

114,296

PATENT



SPECIFICATION

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Complete Accepted, Mar. 25, 1920.

COMPLETE SPECIFICATION.

**Improvements in Means for Pressing or Squeezing Fruit
and the like.**

We, NÜRNBERGER METALL-U. LACKIERWAARENFABRIK vorm. GEBRÜDER BING ACTIENGESSELLSCHAFT, of No. 16, Blumenstrasse, Nurnberg, Germany, Manufacturers, do hereby declare the nature of this invention and in what manner the same is to be performed, to be particularly described and ascer-
5 tained in and by the following statement:—

This invention relates to means for pressing or squeezing fruit and the like wherein a container has a co-operating plunger operated by a pivoted hand lever.

A lemon squeezer of the above kind has been proposed having a hemispherical
10 porcelain container with radially arranged outlet openings for the pressed out material, a convex presser, a knife positioned in the container, and a rind remover pivoted on the same axis as the operating lever. It is also known in hand manipulated fruit presses with metal containers to provide horizontally
15 placed perforations in the sides as well as perforations in the bottom of the container both for the pressed out material to pass out at.

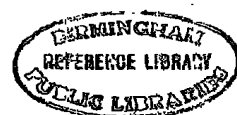
This horizontal arrangement of the side perforations is sufficient for thin-walled metal vessels, but would be insufficient when the thickness of the wall exceeds a determined amount as in the case of fruit containers made of ceramic
20 ware, in which latter case the pressed out material would encounter in the horizontal passage perforations such a great resistance as to interfere with the pressing operation. Further, a metal fruit container is liable to corrosion.

The present invention has for its object to remove those drawbacks and this is achieved by making the fruit container cylindrical with a co-operating
25 press plunger both of ceramic or the like material whilst the side perforations instead of being horizontal are made with a downward inclination. The pressing plunger exerts a downward pressure upon the material in the container and distributes the pressed out material both in a vertically downward
30 and in an inclined sideways direction. The resulting pressure in both cases is therefore exerted downwardly, and as the axes of the perforations lie in the direction of the pressure resultant, then the pressed material readily escapes through the perforations.

A constructional form of the improved press is illustrated by way of example in the accompanying drawing, in which,

Fig. 1 is a vertical axial longitudinal section, and
35 Fig. 2 is a plan of the improved press.

[Price 1/-]



As shown the improved press comprises a vessel 1 containing the fruit to be pressed, made of ceramic ware and formed, for the passage of the pressed material, with axial perforations 2 in the bottom and in the sides inclined lateral perforations 3. The latter perforations are not parallel to the bottom, that is to say, instead of being horizontal as hitherto, they have a downwardly inclined direction, as shown, such that their axes lie in the direction of the resultants of the pressing force, so that the pressed material can easily escape. 5

The ceramic fruit container 1 is held by a looped handle 4 capable of adjustment to containers of varying sizes, by means of a spacing bolt 5 with nut 6. 7 is a member fixed to the handle 4; to it is fulcrumed the press lever 8. 9 is 10 the press plunger made likewise of ceramic ware. The advantages of ceramic material consists more particularly in the fact that ceramic material resists chemical influences.

The improved press need not be used only as a fruit press but may be used for other purposes. 15

Having now particularly described and ascertained the nature of our said invention and in what manner the same is to be performed, we declare that what we claim is:—

1. A means for pressing or squeezing fruit and the like wherein the vessel for containing the fruit or the like is cylindrical and has a co-operating press 20 plunger both being of ceramic or like material.

2. A fruit or like press or squeezer according to Claim 1, wherein the container has side perforations in its walls arranged in a downwardly inclined direction.

3. The improved press or squeezer constructed as hereinbefore described and 25 as illustrated in and by the accompanying drawings.

Dated this 29th day of September, 1919.

MARKS & CLERK.

[This Drawing is a reproduction of the Original on a reduced scale.]

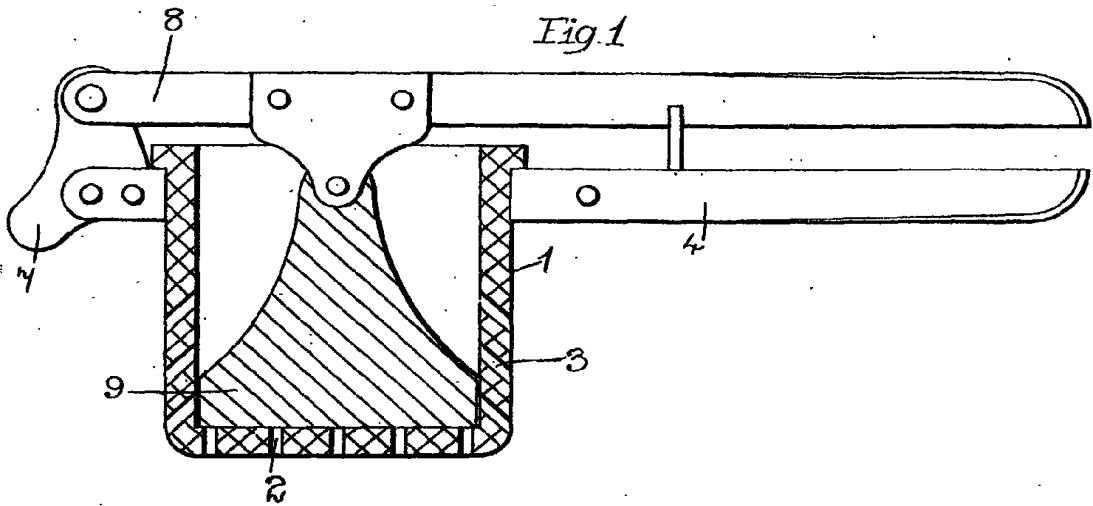


Fig. 1

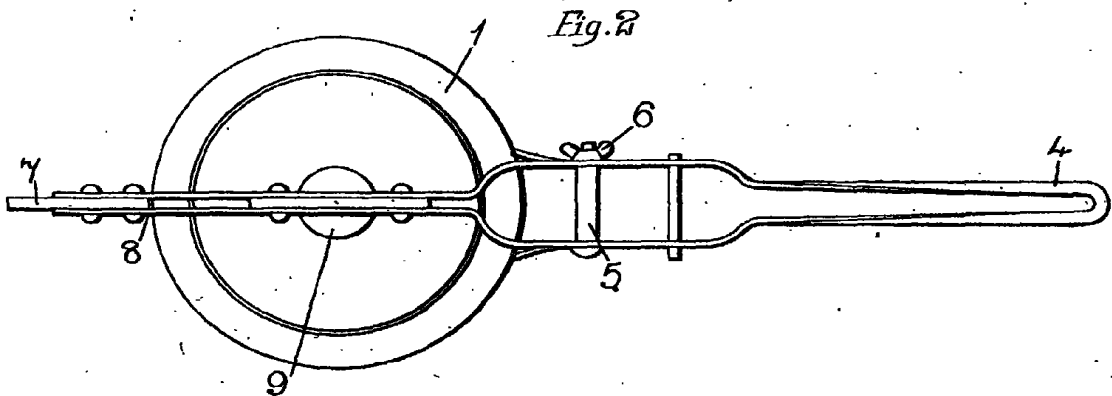


Fig. 2

