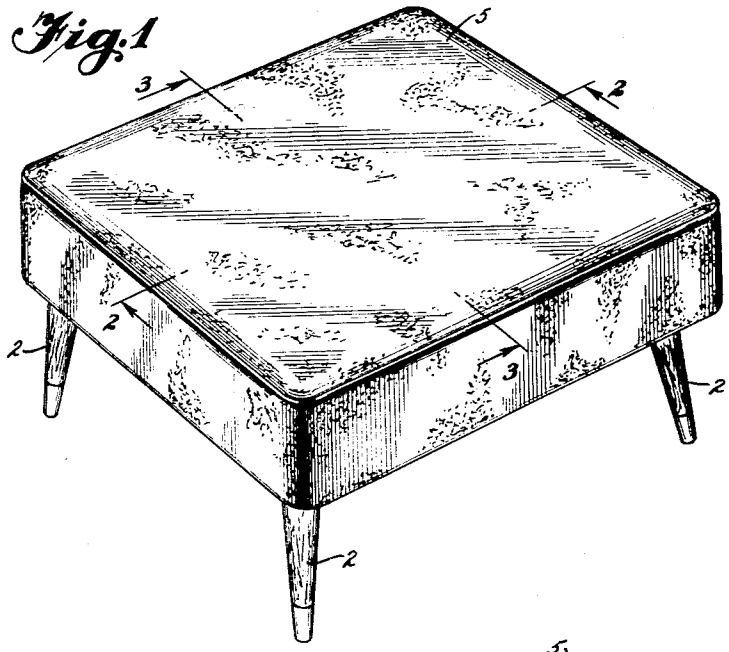
May 31, 1960 H. R. STANLEY 2,938,573

ADJUSTABLE FOOTREST

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Fig. 1



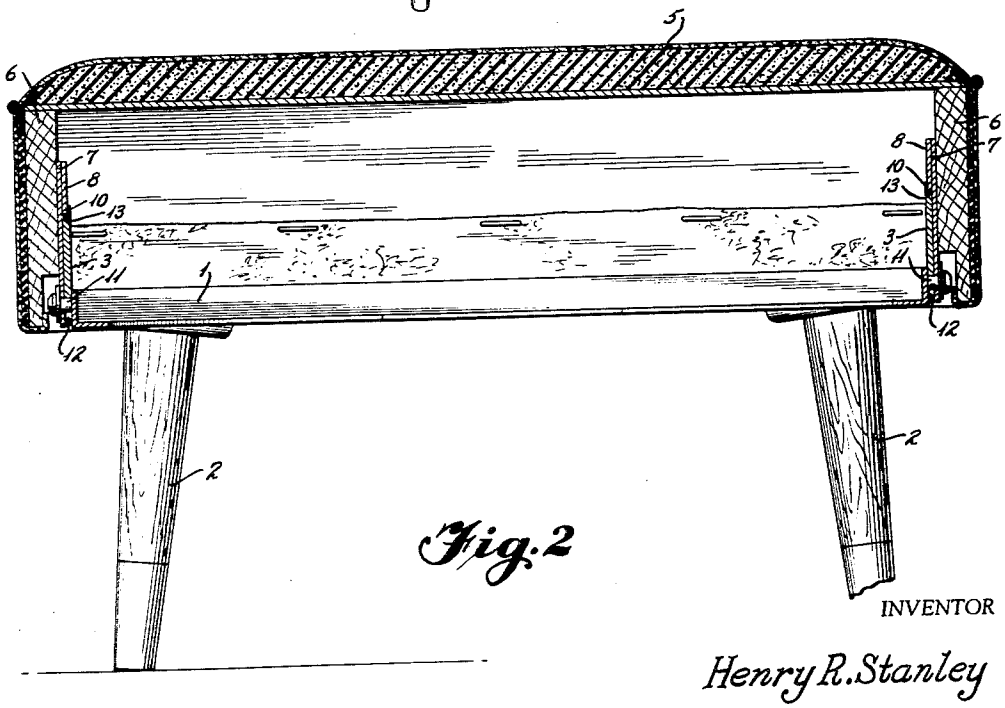


Fig. 2

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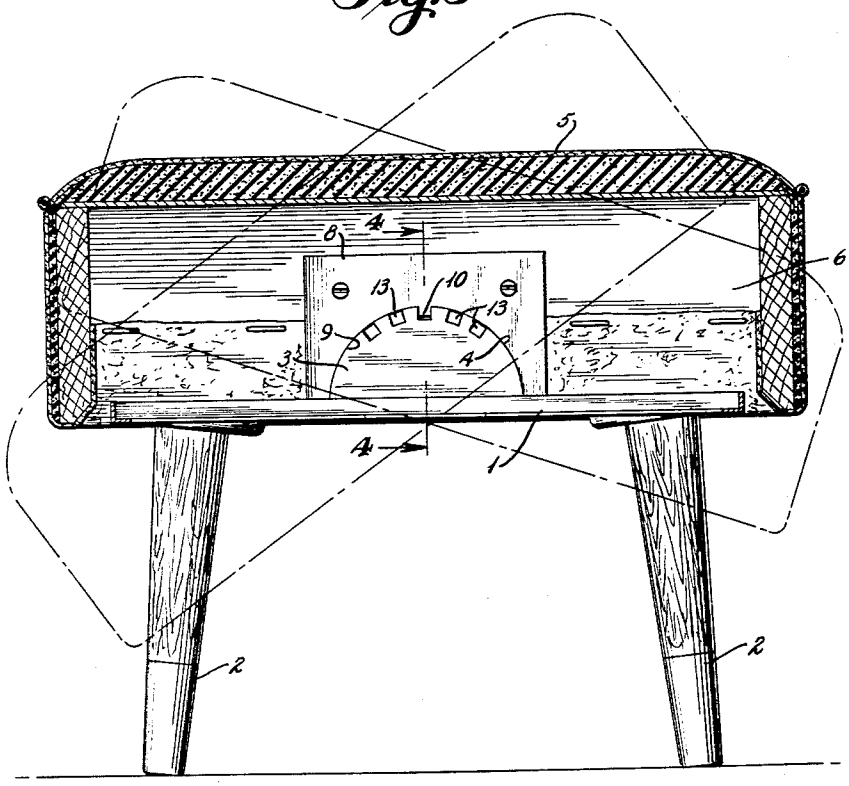
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Fig. 3



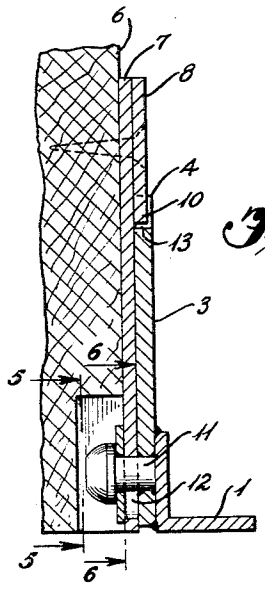


Fig. 4

Fig. 5

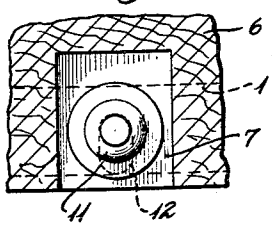
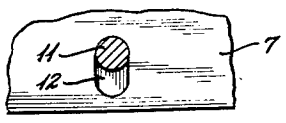


Fig. 6



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2,938,573

ADJUSTABLE FOOTREST

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Filed Nov. 3, 1958, Ser. No. 771,638

3 Claims. (Cl. 155—169)

This invention relates to footrests and particularly concerns footrests which are angularly adjustable for the comfort of the user.

It is a major object of the invention to provide a footrest which may be adjusted angularly about a horizontal axis to different selected positions and releasably secured to any of such positions by manipulation of the footrest with respect to the base on which it is supported and without the necessity of manually operable locks or latches.

In the attainment of these and other objects, a major feature of the invention resides in the arrangement of vertically aligned complimentary surfaces supporting a foot member on a base member for adjustment about a horizontal axis with interlocking portions on said surfaces to secure the foot member in selected angular positions relative to the base member and releasable by relative movement of the members to separate the surfaces. A pivotal connection between the members may provide both rotating and radial movement to angularly adjust the foot member and secure or release the interlocking portions of the surfaces.

These and other objects, advantages and features of the invention will become apparent from the following specification taken in conjunction with the accompanying drawings, wherein:

Fig. 1 is a perspective view of a footrest embodying this invention in its preferred form;

Fig. 2 is a vertical section taken on the line 2—2 of Fig. 1;

Fig. 3 is a vertical section taken on the line 3—3 of Fig. 1;

Fig. 4 is an enlarged partial sectional view of the vertically aligned plates and pivotal connections between the members of the footrest;

Fig. 5 is a section taken on the line 5—5 of Fig. 4; and

Fig. 6 is a section taken on the line 6—6 of Fig. 4.

As shown in the drawings, a base member or frame 1 which may be of rectangular shape, is supported on legs 2, 2. Secured to opposite sides of the frame are plates 3, 3. Each plate 3 has an upwardly extending arcuate surface 4.

A foot member 5 also of rectangular shape, of slightly larger dimensions than those of the base frame, has secured to each of its inner side walls 6, 6 supporting plates 7, 7. Plates 7 have a portion 8 which is vertically aligned with the plate 3 on the frame and has a complimentary arcuate portion 9 arranged to engage the arcuate surface 4 for the purpose of supporting the foot member on the base frame for angular adjustment with respect to the base frame.

For the purpose of securing the foot member in selected angular positions with respect to the base member, the plates 3 and 8 have interlocking portions on their complimentary surfaces. In the particular embodiment illustrated in the drawings, a tooth 10 extends from the arcuate surface 9 on the plate 8 on the foot member to enter any one of several recesses 13, 13 formed in the arcuate surface of the plate 3 on the base frame member.

At the axis for the complimentary arcuate surfaces 4 and 9, a pivot 11 extends between the two members. In the form shown, this pivot extends outwardly from the base frame through the plate 3 and into an elongated slot 12 formed in the plate 7 on the foot member. A suitable head on the pivot secures the parts in position so the foot member may be rotated about the axis of the pivot and also moved radially of that axis.

To adjust the footrest it is only necessary to move the foot member in a radial direction with respect to the base member as permitted by the elongated slot 12 for the pivot 11. When this is done, the complimentary surfaces 4 and 9 are separated and the interlocking portions of those surfaces are released to permit angular adjustment of the foot member about the axis of the pivot 11. When in selected angular position, as desired by the user, the foot member is released so it will move toward the base member and the interlocking portions of the complimentary surfaces will become engaged to retain the foot member in the desired angular position.

As is apparent, the complimentary surfaces on the respective plates serve both to support the foot member on the frame member and also to interlock the two members in selected angular positions. Release of the interlock may be accomplished by slight movement of the foot member in a radial direction with respect to the base member. Then, the foot member may be turned to a selected angular position and the interlocking portions re-engaged to retain the foot member in that position.

While I have disclosed but one embodiment of my invention, it will be apparent to those skilled in the art that various changes and modifications may be made therein without departing from the scope of the invention.

I claim:

1. An adjustable footrest comprising a base member, foot member, a pair of complimentary vertically aligned surfaces on one side of said members and a second pair of said surfaces on the opposite side of said members supporting said foot member for movement about a horizontal axis relative to said base member, a pivot extending from one of said members through an elongated slot in said other member and substantially coincident with said axis, each of the surfaces on said base member being formed with a plurality of angularly spaced recesses, a fixed tooth depending from each of the surfaces on said foot member for selectively engaging one of the recesses to interlock said members and secure said foot member in selected angular positions relative to said base member, said teeth being releasable from the recesses by relative movement of said members in a vertical direction to shift said pivot along said slot and separate said surfaces.

2. An adjustable footrest comprising a base member, a foot member, a downwardly facing arcuate surface on said foot member vertically aligned with a complimentary upwardly facing arcuate surface on said base member and supporting said foot member on said base member for movement about a horizontal axis relative to said base member, a pivot extending from one of said members through an elongated slot in the other of said members and substantially coincident with said axis, and interlocking portions on said surfaces for securing said foot member in selected angular positions relative to said base member and releasable by relative movement of said members in a vertical direction to shift said pivot along said slot and separate said surfaces.

3. An adjustable footrest comprising a base member, a foot member, a pair of complimentary vertically aligned arcuate surfaces on one side of said members including a downwardly facing surface on said foot member and an upwardly facing surface on said base member, a second pair of similar surfaces on the opposite side of said members supporting said foot member for move-

ment about a horizontal axis relative to said base member, a pivot extending from one of said members through an elongated slot in the other of said members and substantially coincident with said axis, and interlocking portions on said surfaces for securing said foot member in selected angular positions relative to said base member and releasable by relative movement of said members in a vertical direction to shift said pivot along said slot and separate said surfaces.

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