Aug. 3, 1948. H. M. REEVES 2,446,391

COMBINED CLOSURE AND RECEPTACLE FOR GAS RANGES

Filed March 31, 1945

Fig. 1

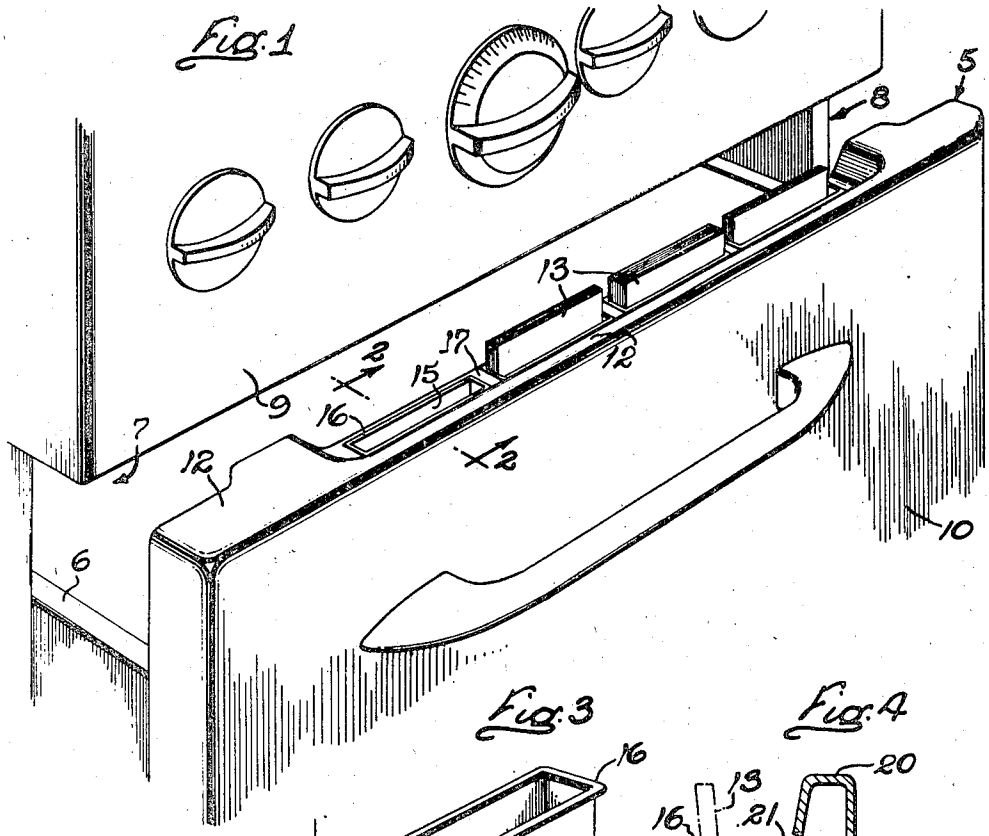


Fig. 2

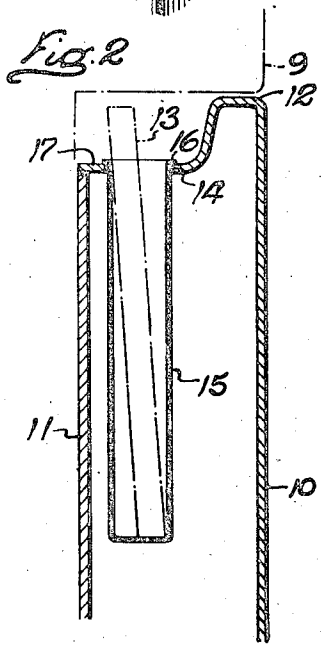


Fig. 3

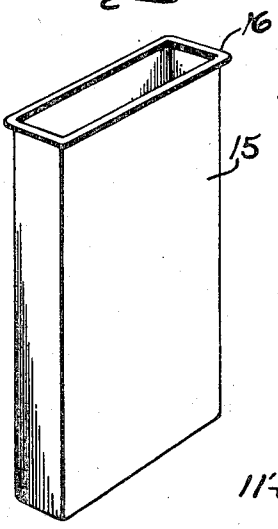
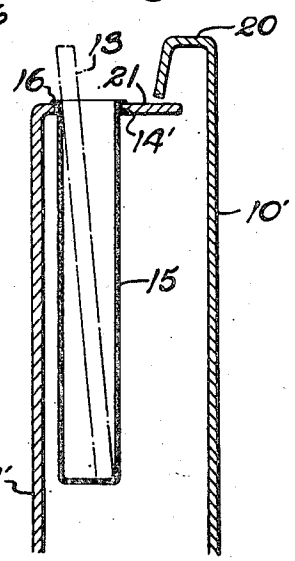


Fig. 4



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COMBINED CLOSURE AND RECEPTACLE FOR GAS RANGES

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2 Claims. (Cl. 312—173)

1

The invention relates to improvements in cookstoves having doors of substantial thickness for the accommodation of insulating material and other doors or closure panels which are uninsulated but corresponding in thickness to the insulated doors so as to present a flush stove front.

The primary object of the invention is to increase the convenience and utility of cookstoves of the above general character by providing within the uninsulated closure panels one or more conveniently accessible receptacles for holding cards containing recipes or the like.

Another object is to provide in a closure panel for cookstoves a card filing receptacle or pocket disposed wholly within the panel in space that is otherwise unused.

Other objects and advantages of the invention will become apparent from the following detailed description of the preferred embodiment illustrated in the accompanying drawing in which:

Figure 1 is a fragmentary front view of a gas range having a closure panel embodying the features of the invention.

Fig. 2 is a transverse sectional view through the closure panel taken in a vertical plane substantially on the line 2—2 of Fig. 1.

Fig. 3 is a perspective view of a card holding receptacle.

Fig. 4 is a sectional view similar to Fig. 2 showing a modified form of closure panel fitted with a card filing receptacle.

While the invention is susceptible of various modifications and alternative constructions, I have shown in the drawings and will herein describe in detail the preferred embodiment, but it is to be understood that I do not thereby intend to limit the invention to the specific form disclosed, but intend to cover all modifications and alternative constructions falling within the spirit and scope of the invention as expressed in the appended claims.

For purposes of illustration, I have shown the invention as embodied in a closure panel 5 forming the front of a utility drawer 6 slidably mounted within a compartment 7 in a range body 8. Panels of this general character are also frequently used as swinging or drop doors in modern gas ranges. The panels are conventionally made of substantial thickness to lie flush with other parts of the range such as the front or manifold panel 9 as shown in Fig. 1 thus providing a uniformly smooth front surface of attractive appearance.

Referring to Figs. 1 and 2 of the drawings, the closure panel 5 as herein shown comprises an

2

outer or front member 10 of sheet metal and an inner or liner member 11 also of sheet metal spaced inwardly from the front member. The space between the members is closed at the top and sides of the panel by integral inturned flanges 12 formed on the corresponding edges of the front member 10. The outer member is ordinarily finished with vitreous enamel or other suitable coating material and may be secured to the liner by spot welding or in any other suitable manner.

In accordance with the invention, the space between the inner and outer members of the panel 5 is utilized for the filing of recipe cards 13. For this purpose, the top flange 12 of the panel is formed with one or more openings 14 each adapted to receive a suitable card receptacle 15. The latter, as herein shown, is in the form of a generally rectangular box-like structure of sheet metal or other suitable material open at its upper end to define a card receiving pocket and dimensioned to fit within the opening 14. While a relatively snug fit is desirable to prevent the receptacle from rattling when the panel is opened or closed, it is preferred to form the parts so that the receptacle may be readily removed for cleaning. Support for the receptacle 15 is provided by an outwardly turned flange or bead 16 formed around the open end of the receptacle and adapted to rest on the flange 12 around the edge of the opening 14.

While the receptacles 15 may be dimensioned to accommodate cards of any desired size, it is preferred to construct them for use with standard filing cards, as for example, conventional three inch by five inch cards. Preferably, the receptacles are arranged to receive the cards lengthwise and, as will be seen by reference to Figs. 2 and 3 of the drawings, are of a depth slightly less than the length of the card 13 they are intended to accommodate. With this arrangement the upper ends of the cards project from the receptacles so that they may be conveniently grasped for removal.

To provide clearance space for the projecting ends of the cards when the panel 5 is closed in below the front panel 9, a section 17 of the flange 12 in which the receptacles 15 are mounted is preferably offset or depressed below the upper edge of the front member 10 as shown in Figs. 1 and 2 so as to form an upwardly and rearwardly opening recess. Thus the upper edges of the cards are enabled to clear the front panel 9 so that the panel 5 may be opened and closed without interference. Moreover, the cards 13

and the receptacles 15 are completely concealed and protected by the upper edge of the panel 5 when the latter is in closed position yet are readily accessible by merely opening the panel a slight distance.

In the modified panel shown in Fig. 4 of the drawings, the front member 10' is provided on its upper edge with an inwardly and downwardly turned flange 20 overlying an outwardly turned flange 21 formed on the upper edge of the liner 11'. The latter flange, in this instance, serves to close the space between the panels and is provided with openings 14' for the reception of the card receptacles 15.

It will be apparent from the foregoing that the invention provides novel accommodations for recipe cards or the like in gas ranges without taking up any space usable for other purposes. The cards are adequately protected from dust or soiling yet are conveniently accessible at the place where they are most commonly required. The structure required is very simple and inexpensive to manufacture and is easy to clean.

I claim as my invention:

1. In a cookstove having a utility compartment opening at the front of the stove and a front panel extending over and defining the upper edge of the compartment opening, an upright closure for the compartment opening supported for movement from an open position to a closed position below and substantially flush with said front panel, said closure comprising a sheet metal panel having a rearwardly turned flange along its upper edge, a portion of said flange being offset downwardly at its rear edge, a receptacle defining a pocket for the reception of recipe cards or the like, means on said receptacle engageable with said downwardly offset portion of the flange to suspend the receptacle from the flange, said downwardly offset portion of the flange providing a clearance space between the lower edge of the front panel and the upper end of the receptacle when the closure is moved into closed position beneath the front panel, said space being closed at the front of the stove by the upper edge of the closure in its said closed position to conceal the receptacle.

2. In a stove structure having an upper stationary front panel, a utility compartment having a front opening, the upper edge of which is defined by the lower edge of said stationary panel, a vertical closure for the front opening of said compartment supported for movement from an open position to a closed position below and flush with said stationary panel, said closure comprising a sheet metal panel having an inwardly turned marginal flange of substantial width along its upper edge, a receptacle defining a pocket of a depth such that recipe cards or the like may be received therein with their upper ends projecting above the top of the receptacle, said panel flange having an opening dimensioned to receive the receptacle and said receptacle having an outwardly turned portion at its open end adapted to engage said flange to support the receptacle in said opening, the portion of said flange containing said opening being offset downwardly from the upper edge of said closure panel to form an elongated upwardly opening recess having a front wall serving to conceal the upper projecting ends of the cards in the receptacle when the closure panel is moved into closed position beneath said stationary panel.

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