

June 25, 1963

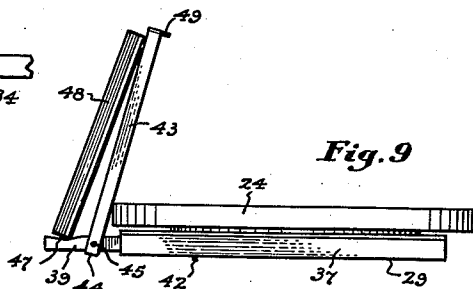
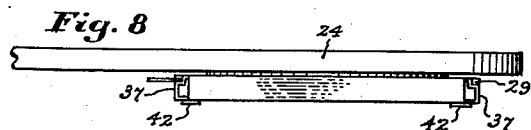
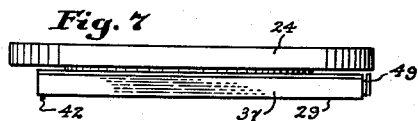
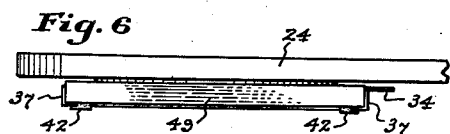
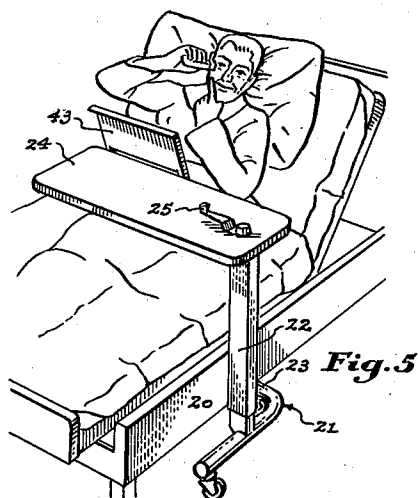
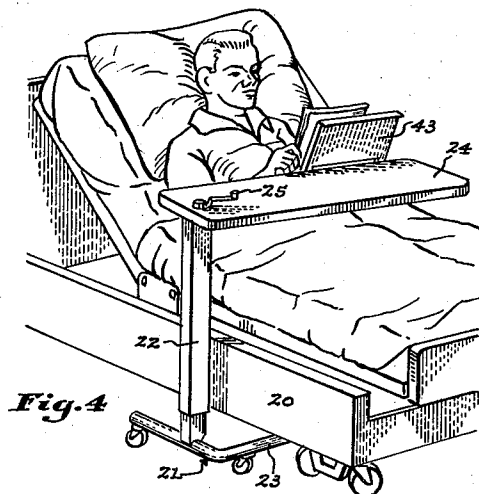
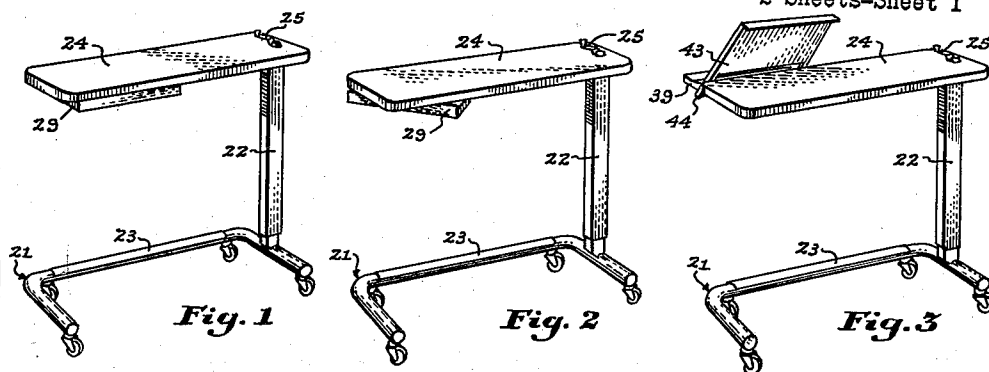
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3,094,949

ACCESSORY FOR OVERBED TABLE

Filed March 1, 1962

2 Sheets-Sheet 1



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2 Sheets-Sheet 2

Fig. 10

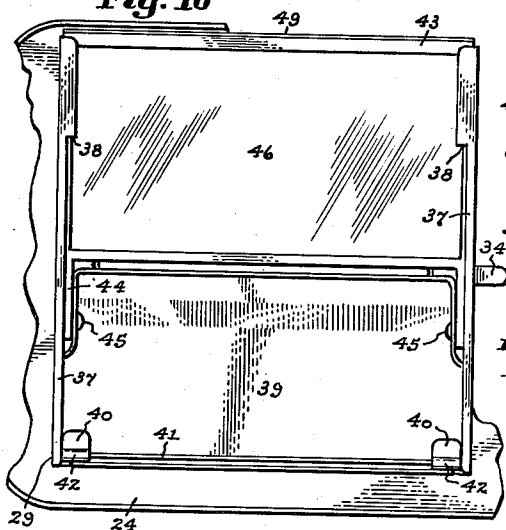


Fig. 11

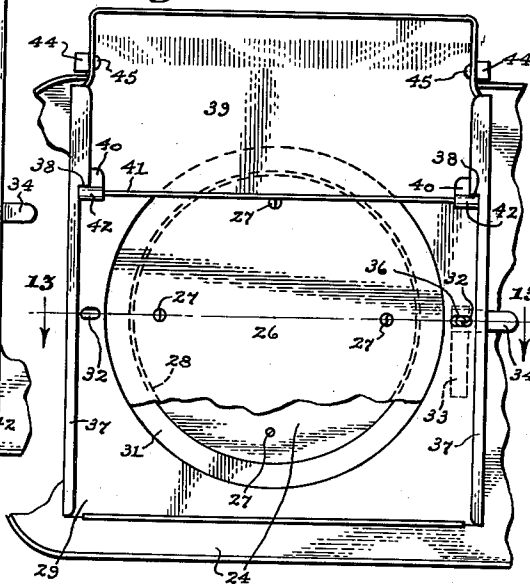


Fig. 12

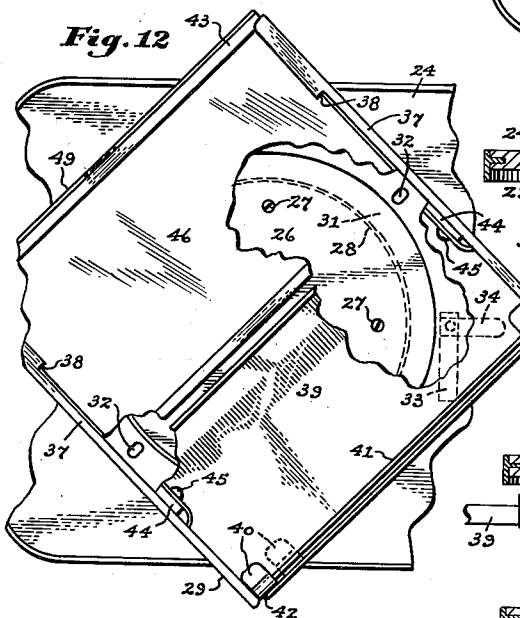


Fig. 13

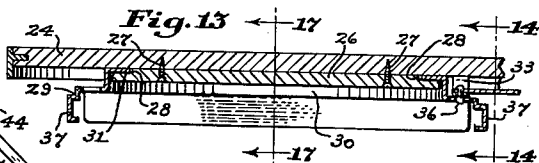


Fig. 15

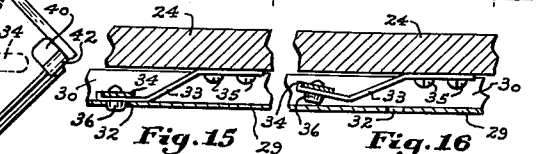


Fig. 16

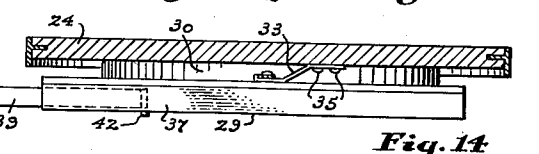


Fig. 14

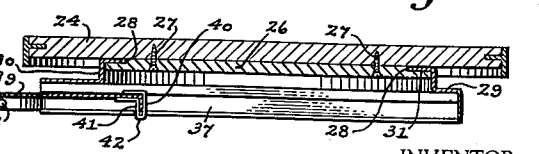
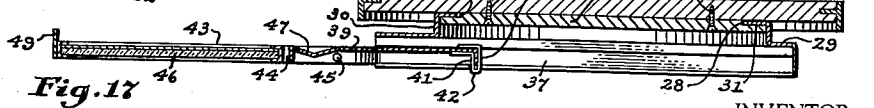


Fig. 17



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3,094,949

ACCESSORY FOR OVERBED TABLE

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15 Claims. (Cl. 108—32)

The present invention relates to accessories for overbed tables such as are commonly used in hospitals.

The primary objects of the invention are to provide a mirror and bookrest accessory for an overbed table of the type which has a single supporting column which can be disposed at either side of a bed with the base of the table extending transversely under the bed and with the table top extending transversely over the bed; to provide such an accessory which is reversible so as to be accessible to an occupant of the bed regardless of which side of the bed the supporting column is positioned alongside; and in general to provide such an accessory which is convenient in use, reasonably economical in manufacture and attractive in appearance.

An illustrative embodiment of the invention is shown in the accompanying drawings, wherein:

FIGURE 1 is a perspective view of an overbed table having the new accessory mounted on the underside of the table top, the accessory being here shown in a folded, non-use position beneath the table top;

FIGURE 2 is a similar view showing the accessory in a partially turned position;

FIGURE 3 is a similar perspective view showing the accessory in an unfolded position for use;

FIGURE 4 is a perspective view of a bed with an occupant therein using the new accessory as a bookrest, the single supporting column of the overbed table being here shown disposed on the right side of the bed;

FIGURE 5 is a perspective view of a bed with an occupant therein using the mirror feature of the accessory, the supporting column of the table being here shown disposed on the left side of the bed, thus reversing the table top in relation to the occupant;

FIGURE 6 is a fragmentary front elevational view of the overbed table top with the new accessory mounted thereon and in a folded position of non-use;

FIGURE 7 is an end elevational view of the same;

FIGURE 8 is a rear elevational view of the same;

FIGURE 9 is an end elevational view, opposite to FIGURE 7, and showing the accessory in an unfolded position for use;

FIGURE 10 is a fragmentary bottom plan view of the table top with the accessory in folded position beneath the table top;

FIGURE 11 is a similar view with the accessory shown in an extended or unfolded position for use;

FIGURE 12 is a bottom plan view similar to FIGURE 10 and showing the accessory in a partially turned position;

FIGURE 13 is a vertical sectional view taken on line 13—13 of FIGURE 11 of the table top and showing only those parts of the accessory which constitute the supporting frame thereof and the mounting means therefor;

FIGURE 14 is a vertical sectional view of the table and accessory taken on line 14—14 of FIGURE 13;

FIGURE 15 is a fragmentary enlarged view of latch mechanism seen in the middle of FIGURE 14, in latched position;

FIGURE 16 is a similar view of the latch mechanism, in unlatched position; and

FIGURE 17 is a central, vertical sectional view of the table top and the complete accessory, the plane of section being indicated by line 17—17 of FIGURE 13.

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Referring now in detail to these drawings, FIGURES 4 and 5 show a bed 20 and an overbed table generally designated 21 associated with the bed for the use of an occupant thereof. The overbed table comprises a single supporting column 22, a base 23 extended transversely under the bed 20 and a table top 24 extended transversely over the bed. A vertical adjustment operating handle 25 may be provided.

Various conditions sometimes require that the supporting column 22 of the overbed table be positioned at the right hand side of the bed 20 as seen in FIGURE 4, and at other times require that the column 22 be positioned at the left hand side of the bed as seen in FIGURE 5. It will readily be seen that with these two alternate arrangements, different sides of the table top 24 are presented to the bed's occupant; hence it is an object of this invention to provide a mirror and bookrest accessory which is reversible so that it may be used by the occupant regardless of which position the overbed table occupies.

A disc 26 (see FIGURES 11—17) of plastic or other suitable and durable material is secured to the underside of the table top 24 as by means of screws 27, said disc 26 having an outwardly opening retaining groove 28 extending around its upper periphery adjacent the table top. A rectangular open-front sheet metal supporting frame 29 has formed therein a central upstanding circular collar 30 which snugly but rotatably surrounds the disc 26 and which has a circular flange 31 extending from the upper periphery of the collar 30 inwardly into the retaining groove 28 of the disc 26. The supporting frame 29 is thus rotatably mounted on the underside of the table top 24.

The top wall of the supporting frame 29 has a pair of diametrically opposite latch apertures 32 therethrough located between the opposite sides of the collar 30 and the opposite sides of the supporting frame. A spring latch 33 having a handle 34 is mounted on the underside of the table top 24 as by means of screws 35 and is provided with a latch bolt 36 which is spring-pressed against the upper surface of the supporting frame. This latch bolt 36 is adapted to engage in one or the other of the latch apertures 32 for maintaining the supporting frame in a turned position wherein the open front thereof faces the head of the bed when the supporting column 22 of the overbed table is disposed on either side of the bed. When it is desired to reverse the position of the supporting frame 29, the handle 34 of the spring latch 33 is manually pressed upwardly to disengage the latch bolt 36 from an aperture 32 whereupon the supporting frame can be manually turned.

The opposite side walls of the supporting frame 29 are formed downwardly and then inwardly to provide parallel channel guides 37 having stops 38 near the front ends thereof. A rectangular sheet metal slide frame 39 is mounted in the channel guides 37 for forward-rearward movement in the supporting frame 29 and outwardly through the open front of the latter. Clips 40 are slidably mounted on the rear wall 41 of the supporting frame 29 and have downward projections 42 which are adapted to contact the stops 38 on guides 37 to limit movement of the slide frame 39 outwardly of the supporting frame to a position wherein the slide frame is partially within and partially outside the supporting frame.

A rectangular sheet metal utility frame 43 has arms 44 which are pivotally mounted at 45 on the slide frame 39 whereby the utility frame is swingable about a horizontal axis. It will be seen that when the slide frame 39 is in an outwardly moved position the utility frame 43 is swingable between a rearwardly-upwardly extending position of use (see FIGURES 2, 4, 5 and 9) resting against the table top, and a lowered non-use position (see FIGURE 17). When in this non-use position the utility

frame 43 is movable with the slide frame 39 into the supporting frame 29 beneath the table top 24.

A mirror 46 is mounted on the utility frame 43 by any suitable means, being here shown enclosed within the frame which is of inwardly opening channel bar construction. It will be seen that the mirror faces toward the head end of the bed when the utility frame is in its rearwardly-upwardly extending position of use.

In order to adapt the accessory as a bookrest, the forward part of the slide frame 39 is embossed downwardly to form a book supporting ledge 47 (see FIGURES 9 and 17). A book 48 is shown in FIGURE 9 supported on the ledge 47 and resting against the mirror 46.

If desired, and as shown, a decorative strip 49 of stainless steel or other suitable material is applied as by welding to the front surface of the utility frame 43.

It will thus be seen that the invention provides a novel, convenient and attractive combination mirror-bookrest for overbed tables, and while but one specific embodiment of the invention has been herein shown and described it will be understood that numerous details thereof may be altered or omitted without departing from the spirit of the invention as defined by the following claims.

I claim:

1. An accessory for a table comprising:
 - an open-front supporting frame having forwardly-rearwardly extending guides at the opposite sides thereof;
 - a slide frame mounted in said guides for forward-rearward movement in the supporting frame and outwardly through the open front thereof; and
 - means for mounting said supporting frame on the underside of a table top for pivotal movement about a vertical axis whereby the open front of the supporting frame may be presented toward one or another side of said table top.
2. An accessory for a table according to claim 1 characterized by having:
 - a utility frame mounted on said slide frame for swinging movement about a horizontal axis whereby when the slide frame is in an outwardly moved position the utility frame is swingable between an upwardly extending position of use and a lowered non-use position, in which non-use position the utility frame is movable with the slide frame into said supporting frame beneath the table top.
3. An accessory for a table according to claim 2 characterized by having:
 - a mirror mounted on the utility frame and facing away from the table top when the utility frame is in its upwardly extending position of use.
4. An accessory for a table according to claim 2 characterized by having:
 - said utility frame when in its use position extending rearwardly-upwardly from said slide frame and resting against said table top.
5. An accessory for a table according to claim 4 characterized by having:
 - a book-supporting ledge provided on the forward part of the slide frame.
6. An accessory for a table according to claim 4 characterized by having:
 - stops on the guides near the front ends thereof; and
 - projections on the side frame adapted to contact the stops on the guides to limit movement of the slide frame outwardly of the supporting frame to a position wherein the slide frame is partially within and partially outside the supporting frame.
7. In an overbed table having a single supporting column adapted for disposition on either side of a bed with the base of the table extending from the supporting column transversely under the bed and with the table top extending from the supporting column transversely over the bed:
 - a disc fixedly secured to the underside of the table top

and having an outwardly opening retaining groove extending around its upper periphery adjacent the table top;

- a rectangular, open-front supporting frame having formed therein a central upstanding circular collar snugly, rotatably surrounding said disc and a circular flange extending from the upper periphery of said collar inwardly into said retaining groove, said supporting frame having forwardly-rearwardly extending guides at the opposite sides thereof; and
 - a slide frame mounted in said guides for forward-rearward movement in the supporting frame and outwardly through the open front thereof.
8. An overbed table according to claim 7 characterized by having:
- the supporting frame provided with a pair of diametrically opposite latch apertures therethrough located between the opposite sides of the collar and the opposite sides of the supporting frame; and
 - a spring latch mounted on the underside of the table top and provided with a latch bolt spring-pressed against the upper surface of the supporting frame and adapted to engage in one or the other of said latch apertures for maintaining the supporting frame in a turned position wherein the open front thereof faces the head of the bed when the supporting column of the table is disposed on either side of the bed.
9. An overbed table according to claim 7 characterized by having:
- a utility frame mounted on said slide frame for swinging movement about a horizontal axis whereby when the slide frame is in an outwardly moved position the utility frame is swingable between an upwardly extending position of use and a lowered non-use position, in which non-use position the utility frame is movable with the slide frame into said supporting frame beneath the table top.
10. An overbed table according to claim 9 characterized by having:
- a mirror mounted on the utility frame and facing the head of the bed when the utility frame is in its upwardly extending position of use.
11. An overbed table according to claim 9 characterized by having:
- said utility frame when in its use position extending rearwardly-upwardly from said slide frame and resting against said table top.
12. An overbed table according to claim 11 characterized by having:
- a book-supporting ledge provided on the forward part of the slide frame.
13. An overbed table according to claim 11 characterized by having:
- stops on the guides near the front ends thereof; and
 - projections on the slide frame adapted to contact the stops on the guides to limit movement of the slide frame outwardly of the supporting frame to a position wherein the slide frame is partially within and partially outside the supporting frame.
14. In an overbed table having a single supporting column adapted for disposition on either side of a bed with the base of the table extending from the supporting column transversely under the bed and with the table top extending from the supporting column transversely over the bed:
- a disc fixedly secured to the underside of the table top and having an outwardly opening retaining groove extending around its upper periphery adjacent the table top;
 - a rectangular, open-front supporting frame having formed therein a central upstanding circular collar snugly, rotatably surrounding said disc and a circular flange extending from the upper periphery of said collar inwardly into said retaining groove, the

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opposite side walls of said supporting frame being formed downwardly and then inwardly to provide parallel channel guides having stops near the front ends thereof, said supporting frame having also a pair of diametrically opposite latch apertures there-through located between the opposite sides of the collar and the opposite sides of the supporting frame; 5

a spring latch mounted on the underside of the table top and provided with a latch bolt spring-pressed against the upper surface of the supporting frame and adapted to engage in one or the other of said latch apertures for maintaining the supporting frame in a turned position wherein the open front thereof faces the head of the bed when the supporting column of the table is disposed on either side of the bed; 10

a rectangular slide frame mounted in said channel guides for forward-rearward movement in the supporting frame and outwardly through the open front thereof, said slide frame having a transverse book-supporting ledge formed in the forward part thereof; 20

projections on said slide frame adapted to contact the stops on the channel guides to limit movement of the slide frame outwardly of the supporting frame to a position wherein the slide frame is partially within and partially outside the supporting frame; 25

a rectangular utility frame having arms pivotally mounted on said slide frame rearwardly of said book ledge, said utility frame being thus mounted for swinging movement about a horizontal axis whereby 30

when the slide frame is in an outwardly moved position the utility frame is swingable between a rear-

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wardly-upwardly extending position of use resting against the table top and a lowered non-use position, in which non-use position the utility frame is movable with the slide frame into said supporting frame beneath the table top; and

a mirror mounted on the utility frame and facing toward the head of the bed when the utility frame is in its upwardly extending position of use.

15. In an overbed table having a single supporting column adapted for disposition on either side of a bed with the base of the table extending from the supporting column transversely under the bed and with the table top extending from the supporting column transversely over the bed:

an accessory mounted on the underside of the table top for pivotal movement about a vertical axis so that the front of the accessory may be made accessible to either side of the table top.

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