

[54] STOVE TOP WITH LEVELING MEANS

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[58] Field of Search 126/214 A, 24, 211; 4/187 A

[56] References Cited

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[57]

ABSTRACT

A stove disposed in an opening in a counter top has a top overlying the opening. Manually adjustable means secured to the stove and accessible from the top of the counter enables the top of the stove to be levelled regardless of the position of the counter top. First and second horizontal spaced bubble type levels secured to the top of the stove and extending at right angles to each other enables the levelling operation to be carried out easily and accurately.

5 Claims, 2 Drawing Figures

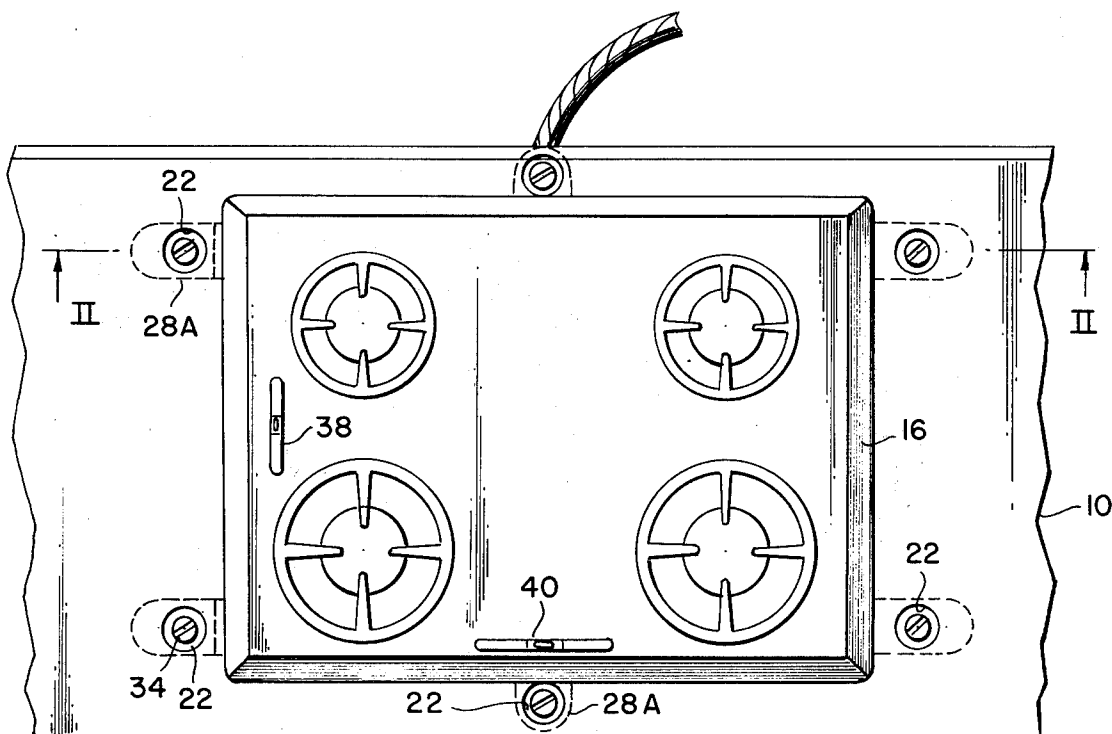


FIG. 1

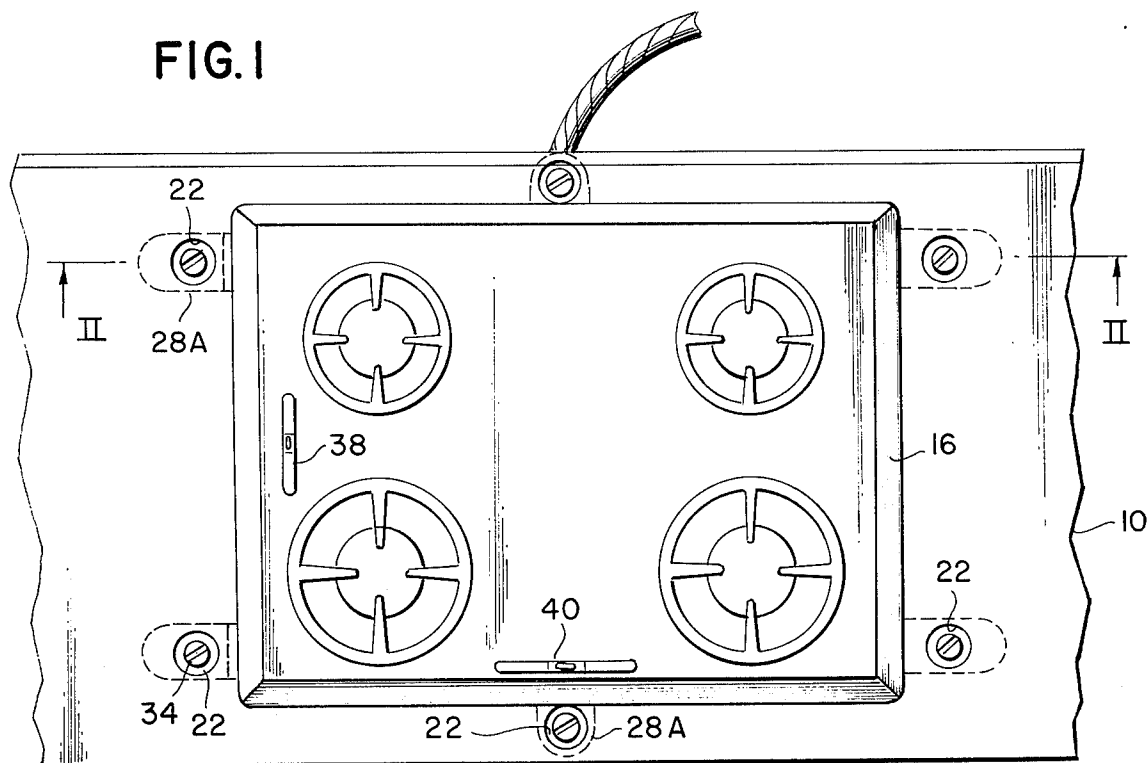
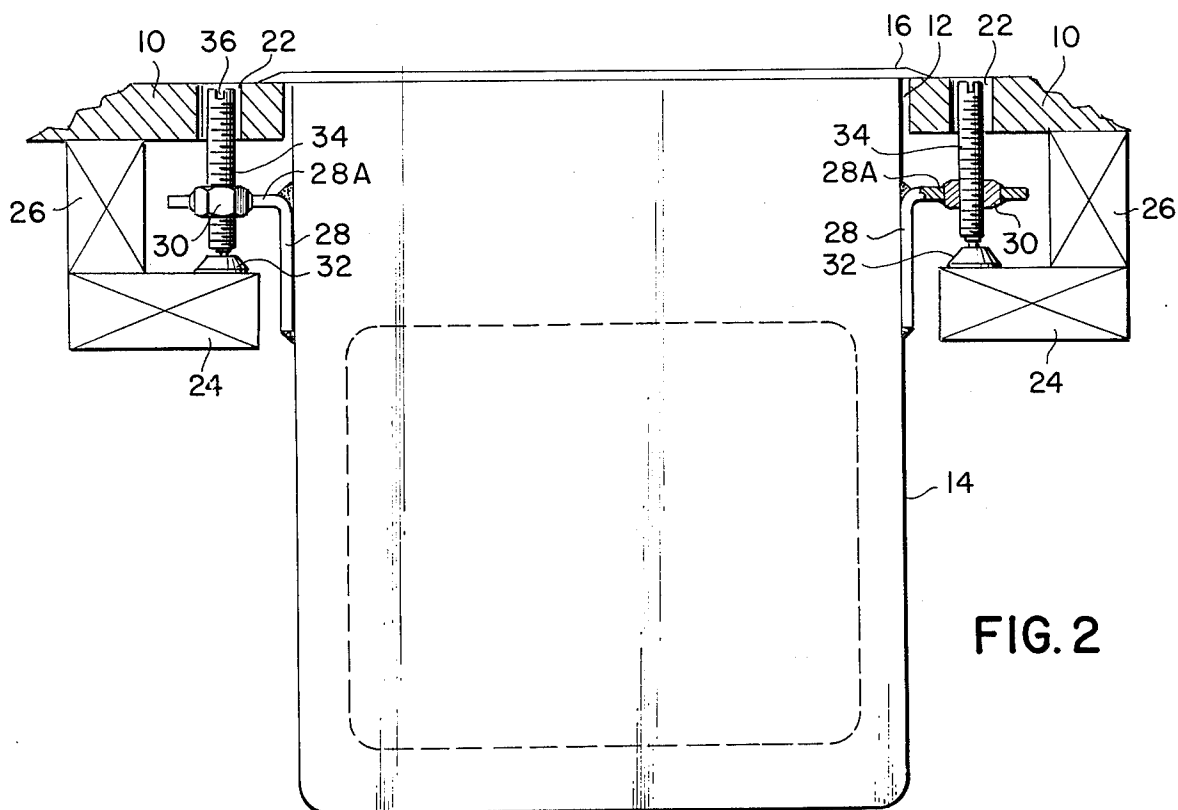


FIG. 2



STOVE TOP WITH LEVELING MEANS

SUMMARY OF THE INVENTION

Camper type vehicles often contain stoves and ovens which are installed in cabinets having counter tops, the stove and oven being a combined unit disposed in an opening in the counter top with the stove top overlying the opening.

Depending upon the terrain, the vehicle may not be parked in level position whereby the stove and oven unit is not level. Difficulties immediately arise under these conditions when food is to be cooked.

This invention overcomes these difficulties by enabling the user to level the stove top and thus the entire unit independently of the position of counter top and vehicle. To this end, manually adjustable means secured to the stove and accessible from the top of the counter enables the top of the stove to be levelled regardless of the position of the counter top. First and second horizontal spaced bubble type levels secured to the top of the stove and extending at right angles to each other enables the levelling operation to be carried out easily and accurately.

BRIEF DESCRIPTION OF THE DRAWINGS

In the drawings:

FIG. 1 is a top view of the invention in use; and
FIG. 2 is a view taken along line 2—2 in FIG. 1.

DETAILED DESCRIPTION OF PREFERRED EMBODIMENTS

Referring now to FIGS. 1 and 2, counter top 10 has rectangular opening 12. A combination stove and oven unit 14 having a stove top 16 fits slidably within the opening, top 16 overlying the opening.

The counter top along two opposite parallel edges of the opening extending between the front 18 and rear 20 of the counter top has vertical bores 22 spaced from the adjacent edges of top 16.

Horizontal members 24 spaced below the counter top and extending under the bores are held in place by braces 26 secured both to the underside of the counter top and to the members.

Angle brackets 28 secured to the stove have horizontal portions 28A extending between members and bores. These brackets have openings with nuts 30 secured therein. Each nut has a threaded bore aligned with but spaced below a corresponding bore 22.

Vertical threaded bolts 34 extend through each bore and threadedly engage the bores of corresponding nuts. The bottom of each bolt is an enlarged foot 32 resting on a member 24. The top end of each bolt is slotted as shown at 36 to receive a screwdriver, and is essentially

flush with the top of the counter top. Each bolt is freely and manually rotatable in either direction about its foot when a screw driver, coin or other item is used to rotate same.

Thus the stove top and remainder of the unit is easily levelled. Horizontal bubble type levels 38 and 40 of small size are secured to the stove top and extend at right angles to each other. These levels permit easy and accurate levelling.

If desired, the levelling arrangements can be used with front and rear edges of the opening in the counter top as well as with the side edges. In this event, brackets 28 will have to be secured to the front and rear of the unit as well as to the sides thereof.

While the invention has been described with detailed reference to the drawings, the protection sought is to be limited only by the terms of the claims which follow.

I claim:

1. Stove apparatus adapted to be installed in a horizontal counter top opening having two oppositely disposed sides, the counter top edges defining said sides each having at least one vertical bore, said apparatus comprising:

first and second horizontal members spaced below the counter top underneath the bores;
means secured to said members and to said top to hold the members in position;
a stove having a top overlying the counter top and fitting slidably within the opening;

L-shaped bracket means secured to said stove and having horizontal portions extending between bores and members, each portion having a threaded nut aligned with and disposed below the corresponding bore; and

manually rotatable threaded bolts, each bolt extending through the corresponding bore and threadedly engaging the corresponding threaded nut in the corresponding bracket portion, each bolt having a top end accessible from the top of the counter and having a bottom end bearing against the corresponding member.

2. Apparatus of claim 1 further including first and second spaced horizontal levels extending at right angles to each other and secured to the stove top.

3. Apparatus of claim 2 wherein the levels are of bubble type.

4. Apparatus of claim 3 wherein each top edge contains two spaced bores.

5. Apparatus of claim 1 wherein the opening has four sides, there are four counter top edges each with a vertical bore, and there are four horizontal members each disposed beneath a corresponding bore of a corresponding side.

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