June 14, 1949. E. A. STEVENS 2,473,478

UTENSIL SUPPORT FOR GAS RANGES

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Fig. 1.

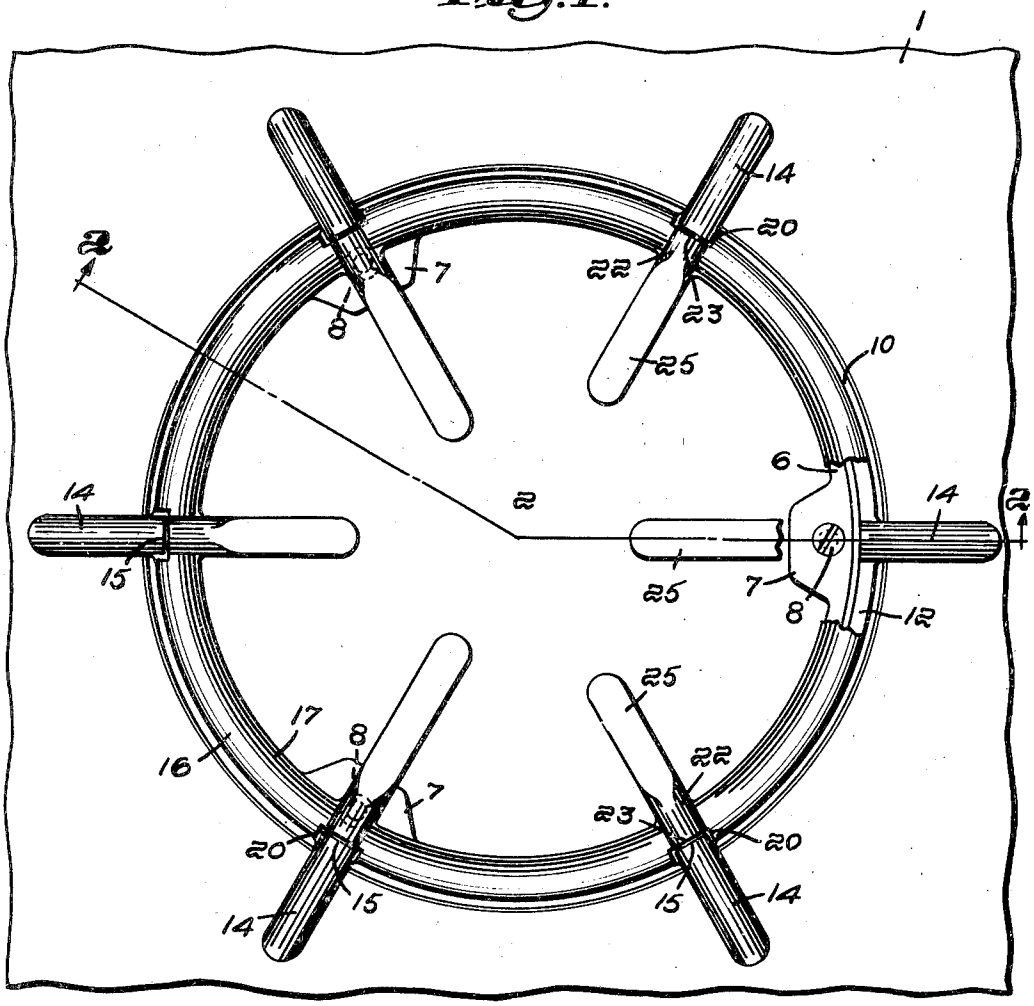
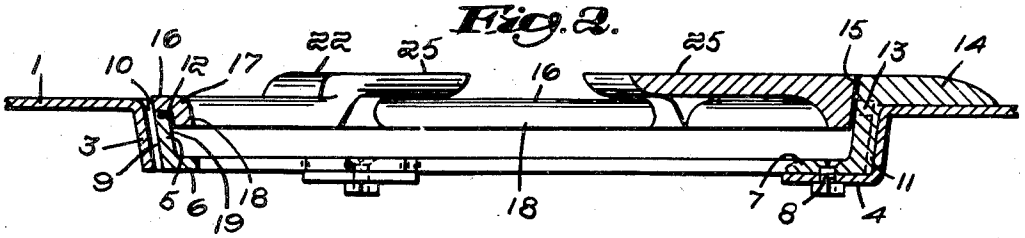


Fig. 2.



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UTENSIL SUPPORT FOR GAS RANGES

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2 Claims. (Cl. 126—214)

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The present invention relates to a grid utensil support for an opening in the cooking top of a gas range.

The essential object of the invention is to provide a stable support, one that cannot turn or tip, though one removable in character.

A further object of the invention is to provide a utensil support with certain attributes, or parts, which maintain a permanently fixed position with relation to the cooking top and which in themselves will provide a utensil support around the opening in the cooking top when the grid is removed.

The invention can best be seen and understood with relation to the drawings in which—

Fig. 1 is a plan of the support applied to the cooking top, a portion of which is shown; and

Fig. 2 is a section on the line 2—2 of Fig. 1.

In the drawings 1 represents the cooking top and 2 the opening in it. The top is provided, encircling the opening in it, with a downturned web or flange 3 from which, at rather widely spaced intervals from each other, are laterally and inwardly extending lugs 4. The downturned web or flange 3 has preferably a slight inward inclination as the flange extends downwardly.

Supported from off the lugs 4 is an annular support 5 having an inturned bottom flange 6 by which the support is reinforced and strengthened. Extending horizontally laterally and inwardly from the flange 6 of the support are ears 7 which rest upon the lugs 4 and are secured thereto by a threaded screw and nut connection 8. The support 5 has a slight inward inclination as the support extends downwardly so that the peripheral surface 9 of the support will lie substantially parallel with the flange 3 downturned from the edge of the cooking top but spaced therefrom all around so as to leave an opening 10 through which air may pass for cooling that portion of the cooking top which lies adjacent to the opening. The proper spacing of the annular support 5 with relation to the flange 3 is obtained and maintained by means of widely spaced ribs 11 on the peripheral surface 9 of the annular support.

The top edge 12 of the annular support 5 preferably lies below the top surface of the cooking top. Extending upwardly from the top surface of the annular support 5 at points preferably coincident with the ribs 11 thereon are butts 13 from which extend fingers 14. These fingers extend laterally in a horizontal direction over the adjacent surface of the range top and preferably with bearing against the same. 15 represent the inner ends of these fingers. The bottoms of the

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fingers are flattened to provide a wide bearing against the surface of the top.

Resting upon and overlaying the top edge 12 of the annular support 5 is a ring 16. In diameter this ring is substantially equal to the diameter of the annular support upon which it is resting so that the outer edge of the ring will lie substantially flush with the outside peripheral surface of the support. The cross sectional width of the ring, however, is greater than the cross sectional width of the edge against which it is resting so that the ring will extend inwardly all around with relation to this edge by a portion 17. Depending from the portion of the ring thus extending is a flange 18 bearing against the inner surface 19 of the support and by which engagement the ring is maintained against lateral displacement with relation to the support.

That portion of the ring resting upon and overlaying the top edge of the support 5 is provided with cutout openings 20 coincident with the butts 13 on the support which form the butt ends of the fingers 14 extending from the support. The cutout openings 20 enable the ring to fit around or embrace the butts 13 of the fingers and maintain the ring against the turning.

Rising from the ring and extending inwardly therefrom are fingers 22, the inner ends 23 of which lie in substantial abutment with the inner ends 15 of the respective fingers 14. The inward extension of the fingers 22 is substantially in line with the extension of the fingers 14 so that each set of fingers, 14 and 22, when the grid is applied, appear as one long finger. The top surfaces 25 of the fingers 22 are flattened and provide the immediate support against which the utensil may rest, all the top surfaces 25 of the fingers lying in the same horizontal plane.

When the grid is removed the fingers 14 remain to provide a support for any utensil resting upon them.

I claim:

1. In a cooking range having a top with an opening in it, a support having a top edge and spaced butts rising above said edge, means for fixedly securing said support within said opening, fingers borne by said butts extending over the adjacent surface of said top, a ring resting upon and overlaying said top edge of the support, said ring being provided with cutout openings in it by which the ring may embrace said butts, and inwardly projecting fingers borne by said ring in end abutting relation to said butts and aligned with the fingers borne by said butts.

2. In a cooking range having a top with an opening in it, a support having a top edge with

spaced butts rising above said edge, means for fixedly securing said support within said opening, fingers borne by said butts extending over the adjacent surface of said top, a flanged ring resting upon and overlaying said top edge of the support and with lateral bearing against the support, said ring being provided with cutout openings in it by which the ring may embrace said butts, and inwardly projecting fingers borne by said ring in end abutting relation to said butts and aligned with the fingers borne by said butts.

EARLE A. STEVENS.

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