Dec. 29, 1936. R. M. SARGENT 2,065,875

UTENSIL SUPPORT

Filed Nov. 22, 1935 2 Sheets-Sheet 1

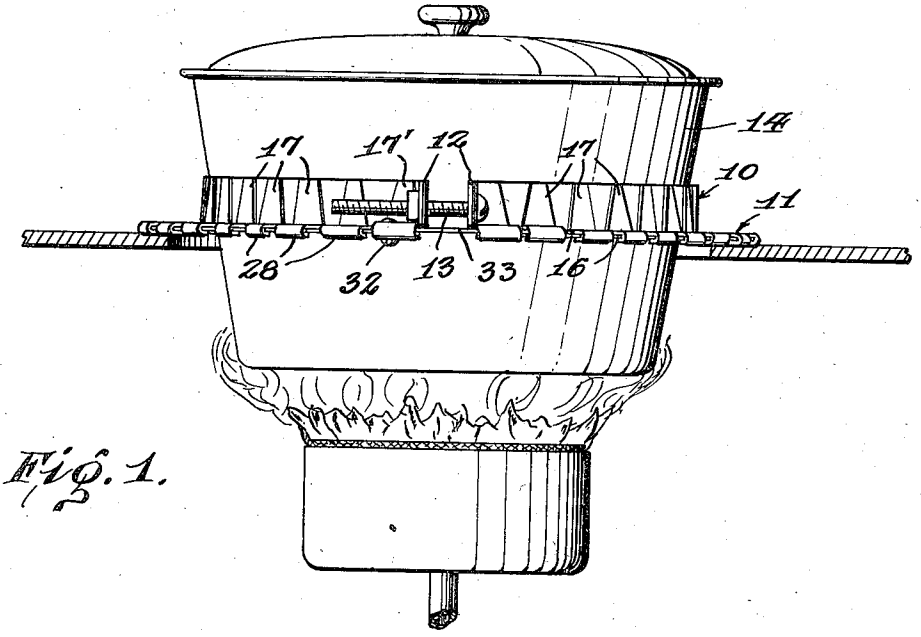


Fig. 1.

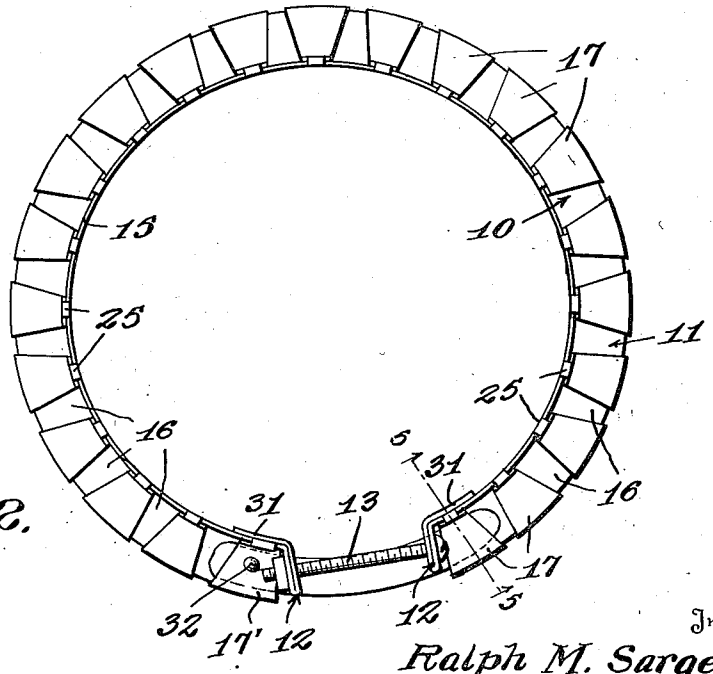


Fig. 2.

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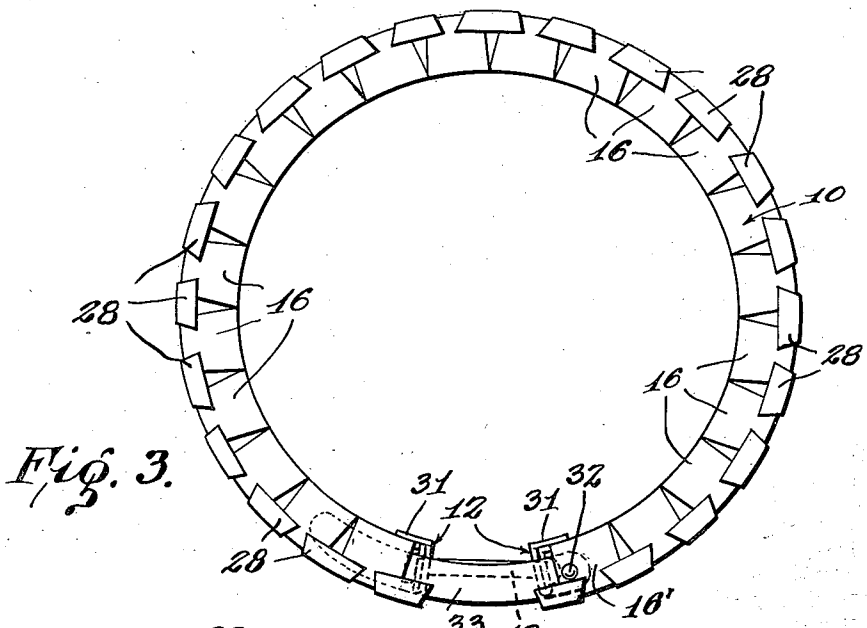


Fig. 3.

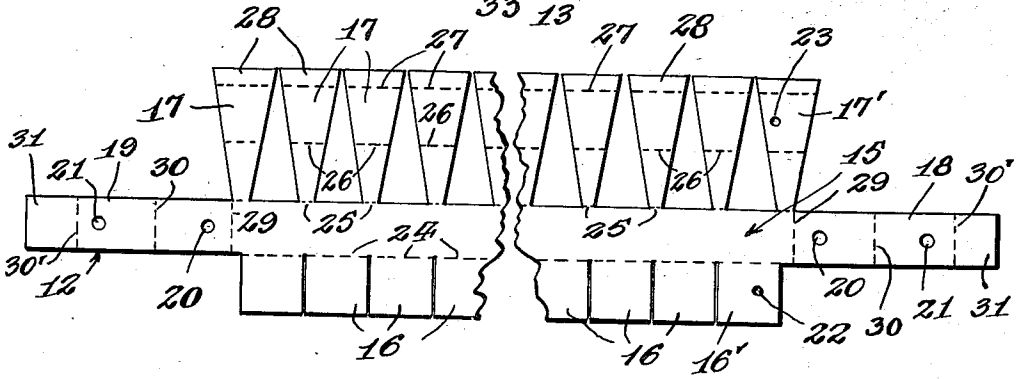


Fig. 4.

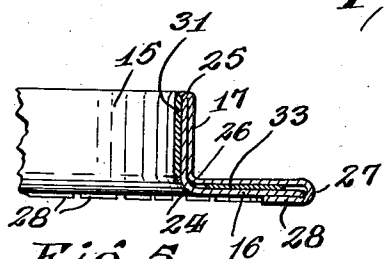


Fig. 5.

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UNITED STATES PATENT OFFICE

2,065,875

UTENSIL SUPPORT

Ralph M. Sargent, Franklin Park, Mass.

Application November 22, 1935, Serial No. 51,151

4 Claims. (Cl. 248—1)

My invention relates to cooking utensil supports and more particularly to a novel means for supporting a utensil within an opening in a stove top, and it consists in the constructions, arrangements and combinations herein described and claimed.

It is an object of the invention to provide an attachment which may be readily attached or detached from a utensil and one which will securely support a utensil in close proximity to the fire within a stove.

It is a further object of the invention to provide an attachment of an expansible character which will adjust itself to vessels of various diameters and contours.

It is a still further object of the invention to provide an attachment which may be produced from a single blank of sheet metal, thereby permitting the production of the device at an extremely low cost.

Additional objects, advantages and features of invention will be apparent from the following description, considered in conjunction with the accompanying drawings, wherein

Figure 1 is a side elevation of my device as applied to a utensil and illustrating its use.

Figure 2 is a top plan view of the support showing the expanded position prior to application to a utensil.

Figure 3 is a bottom plan view.

Figure 4 is a fragmentary plan view of the blank.

Figure 5 is a cross section on the line 5—5 of Figure 2.

There is illustrated an annular band 10, including a laterally extended flange 11. The band 10 also includes a pair of right angularly extended ears 12 suitably apertured to receive a clamping screw 13 therethrough. The screw 13 functions to clamp the band 10 to the utensil indicated at 14, and the flange 11 projects beyond the band at right angles thereto and serves as a supporting means by its engagement with a stove top when the utensil is disposed within a stove opening.

Obviously, when a utensil is thus supported within a stove opening the utensil will be brought into close proximity with a fire within the stove, which may be either a wood or coal fire, or oil burner, the latter being shown in the present instance.

The band, flange and ears are formed from a single blank of sheet material, as will now be described, attention being invited particularly to Figure 4 of the drawings, wherein the blank is shown. The blank comprises a main body portion 15, from one longitudinal edge of which there are formed a plurality of closely spaced tongues 16 and a single tongue 16', all of suitable width. The opposite longitudinal edge of the blank has a plurality of substantially pyramidal-shaped tongues 17 and a tongue 17' the apex of each of which form the juncture with the body of the blank. The blank body 15 further includes end portions 18 and 19 which are each provided with a pair of apertures 20—21, and the tongues 16' and 17' are apertured as at 22—23.

In forming a support from the blank thus provided the tongues 16—16' are bent on the line 24 so as to extend at right angles to the body 15, and the tongues 17—17' are bent on the lines 25 so that the tongues 17—17' lie substantially parallel to the body 15, whence the tongues 17—17' are again bent, on the lines 26 so that a portion of the tongues lies slightly spaced above and parallel to the tongues 16—16'. The tongues 17—17' are finally bent on the lines 27 and the portions 28 overlap the tongues 16—16' as may be readily seen in Figure 3. It should be noted that in the finally formed relation of the tongues 16—16' and 17—17' the latter tongues overlap the line of separation between the tongues 16—16' a substantial distance so that in the adjustment of the device to utensils of small circumferences, the tongues will still maintain such overlapping relation.

The end portions 18—19 are each bent at right angles on the line 29 so as to overlie the flange 11 defined by the ears 16—16' and 17—17' and are thence bent on the line 30 backwardly upon itself and the end portions 31 then bent on the line 30' to lie flush with and parallel to the main body 15, as clearly shown in Figures 2 and 3. With the end portions 18—19 bent as described, the apertures 20—21 will be aligned to receive the clamp screw 13, and the apertures 22—23 of the tongues 16' and 17' will be also aligned to receive a pintle 32.

As has been previously stated, the tongues 17—17' lie slightly spaced above the ears 16—16' and in the space thus provided, there is a guide strip 33, this strip being suitably apertured at one end and aligned with the apertures 22—23 so as to be engaged by the pintle 32. The strip 33 is arcuate shaped to conform to the body portion 15 when finally shaped, and the free end of the guide strip will be slidable between the tongues 16—16' and 17—17' at the opposite end of the support.

The support 10 will be formed from sheet metal of proper gauge, and when the tongues have been bent, as above described, they will retain their shape without securing means of any kind, and liability of displacement of the tongues in the various adjustment of the device is therefore not possible.

In use, the support 10 is placed upon the receptacle 14 to the height desired and the clamp screw 13 tightened. Upon tightening of the screw, the ears 12 will be drawn toward each with consequent contraction of the body portion 15 upon utensil, until the desired grip thereon is obtained. The utensil with its support may now be placed in an opening of a stove top, the flange 11 engaging the surfaces defining such opening. The utensil will thus be supported in close proximity to the fire and full advantage will be taken of heat from the fire.

During adjustment of the support to the utensil, the tongues 16—16' will partake of a circumferential motion, the outer free ends separating from each other, but each adjacent tongue 16 will be overlapped by the inturned portions 28 of the tongues 17.

From the foregoing, it will be readily seen that I have provided a support which will have great elasticity permitting adjustment to various sized utensils, yet affording a very stable footing when engaged within a stove opening, and while I have shown and described a preferred construction I am aware that changes may be made and I therefore consider as my own all such modifications as fairly fall within the scope of the appended claims.

I claim:—

1. In a utensil support, a band member adapted to encircle the utensil, said band having opposed apertured ears, a clamp screw engaged through the apertures, a flange on the band extended at right angles and substantially circumscribing the band, said flange having a guide strip at one end, engageable with the flange at the opposite end, and said flange being constructed to provide circumferential extension and contraction thereof upon adjustment of said clamp screw.

2. In a utensil support, a band member terminating in opposed apertured ears, a clamp screw engaged through the apertures, a plurality of tongue members on the band member bent at right angles thereto, a further plurality of tongue members on the band member bent to lie parallel with the band member and overlying the line of separation of the first named tongue members and said last named tongues being further bent to underlie the first named tongue members.

3. In a utensil support, a band member terminating in opposed apertured ears, a clamp screw engaged through the apertures, a plurality of tongue members on the band member bent at right angles thereto, a further plurality of tongue members on the band member bent to lie parallel with the band member and overlying the line of separation of the first named tongue members, said last named tongues being further bent to underlie the first named tongue members, and a guide strip arranged between the tongues and spanning the space between the opposed ears.

4. An adjustable utensil support formed from a single blank of metal comprising an elongated body member having apertured ends adapted to be bent to form opposed ears for reception of a clamp screw, a plurality of tongues along one edge of the body member bent at right angles thereto, a plurality of pyramidal-shaped tongues formed upon the other edge of the body member, said last named tongues being bent to lie parallel with the body member and overlie the line of separation of the first named tongues, and said tongues being further bent to underlie the first named tongues.

RALPH M. SARGENT.