

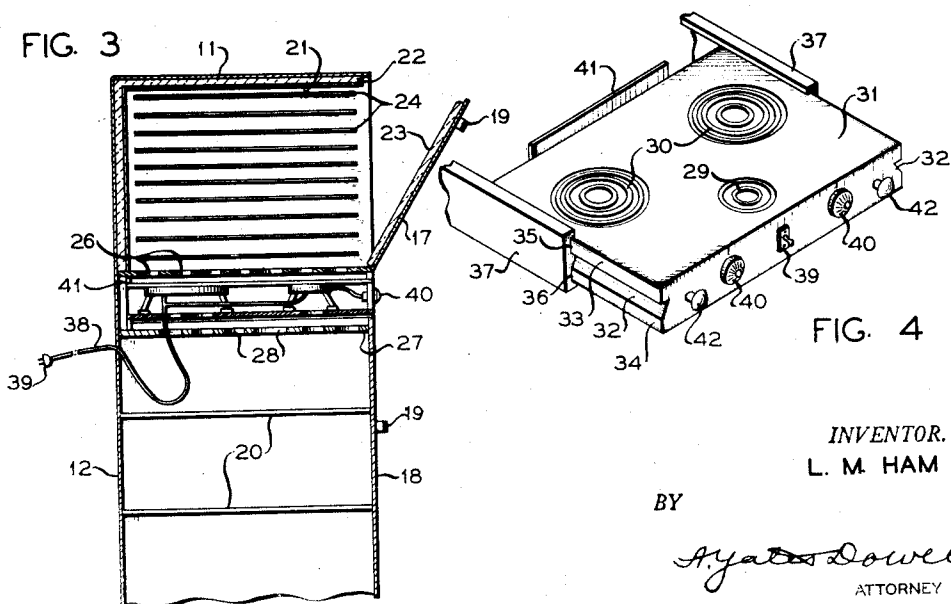
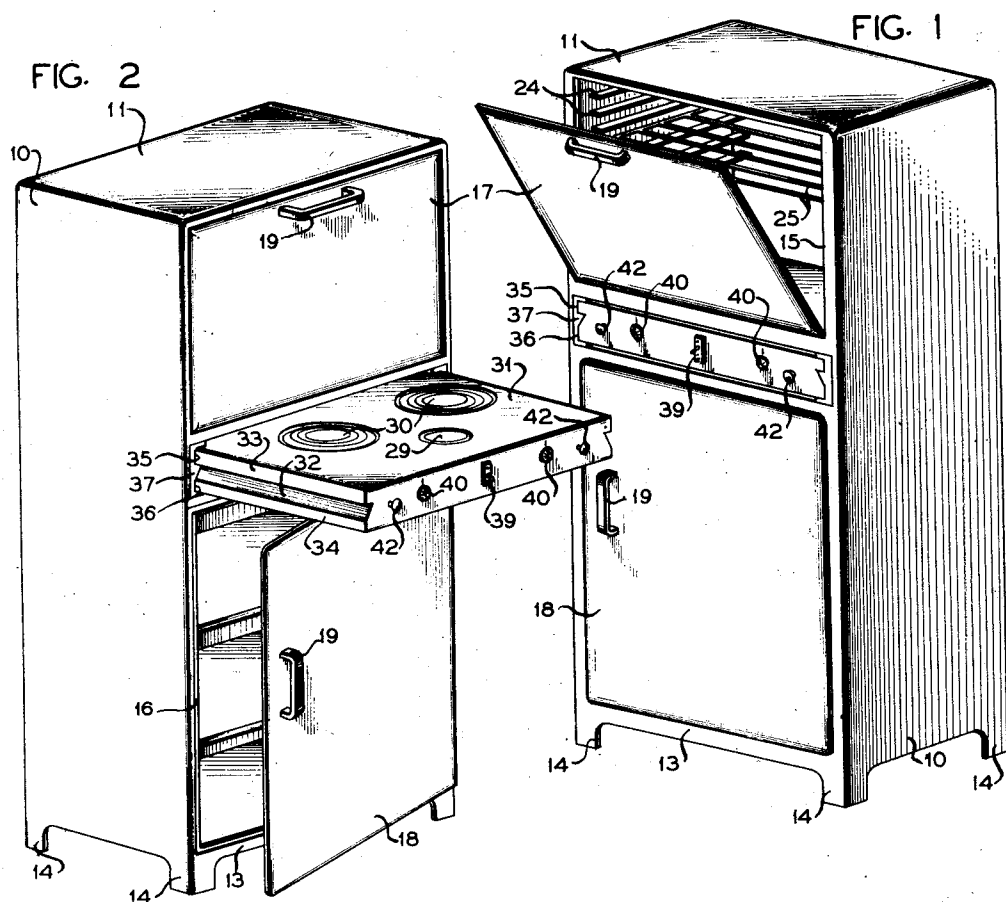
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APARTMENT RANGE

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APARTMENT RANGE

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1 Claim. (Cl. 219—35)

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This invention relates to the culinary art, and more particularly to a stove employed in the cooking of food for human consumption.

The invention is especially directed to an apartment range suitable for use where space is at a premium.

Various types of relatively small cook stoves have been employed without completely satisfactory results, due to certain objectionable features that have been found to exist, including cost, efficiency, appearance, and the like.

It is an object of the invention to provide a simple, inexpensive, compact, apartment range of multiple use, including storage, warming and baking, a device which consists only of essential parts, involves the fewest manufacturing problems, and can be manufactured to be sold at a low price.

Further objects and advantages of the invention will be apparent from the following description taken in conjunction with the accompanying drawings, wherein:

Fig. 1 is a perspective of an apartment range constructed in accordance with the present invention;

Fig. 2, another perspective with certain of the parts in different position;

Fig. 3, a fragmentary vertical section; and

Fig. 4, a fragmentary detail of the heating mechanism.

With continued reference to the drawings, the range of the present invention is in the form of a cabinet of substantially rectangular configuration, with side or wall panels 10, top panel 11, rear wall or panel 12 and a cut-out front panel 13. These parts may be formed of individual panels which have cut-out portions at their bottoms providing supporting legs 14.

The range is provided with an oven and a combination warming and storage compartment, access to which is possible through door openings 15 and 16, respectively and closed by doors 17 and 18, respectively. The oven door 17 is horizontally pivoted at its lower edge, and the door 18 is vertically pivoted at the side of the cabinet. Handles 19 are provided for opening and closing said doors.

The front, rear, and side walls of the cabinet are made of sheet metal or other material capable of supporting the load they are required to carry, so that a cabinet frame is unnecessary, notwithstanding the fact that the warming cabinet is provided with shelves 20. The oven is provided with a liner 21, between which and the top and rear walls of the cabinet insulation 22 is disposed. A door is likewise provided with a liner 23, be-

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tween which and the door similar insulation is also adapted to be disposed.

The liner 21 is also provided with shelf ribs 24 for adjustably supporting shelves 25 within the oven. If desired, the lower compartment of the range having the shelves 20 therein may likewise be insulated. The bottom of the liner 21 is provided with openings 26 for admission of heat supplied to the oven from a source located below the same. The lower compartment of the range is provided with a top 27 having perforations 28, through which heat may pass downwardly from a source of supply, or through which there can be a circulation of air from the upper portion of the lower compartment, which is in effect a warming closet, and heat created between the shelf 27 and the lower portion of the liner 21.

The range of the present invention is adapted to be electrically heated from a conventional outlet, and for this purpose includes a small electrical heating unit 29, and a pair of preferably larger heating units 30. These heating units are adapted to be disposed directly between the oven and warming compartments, as shown in Figs. 1 and 3, for supplying heat to the respective compartments, or are adapted to be disposed upwardly of such position at the front of the cabinet, as shown in Fig. 2, in order to provide hot plates or burners on which a frying pan, a boiler, and a coffee pot, or other cooking utensil can be placed for heating the same, as on the top of an ordinary gas or electric stove.

In order to provide the necessary mounting, the electrical heating units 29 and 30 are mounted in a shelf 31 having grooves 32 forming upper and lower slide members 33 and 34 for reception in complementary upper and lower grooves 35 and 36 on slide members 37. A flexible conductor 38 has a plug 39 on its end for plugging in a conventional electrical socket.

The shelf is therefore susceptible of being used in either of its extreme positions forwardly or rearwardly, and to facilitate movement thereof, knobs 42 are provided.

Heat regulating controls 40 for the burners 30 and a switch 39 for the burner 29 are disposed along the front of the shelf 31 for easy access.

The shelf is also provided with an upstanding flange 41, for limiting the forward movement of the shelf.

It will be readily apparent from the preceding description that a relatively simple, inexpensive, practical, combination range is provided, of pleasing appearance, and of maximum value due to its minimum cost.

It will be obvious to those skilled in the art

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that various changes may be made in the invention without departing from the spirit and scope thereof and therefore the invention is not limited by that which is shown in the drawings and described in the specification but only as indicated in the appended claim.

What is claimed is:

A frameless cooking range comprising wall panels united to form a cabinet having upper and lower compartments with openings therebetween forming passages for the circulation of air, and the front of each of the upper and lower compartments provided with access openings, a door for each of said access openings, the door for the upper opening including insulation therein, a liner within said upper compartment, insulation disposed between said liner and the outer walls of said upper compartment, a pair of slide members secured between said compartments, each of said slide members having inwardly extending ribs and inwardly opening grooves extending throughout the length thereof, a sheet metal shelf having integral side walls provided with grooves, said grooves being complementary to the inward-

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ly extending ribs on said slide members, the portions of the side wall of said sheet metal shelf adjacent said grooves forming ribs complementary to said inwardly opening grooves on said slide members whereby said sheet metal shelf is slidably mounted between said upper and lower compartments, and heating units disposed in said sheet metal shelf whereby said shelf and heating units may be disposed between said upper and lower compartments for supplying heat thereto or forwardly thereof to provide a heating plate or open-top stove.

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