Aug. 11, 1936. W. E. HUENEFELD 2,050,532

RANGE COVER

Filed June 6, 1934

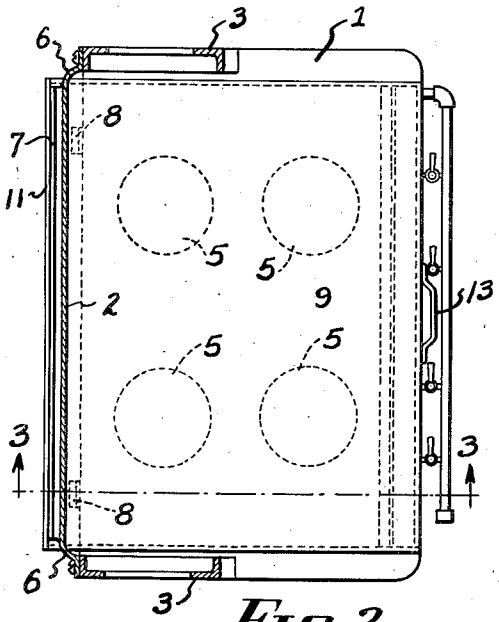


FIG. 2.

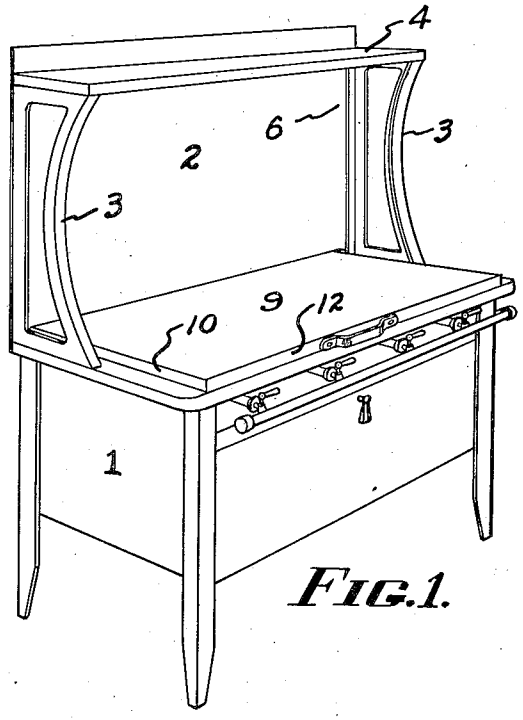


FIG. 1.

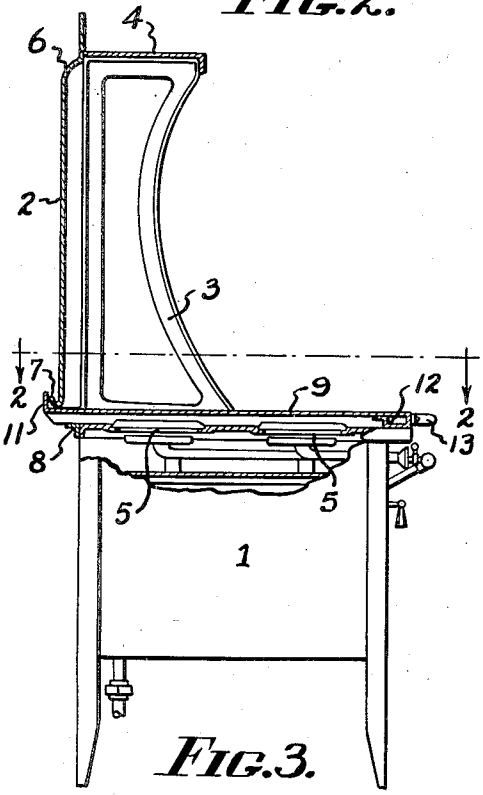


FIG. 3.

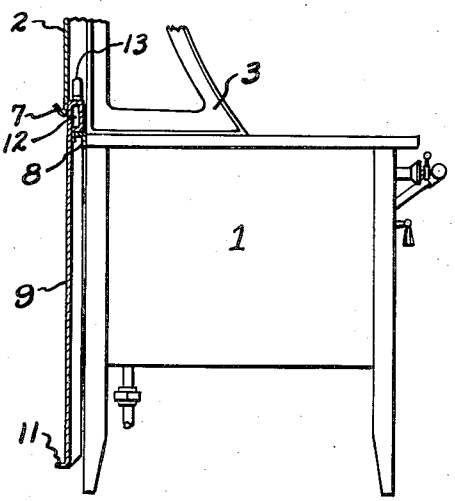


FIG. 4.

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2,050,532

RANGE COVER

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3 Claims. (Cl. 126—37)

My invention relates to removable covers for gas, coal or electric ranges. Heretofore covers for ranges have been made which are hinged to the rear of the range, and which are raised to a vertical position when the range is in use. The appearance of this type of cover has left much to be desired, and for this, as well as other reasons, this cover has not met with a great deal of favor. Another type of cover which has been manufactured, consists of a separate cover unit, not attached to the range in any way, which is simply placed over the range when the latter is not in use. This type of cover has been unsatisfactory because of the fact that when the cover was removed, there was no convenient place to put it, except to stand it up against a wall, where it would take up space and get in the way.

It is an object of my invention, therefore, to provide a cover for a range, which is not fastened to the range at all, but which is kept in place in the raised or lowered position by stop lugs, and which cannot be completely removed from said range except by removing said lugs.

It is another object of my invention to provide a cover for a range, which, when the range is not in use, will neatly fit in place over the range, completely covering it and presenting a finished and compact appearance.

Further, it is an object of my invention to provide a range cover which may be placed out of the way and out of sight when the range is in use, dropping down behind said range, where it remains in position readily accessible to be drawn up and positioned over the range.

Generally, it is my object to provide a range cover having the desirable qualities pointed out hereinabove, which will be simple in construction and operation, and which may be manufactured at a low cost.

These and other objects of my invention which will be set forth hereinafter or will be apparent to one skilled in the art upon reading the specifications, I accomplish by that certain construction and arrangement of parts of which I shall now describe a preferred embodiment. Reference is now made to the drawing which forms a part hereof and in which—

Figure 1 is a perspective view of a range with my novel cover in its raised position.

Figure 2 is a sectional view taken on the line 2—2 of Figure 3, showing my cover in plan.

Figure 3 is an elevation, with parts in section on the line 3—3 of Figure 2, showing the cover in its raised position.

Figure 4 is an elevation, with parts in section on the line 3—3 of Figure 2, showing the cover in its lowered position.

Briefly in the practice of my invention, I provide a conventional gas, coal or electric range indicated generally at 1, having a back piece or mantle 2 with braces 3 and a shelf 4. This range may have any number of grids 5, as these are not limitations on my invention. The mantle 2 is indented, or offset, as shown at 6, in order to provide a space in which the cover may slide, as will be pointed out hereinafter. The bottom of the mantle is bent back upon itself to form a ledge 7, and two or more stop lugs 8, which may be made from short sections of angle iron are bolted to the back of the range for purposes to be described.

My novel cover, indicated generally at 9, is formed of sheet stock. The side edges are turned down as shown at 10, and the rear edge is turned up as shown at 11. The front edge is turned down, and back upon itself as is best illustrated at 12 in Figure 3. The side edges 10 and front edge 12, are, of course, turned down an equal amount, so that the cover edges will contact perfectly with a flat surface, such as a range top. By this turned down construction, I provide clearance for any kind of spider or grid which may be used over the burners. A handle 13 is riveted or bolted to the front edge 12 of the cover 9, for convenience in handling. In a range having a mantle, as illustrated, I insert my cover in the space between the bottom edge of the mantle and the back of the range, and then simply fasten the lugs 8 in position.

The operation of my novel cover is as follows: When it is desired to use the range, the cover 9 is raised by means of the handle 13, and is pushed backward through the space left between the back of the range and the mantle 2, and lowered until the part 12 rests upon the lugs 8 as shown in Figure 4. This figure clearly illustrates how conveniently my cover is held in its lowered position. When it is desired to replace the cover, it is a simple matter to grasp the handle 13 and pull upward and forward until the turned up rear edge 11 abuts against the ledge 7, when the cover will again occupy the position shown in Figure 1.

If, for any reason, it should be desirable to remove the cover completely, all that is necessary is to unfasten the lugs 8, and the cover may be withdrawn from the rear.

It is also within the scope of my invention to apply my novel cover to a range without a mantle, in which case it is only necessary to provide a

bar to take the place and perform the function of the edge 7 of the mantle.

It is to be understood that different forms of my preferred embodiment may be made without departing from the spirit of my invention, the essentials of which are set forth in the claims that follow.

Having now described my invention, what I claim as new and desire to secure by Letters Patent, is:

1. In a cooking range having a cooking top and an upright mantle, the lower edge of which is spaced upwardly and rearwardly from the cooking top of the range, a cover extending through said space and having front and side edges turned down and a rear edge turned up, said lower edge of said mantle abutting the turned up edge of the cover to limit the forward and upward movement of the cover and the side edges supporting said cover upon the cooking top, when in its closed position, and stops rigidly fastened to the rear edge of the range to abut the turned down front edge of said cover to limit its downward movement, when said cover is in its open position, said rearward spacing of said mantle being not substantially greater than the thickness of said cover.

2. In a combination of a range and a cover, said cover having down-turned front and side edges and an upturned rear edge, and adapted to be moved from a horizontal position on the top of the range to a vertical position behind and below said range, means for supporting said cover in said last named position, and a member spaced rearwardly from the rear edge of the range a distance not substantially greater than the thickness of the cover, and upwardly from said rear edge a distance not substantially greater than the thickness of the cover plus the depth of the turned-down edges, whereby said cover is confined to said range.

3. In a cooking range, the combination with the cooking top thereof, of a cover therefor having its front and side edges of a height to permit the cover to clear the grids in the cooking openings when supported on said edges, and having an upturned rear edge, means at the rear of the cooking top arranged to catch the rear of the cover from above to impede its removal forwardly of the range and means at the rear of the cooking top to engage the front edge of the cover from below to retain the cover suspended at the rear of the range, said first mentioned means adapted to prevent said cover from slipping off said last mentioned means.

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