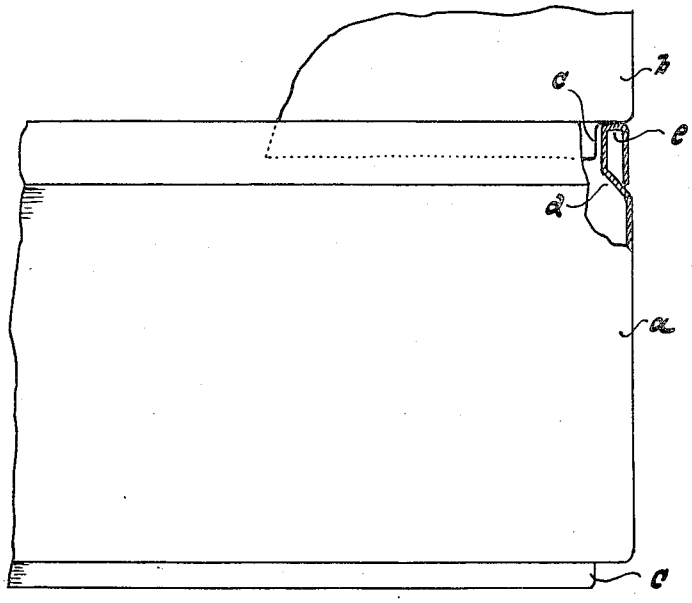
March 24, 1931. K. TAUBE ET AL 1,797,594

SAUCEPAN WITH STIFFENED RIM

Filed March 19, 1930



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Patented Mar. 24, 1931 1,797,594

UNITED STATES PATENT OFFICE

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SAUCEPAN WITH STIFFENED RIM

Application filed March 19, 1930, Serial No. 437,252, and in Germany March 4, 1929.

Saucepans of sheet metal have on the top edge or rim a stiffening, which is generally obtained by rolling in. Edged rim stiffenings are also known, which are obtained in that the edge of the vertically extending wall is merely bent in outward direction.

This invention relates also to a saucepan having an edged rim stiffening, the wall of the saucepan being however, contrary to the stiffening of known type, bent inwards just underneath the stiffening so that this stiffening projects in inward direction.

The invention is to be applied to saucepans in general but specially for cooking pots designed to be piled up set wise.

The effect of the stiffening is increased by the inwardly directed incurvation of the wall, similar as by a set off portion. Such saucepans are of specially good appearance if the rim is drawn so that it bears against the shoulder. A perfectly smooth outer surface is thus obtained which is of special advantage when the saucepan has to form part of a set. If the set off portion is utilized so that on the rim stiffening the next higher saucepan is resting by means of a set off portion and if the outer wall of the rim stiffening has such a diameter that the whole set shows a smooth continuous outer wall, the great advantage is realized that water of condensation settling on the outer surface of the wall of a saucepan runs smoothly along the outer surface of all the saucepans of the set and cannot flow into the next lower saucepan.

An embodiment of the invention is illustrated by way of example in the accompanying drawing in which the only figure shows one saucepan of a set and a portion of the next higher saucepan in elevation partly in section.

The saucepans *a*, *b* of a set of saucepans are similar and constructed so that they can be placed the one on the other. Each saucepan, made for instance of sheet aluminum, has a set off bottom part *c* formed by receding of the wall. This set off bottom part *c* of an upper saucepan engages with the rim of the next lower saucepan.

The stiffened rim of the saucepan is also receded, the wall being bent inward at *d* so far that the inner diameter of this receding rim portion corresponds to the outer diameter of the set off bottom portion *c*. The rim is then bent to form a vertical portion of a certain height and then bent outward at right angles to form a horizontal supporting face *e* for the upper saucepan *b* The rim is then bent downward, again at right angles, so that its edge rests upon the inwardly bent portion *d*. A set of saucepans piled the one on the other shows a perfectly smooth continuous outer surface and water from condensation runs down on this smooth outer surface and does not drop into the lower saucepan.

The stiffening described and shown can be easily obtained by the commonly used pressing and drawing methods.

We claim:—

1. A saucepan with a sharp edged rim stiffening in which the rim is first bent inwards then vertically upward then at right angles in outward direction and again at right angles in downward direction.

2. A saucepan as specified in claim 1 in which the edge of the downwardly bent portion of the rim rests upon the inwardly bent portion of the rim.

3. A saucepan as specified in claim 1, in which the horizontal portion of the rim stiffening formed by the outwardly bent portion forms a supporting face for an upper saucepan.

4. A saucepan as specified in claim 1, in which the outer wall of the double walled rim stiffening has such a diameter that the outer surface of a set of piled up saucepans is continuous and smooth.

In testimony whereof we affix our signatures.

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