engage the back side thereof at a place above said aperture, and said foot and leg supporting panel having a stop on the underside thereof and adjacent the front end thereof adapted to engage the front side of said floor-engaging panel at a place below said aperture, said hook and stop together serving to lock said foot and leg supporting panel in place so as to prevent it from turning downwardly when the user rests his feet and lower legs thereon with said floor-engaging panel resting and balancing on the floor.

2. A foot and leg rest comprising a floor-engaging panel for engaging the floor and extending upwardly therefrom and having a plurality of hook receiving apertures provided therein on a line extending crosswise of said floor-engaging panel, and a foot and leg supporting panel adapted to be connected to and project at approximately right angles from the front side of said floor-engaging panel, said foot and leg supporting panel having a plurality of upwardly turned hooks on the front end thereof corre-

sponding in number and spacing to said apertures therefor in said floor-engaging panel, said hooks being adapted to be inserted and removed through said apertures so as to engage the back side of said floor-engaging panel at points above said aperture, and said foot and leg supporting panel having a cleat shaped stop attached to the underside thereof and spaced rearwardly of said hooks a distance approximately equal to the thickness of said floor-engaging panel at said apertures, said stop engaging the front side of said floor-engaging panel below the level of said apertures, said hooks and stop together serving to lock said foot and leg supporting member in place so as to prevent it from turning downwardly when the user rests his feet and forelegs on said foot and leg supporting panel with said floor-engaging panel resting and balancing on the floor.

3. The foot and leg rest called for in claim 2 wherein the hook receiving apertures in said floor-engaging panel are in the form of elongated horizontal slots, and said hooks on said foot and leg supporting panel have a width and thickness whereby they may be readily inserted and withdrawn through said slots without substantial free play.

4. The foot and leg rest called for in claim 2 wherein said foot and leg supporting panel has reversely curved portions to conform to the undersides of the user's forelegs.

5. The foot and leg rest called for in claim 2 wherein said floor-engaging panel has a floor engaging end portion provided on each end thereof and said slots are located midway between said opposite ends of the floor-engaging panel whereby said floor-engaging panel may be used with either end up.

6. The foot and leg rest called for in claim 2 wherein there is a locking button on the front side of said floor-engaging panel which may be turned so as to engage said stop and prevent it from moving away from its said engagement with said floor-engaging panel.

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