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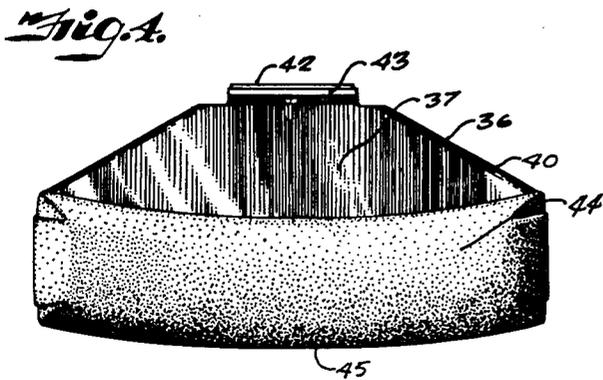
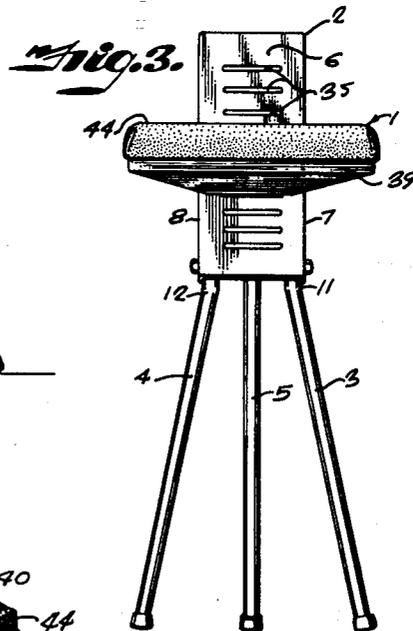
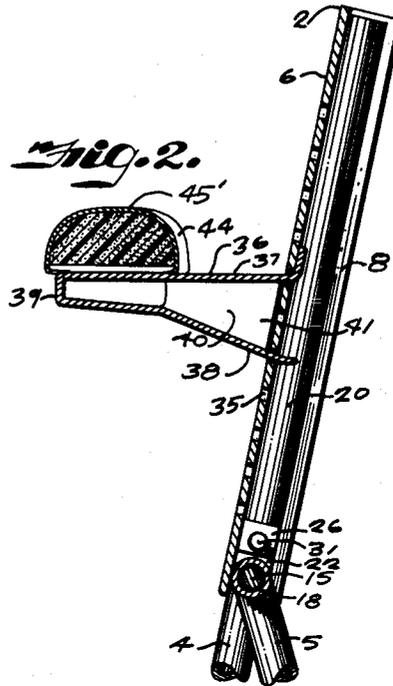
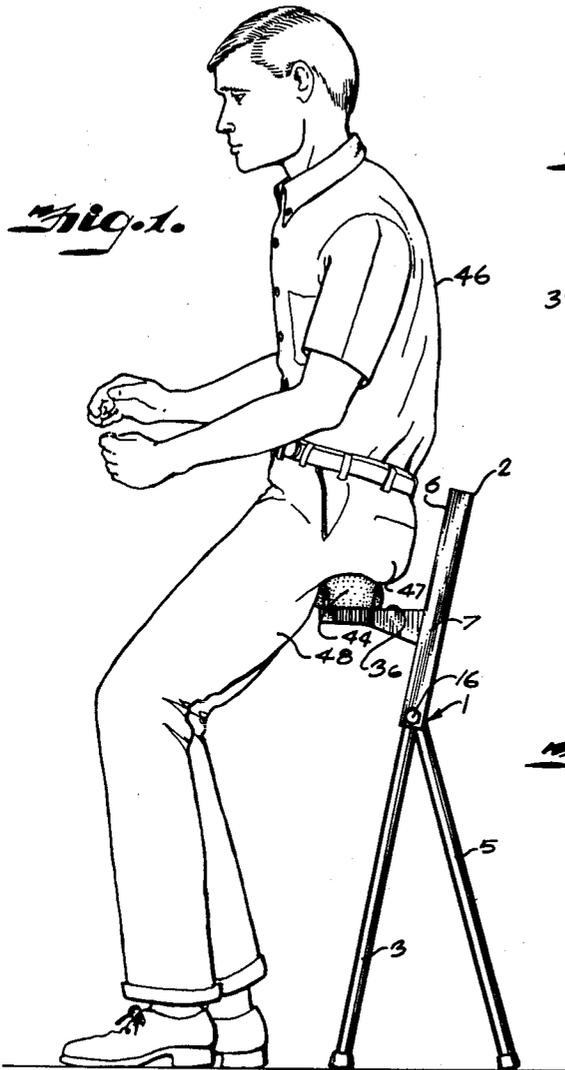
H. W. CRAMER

3,181,828

RESTING SUPPORT

Filed Sept. 18, 1963

2 Sheets-Sheet 1



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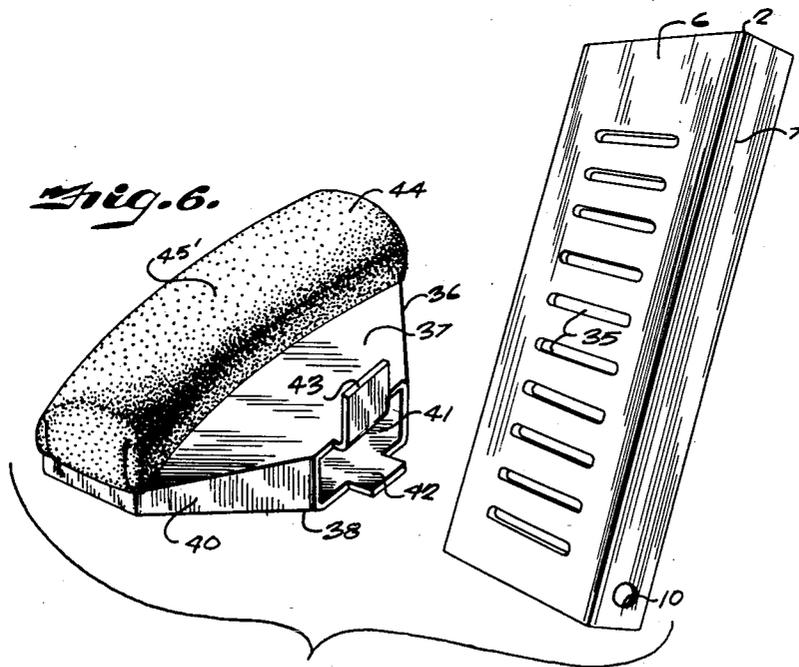
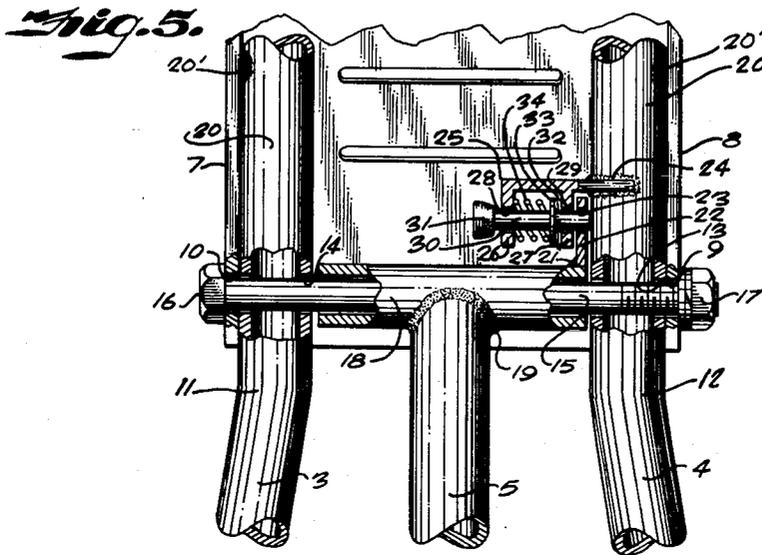
H. W. CRAMER

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RESTING SUPPORT

Filed Sept. 18, 1963

2 Sheets-Sheet 2



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3,181,828

RESTING SUPPORT

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9 Claims. (Cl. 248—125)

This invention relates to a resting stand or support, and more particularly to a device against which a person may lean in a half sitting position for resting or relaxing while at work.

The present stand or support is particularly adaptable for use by draftsmen who work at a table in a standing position or even sitting in the usual chair, or for women while ironing or other uses. When they become tired of standing or sitting in such position the present device is adaptable for use to change such position and allow the user to still work at his occupation and still relax or rest such person.

The principal object of the present invention is to provide a stand having legs for supporting same and one of which legs is pivotally mounted to the frame portion of the device and to the other legs so that it may be folded in alignment with the main legs for shipping; to provide a frame to which the legs are attached; to provide means for locking the pivoted leg in standing position; to provide a seat member having a bracket including arms or lugs for adjustable attachment to the frame; to provide means on the frame for adjusting the height of the seat member thereon; to provide the seat member with a cushion portion slightly curved to fit the seat of the user; and to provide a device of this character simple and economical to manufacture.

Other objects and advantages of this invention will become apparent from the following description taken in connection with the accompanying drawings wherein are set forth by way of illustration and example certain embodiments of this invention.

FIG. 1 is a side view of my stand with a user resting thereagainst.

FIG. 2 is an enlarged cross-sectional view particularly illustrating the frame and the seat bracket connection therewith.

FIG. 3 is a front elevational view of the stand.

FIG. 4 is an enlarged plan view of the cushion-seat and bracket.

FIG. 5 is an enlarged fragmentary partly cross-sectional view particularly illustrating the pivoted means for one leg and the locking mechanism for holding it in standing position.

FIG. 6 is an enlarged perspective view of the seat and bracket and frame support member.

Referring more in detail to the drawings:

The numeral 1 designates a stand embodying the features of my invention consisting of a frame member 2, spaced main legs 3 and 4 and a leg 5. The frame 2 is channel-shaped having a front wall or face 6 and side walls 7 and 8. The side walls 7 and 8 near the lower end are provided with aligned openings 9 and 10. The legs 3 and 4 are bent slightly as indicated at 11 and 12 to flare outwardly as illustrated in FIG. 3 and are provided slightly above the bent portions with transverse aligned openings 13 and 14 for receiving a bolt or the like 15 having a head 16 on one end and a nut 17 on the other.

The upper end of the leg 5 is welded to a sleeve member 18 as indicated at 19. The sleeve member extends between the legs 4 and 5 and is sleeved over the bolt 15 so that the leg 5 is rotatable to extend in an outward position as shown in FIG. 1 to provide a three-point support for the stand. The sleeve 18 also spaces the legs 3 and 4 apart.

The frame 2 is secured to the upper portions 20 of the legs 3 and 4 by the bolt 15 extending through the openings 9 and 10 in the side walls 7 and 8 of the frame, and also may be welded as indicated at 20' or otherwise secured to the upper portions of the legs on the inside of the sides 7 and 8 to form a rigid structure.

Welded to one end of the sleeve 18 as indicated at 21 is an arm 22 having a transverse opening 23 near its outer end. Rigidly secured to the portion 20 of the leg or post 4 by welding or the like as indicated at 24 is a bracket member 25 having spaced depending arms 26 and 27 provided with transverse aligned openings 28 and 29 for receiving a pin 30 having a head 31 on its outer end and its inner end being adapted to engage in the opening 23 in the arm 22 for locking the legs in support standing position as shown in FIG. 1. The pin 30 is held in place by a cotter pin 32 extending through the pin spaced from the inner end thereof. A washer 33 is provided adjacent the cotter pin and a coil spring 34 extends around the pin 30 between the washer 33 and the arm 26 so the normal position of the pin will be urged toward locking position with the arm 22.

The face 6 of the frame 2 is supplied with spaced pairs of slots 35 longitudinally thereof for attachment of the seat thereto as now to be described.

The seat member comprises a bracket member 36 including an upper plate 37 and a lower plate 38 and a front portion 39 and tapered sides 40 with an opening 41 at the rear, the lower plate 38 having a rearwardly extending lug 42 and the upper plate 37 having an upwardly turned arm 43. A cushion member 44 is provided on the front part 39 of the bracket 36, the front of the cushion 44 being slightly curved at 45 as illustrated in FIGS. 4 and 6 and the back of the cushion 44 also being slightly curved as indicated in FIGS. 4 and 6. The cushion member 44 is comparatively narrow with respect to the bracket 36 and is rounded over the top as indicated at 45' (FIG. 2).

In use a person 46 may rest or lean against the device by placing the portion of his anatomy between the buttocks 47 and thighs 48 on the cushion 44 as illustrated in FIG. 1 and thereby assume a half sitting and half standing position.

The slots 35 are spaced apart a distance equal to the distance between the plates 37 and 38 of the bracket 36 so that the arm 43 will extend through one slot and be against the inside of the front wall 6 of the frame 2 and the lug 42 will extend through the next lower slot on said frame.

It will be obvious from the foregoing that I have provided an improved resting stand easily adjustable for use and dismantling and folding for shipment.

It is to be understood that while I have illustrated and described one form of my invention, it is not to be limited to the specific form or arrangement of parts herein described and shown except insofar as such limitations are included in the claims.

What I claim and desire to secure by Letters Patent is:

1. A resting stand of the character described comprising,

- (a) a pair of spaced legs having a bent portion to flare the lower portion outwardly of each other, said legs having upper portions above said bent portions, said legs having transverse aligned openings above said bent portions,
- (b) a channel-shaped frame member having a front face and side portions engaging said upper portions of said legs, said side portions having aligned openings near their lower ends,
- (c) a pin extending through said openings in said side portions of the frame and said legs,
- (d) a sleeve rotatable on said pin between said legs,
- (e) a third leg rigidly secured to said sleeve,
- (f) means carried by said sleeve and the upper portion of one of said pair of legs to lock the third leg in stand supporting position,
- (g) a bracket member having a front portion and a rear portion,
- (h) a seat member on the front portion of said bracket member, and
- (i) means on the rear portion of said bracket member cooperating with means on said frame member for vertically adjustably attaching said bracket member to said frame member.

2. A resting stand of the character described comprising,

- (a) a pair of spaced legs having a bent portion to flare the lower portion outwardly of each other, said legs having upper portions above said bent portions, said legs having transverse aligned openings above said bent portions,
- (b) a channel-shaped frame member having a front face and side portions engaging said upper portions of said legs, said front face having pairs of slots spaced longitudinally thereof and said side portions having aligned openings near their lower ends,
- (c) a pin extending through said openings in said side portions of the frame and said legs,
- (d) a sleeve rotatable on said pin between said legs,
- (e) a third leg rigidly secured to said sleeve,
- (f) means carried by said sleeve and the upper portion of one of said pair of legs to lock the third leg in stand supporting position,
- (g) a bracket member having a front portion and a rear portion,
- (h) a seat member on the front portion of said bracket member, and
- (i) means on the rear portion of said bracket member engaging a pair of said slots on said frame member for vertically adjustably attaching said bracket member to said frame member.

3. The apparatus of claim 2 wherein the means on the rear portion of the bracket member consists of a vertically extending arm and a rearwardly extending lug spaced from said arm.

4. A resting stand of the character described comprising,

- (a) a pair of spaced legs having frame portions and lower portions, said legs having transverse aligned openings at the lower portion of said frame portions,
- (b) a channel-shaped frame member having a front wall and side portions engaging said frame portions of said legs, said front wall having pairs of longitudinally spaced slots therein, said side portions having aligned openings near their lower ends aligning with said openings in said frame portions of said legs,
- (c) means securing said frame portions of said legs to said frame member,
- (d) a pin extending through said openings in said side portions of the frame and said frame portions of said legs,

- (e) a sleeve rotatable on said pin between said legs,
- (f) a third leg rigidly secured to said sleeve,
- (g) means carried by said sleeve and the upper portion of one of said pair of legs to lock the third leg in stand supporting position,
- (h) a bracket member having a front portion and a rear portion,
- (i) a seat member on the front portion of said bracket member, and
- (j) means on the rear portion of said bracket member cooperating with means on said frame member for vertically adjustably attaching said bracket member to said frame member.

5. A resting stand of the character described comprising,

- (a) a pair of spaced legs having frame portions and lower portions, said legs having transverse aligned openings at the lower portion of said frame portions,
- (b) a channel-shaped frame member having a front wall and side portions engaging said frame portions of said legs, said front wall having pairs of longitudinally spaced slots therein, said side portions having aligned openings near their lower ends aligning with said openings in said frame portions of said legs,
- (c) means securing said frame portions of said legs to said frame member,
- (d) a pin extending through said openings in said side portions of the frame and said frame portions of said legs,
- (e) a sleeve rotatable on said pin between said legs,
- (f) a third leg rigidly secured to said sleeve,
- (g) means carried by said sleeve and the upper portion of one of said pair of legs to lock the third leg in stand supporting position,
- (h) a bracket member having upper and lower plate members and a rear portion,
- (i) a seat member on the front portion of said upper plate member of the bracket member,
- (j) a vertically extending arm on the rear portion of said upper plate member of said bracket member, and
- (k) a rearwardly extending lug on the rear portion of said lower plate member of said bracket member, said arm and said lug being adapted to engage in a pair of said slots in said frame member to attach said seat thereto.

6. A resting device of the character described comprising,

- (a) a bracket member having a rear portion and a front portion,
- (b) a support,
- (c) means on the rear portion of the bracket engaging said support to mount the bracket thereon so it extends therefrom with said front portion substantially horizontal and in spaced relation thereto, and
- (d) a resting pad having limited flexibility mounted on said front portion of the bracket, said pad being an elongated relatively narrow member elevated above said front portion of the bracket and having a front portion and a rear portion,
- (e) said pad rear portion being spaced forwardly of said bracket rear portion to permit the rear portion of a person's buttocks to overhang rearwardly of said pad rear portion, said pad having a curvature between said pad front and rear portion,
- (f) whereby when a person is resting on said device the person's legs extend forwardly of the pad and the person may balance himself thereon so as to substantially relieve all pressure between the person's feet and the floor.

7. A resting device as set forth in claim 6 wherein said pad is a cushion member with a rounded top presenting a front-to-rear convex upper surface.

5

8. A resting device as set forth in claim 6 wherein the engagement of the means on the rear portion of the bracket with the support to mount the bracket thereon is adjustable to vary the vertical height of the resting pad.

9. A resting device as set forth in claim 8 wherein the mid-portion of said resting pad is the foremost part with the leading edge curving rearwardly to each side.

5

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