No. 663,632. Patented Dec. 11, 1900.

J. D. MACK.

FOOT REST.

(Application filed Apr. 11, 1900.)

(No Model.)

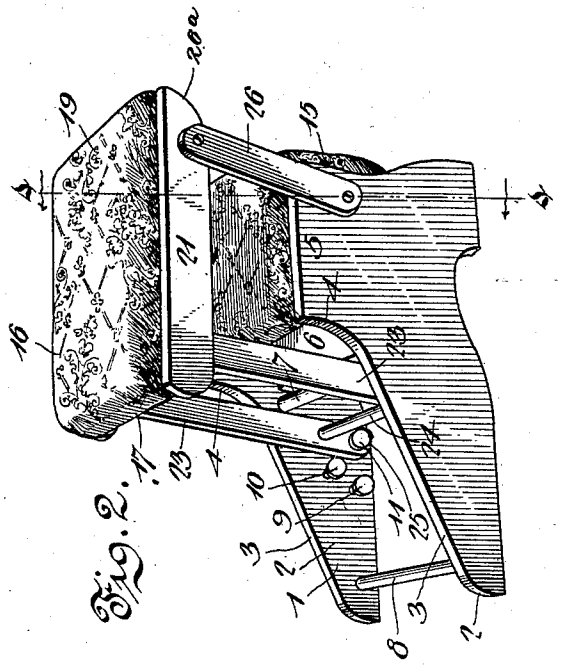


Fig. 2.

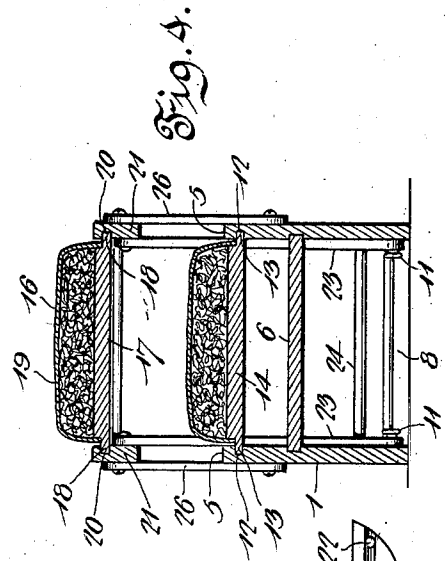


Fig. 4.

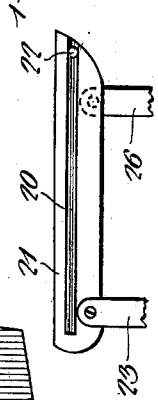


Fig. 5.

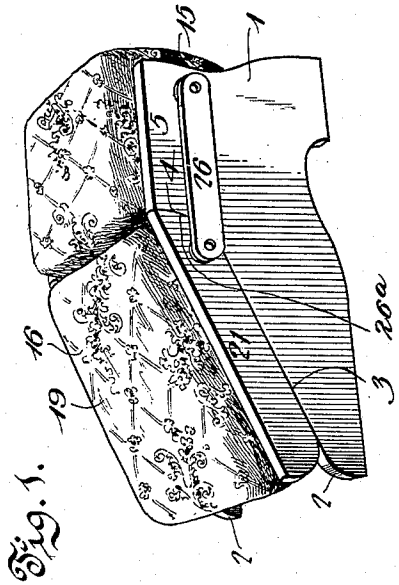


Fig. 1.

Fig. 3.

Witnesses
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UNITED STATES PATENT OFFICE.

JOSIAH D. MACK, OF SALEM, NEW YORK.

FOOT-REST.

SPECIFICATION forming part of Letters Patent No. 663,632, dated December 11, 1900.

Application filed April 11, 1900. Serial No. 12,473. (No model.)

To all whom it may concern:

Be it known that I, JOSIAH D. MACK, a citizen of the United States, residing at Salem, in the county of Washington and State of New York, have invented a new and useful Foot-Rest, of which the following is a specification.

This invention relates to foot-rests particularly designed for domestic use, but also adapted for other purposes, such as a boot and shoe fitter's stool; and the object of the same is to provide a simple and effective device of this character capable of being adjusted to accommodate different bodily positions and use with various types of chairs or other analogous supports and wherein the several adjustable features can be easily manipulated to make of the device itself a seat to be employed alone or conjointly with a rest portion having a fixed position.

The invention consists in the construction and arrangement of the several parts, which will be more fully hereinafter described and claimed.

In the drawings, Figure 1 is a perspective view of a foot-rest embodying the features of the invention and shown closed down in its simplest and most compact form. Fig. 2 is a similar view of the improved device, showing the auxiliary rest in an elevated position above the main body of the foot-rest proper. Fig. 3 is a similar view showing the auxiliary rest in a different elevated position after a change of adjustment. Fig. 4 is a transverse vertical section on the line 4 4 of Fig. 2. Fig. 5 is a detail side elevation of a portion of the device, showing the grooved construction for the reception of the cushion-frame.

Similar numerals of reference are employed to indicate corresponding parts in the several views.

The numeral 1 designates opposite side supports having longitudinal extensions 2 with upper downwardly-inclined edges 3, which run by regular curves 4 into and form the major portions of the outer side edges of vertical extensions 5. Secured to the inner upper portions of the supports is a horizontally-disposed shelf-board 6, and adjacent the front edge thereof a cross-round 7 is located and serves not only as a tie, but also as a brace in a manner which will be presently set forth. Close to the reduced extremities of the longitudinal extensions another cross-round 8 is positioned, and in addition to its service as a tie it is employed as a fulcrum-bearing to hold parts of the device under certain adjustments or change of position of the same to accommodate various uses. Between the locations of the rounds 7 and 8 a plurality of headed pins or studs 9, 10, and 11 project inwardly from the inner sides of the extensions 2, said pins or studs being similarly arranged on each extension and adapted to act as fulcrums and stops, as will be explained.

The inner opposing upper portions of the vertical extensions have longitudinal grooves 12 therein to removably receive and hold tongues 13, projecting laterally from the side portions of a cushion-frame 14, which is suitably upholstered and has a depending buffer 15 to bear against the front of a chair or other device to prevent scratching or injury thereto, and after the entire cushion is in proper position, as shown, pins or analogous devices are arranged adjacent the tongues to obstruct their movement and hold the said cushion in place against loosening accidentally, though providing simple means for readily removing the cushion when desired. The main portion of the cushion is disposed above the shelf-board 6, and the buffer contributes to the formation of a convenient compartment for the reception of slippers or other articles.

The improved device also includes in its organization an auxiliary rest 16, which comprises a cushion-frame 17, having laterally-projecting tongues 18 at the sides and a suitable upholstering 19, the side tongues 18 being fitted and held in grooves 20 in the inner opposing faces of side rails 21 and held in adjusted position by pins or other devices 22, which can be removed at any time to permit the cushion-frame to be withdrawn. The side rails 21 have a pair of legs 23 pivoted to one extremity, which are connected by a lower round 24 and depend into the space between the longitudinal extensions 2 of the supports, and the lower terminal of each leg has a recess 25 formed therein to removably fit over any one set of the plurality of headed studs or pins 9, 10, and 11 or over the cross-round

8, in accordance with the adjustment required. The outer portions of the opposite extremities of the side rails 21 have links 26 pivotally connected thereto and also to the vertical extensions 5 and swing in opposite directions and maintain the extremity of the cushion-frame 17, in which they coact, in relative adjusted position to the disposal of the legs 23. The ends 26^a of the side rails 21, adjacent to which the links 26 are secured, are curved to fit snugly against the curves 4 of the edges 3 of the extensions 2 to thereby permit the auxiliary rest 16 to be closely folded down on the said extensions, as clearly shown in Fig. 1, to thereby provide an extended rest to support the legs of an occupant of a chair when the buffer 15 has been brought up close to the front of the latter.

By causing the lower ends of the legs 23 to engage the headed studs or pins 11 the cushion or seat of the auxiliary frame will be free to move into either of two positions. The first position will be that shown by Fig. 2, with the legs resting against the round 7 and when the seat will be over the cushion of the main rest below, or said auxiliary seat can be thrown forward to have the legs bear against the upper headed pins or studs 10, and thus vary the elevation of the same. When the legs 23 are in engagement with the upper set of pins or studs 10, the seat of the auxiliary frame is further elevated and will be tilted at an angle in view of the greater distance of elevation at the forward end relatively to the fixed length of the links 26. A further variation in the adjustment of the auxiliary seat can be obtained by having the legs 23 engage the cross-round 8, and also at times the studs or pins 9 will be employed as supporting-fulcrums. From the foregoing it will be seen that the improved rest can be adjusted into a variety of positions to serve not only as a comfortable means to support the limbs of an occupant of a chair or other analogous device, but to serve as a stool for domestic and store purposes and wherein the upholstered portions or cushions may be easily detached for repair or cleaning.

The preferred form of the device has been shown and described, though it will be understood that the form, proportions, size, and minor details may be changed at will without departing from the principle of the invention.

Having thus described the invention, what is claimed as new is—

1. In a device of the character set forth, the combination of a main rest having longitudinal extensions projecting from one side thereof and also provided with a cushion, an auxiliary rest movably connected to the main rest and adjustable above and over the latter and foldable downwardly on the upper edges of the said longitudinal extensions, and means for pivotally connecting the auxiliary rest to the main rest to permit the adjustment of the said auxiliary rest as set forth, a portion of said means being free for engagement with different parts of the extensions.

2. In a device of the character set forth, the combination of a main rest having longitudinal extensions provided with cross-rounds and inwardly-projecting devices, and an auxiliary rest pivotally connected to the said main rest and having legs movably attached thereto to removably engage the rounds and projecting devices on the extensions.

3. In a device of the character set forth, the combination of a main rest having extensions with a plurality of headed studs or pins on the inner opposing sides thereof, and an auxiliary rest pivotally connected to the main rest and provided with a pair of movable legs having lower recessed ends to removably engage the said studs or pins.

4. In a device of the character set forth, the combination of a main rest having a cushion or seat and longitudinal extensions with cross-rounds and a plurality of headed studs or pins on the inner opposing sides thereof, an auxiliary rest also having a cushion or seat, side rails connected to the said latter cushion or seat, links pivotally connected to extremities of said rails and to the main rest, and a pair of legs movably attached to the opposite extremities of the said side rails and having recesses in the lower ends thereof to removably engage the headed studs or pins and the cross-rounds.

In testimony that I claim the foregoing as my own I have hereto affixed my signature in the presence of two witnesses.

JOSIAH D. MACK.

Witnesses:
EDGAR W. PHILO,
FREDERICK FRASER.