

No. 859,585.

PATENTED JULY 9, 1907.

H. SCHWANZARA.
FRUIT AND VEGETABLE PRESS.
APPLICATION FILED JULY 18, 1906.

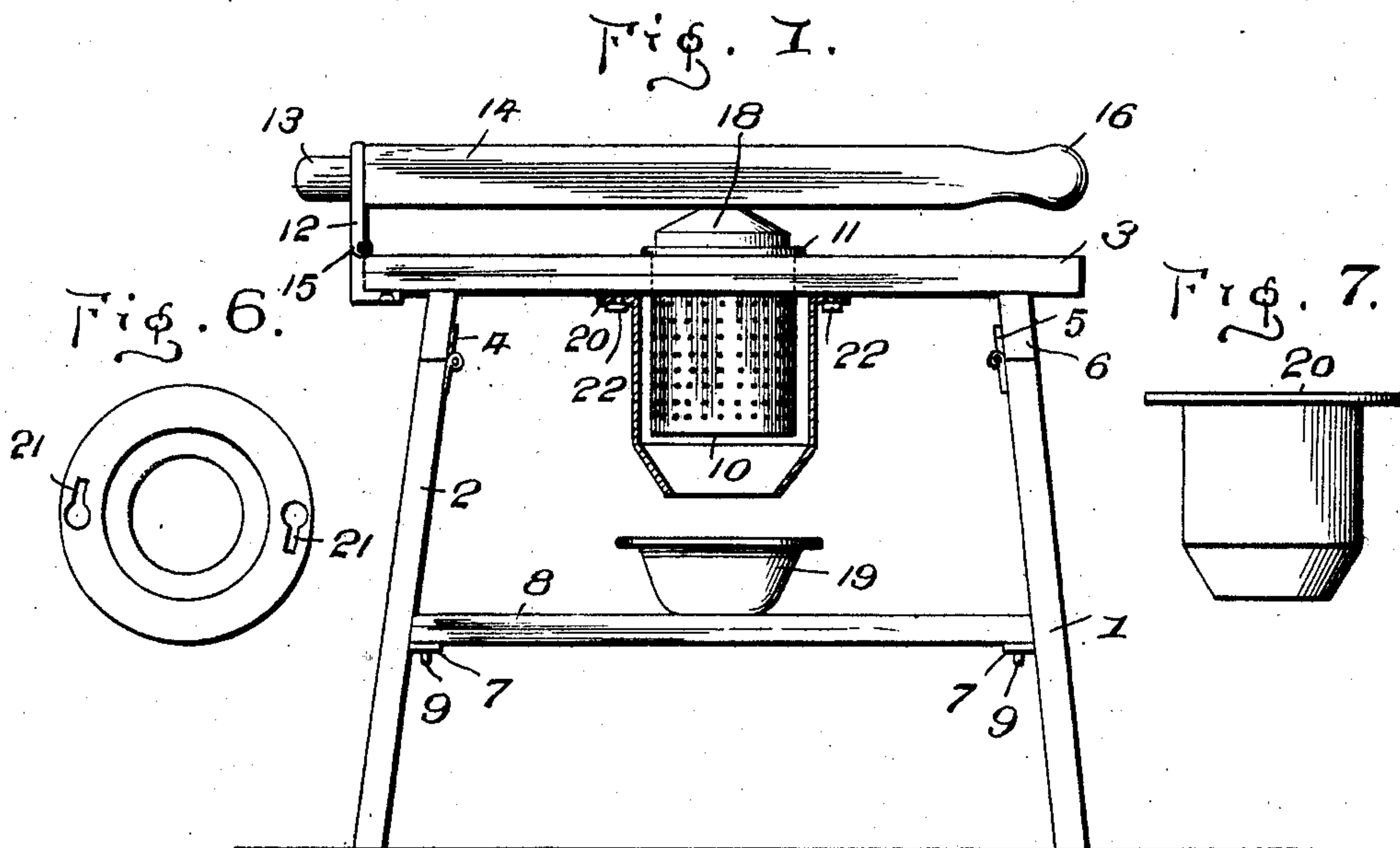


Fig. 2.

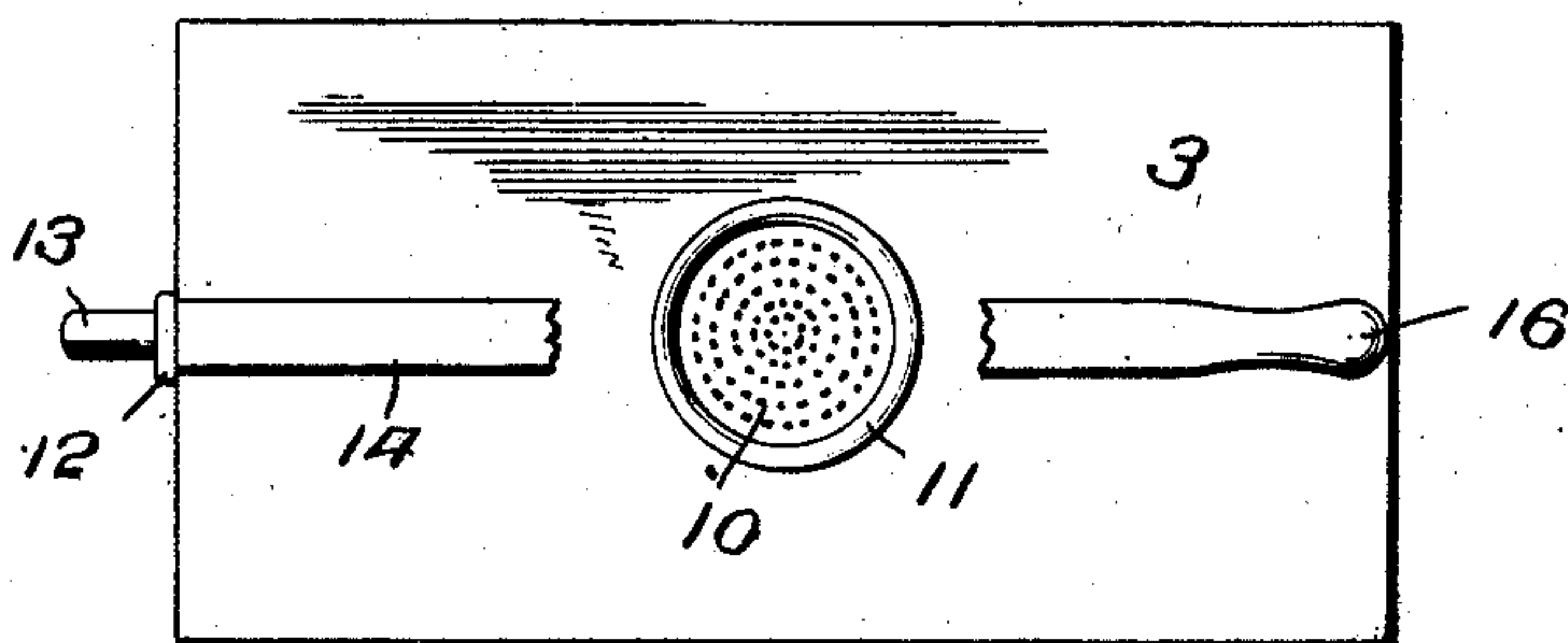


Fig. 3.

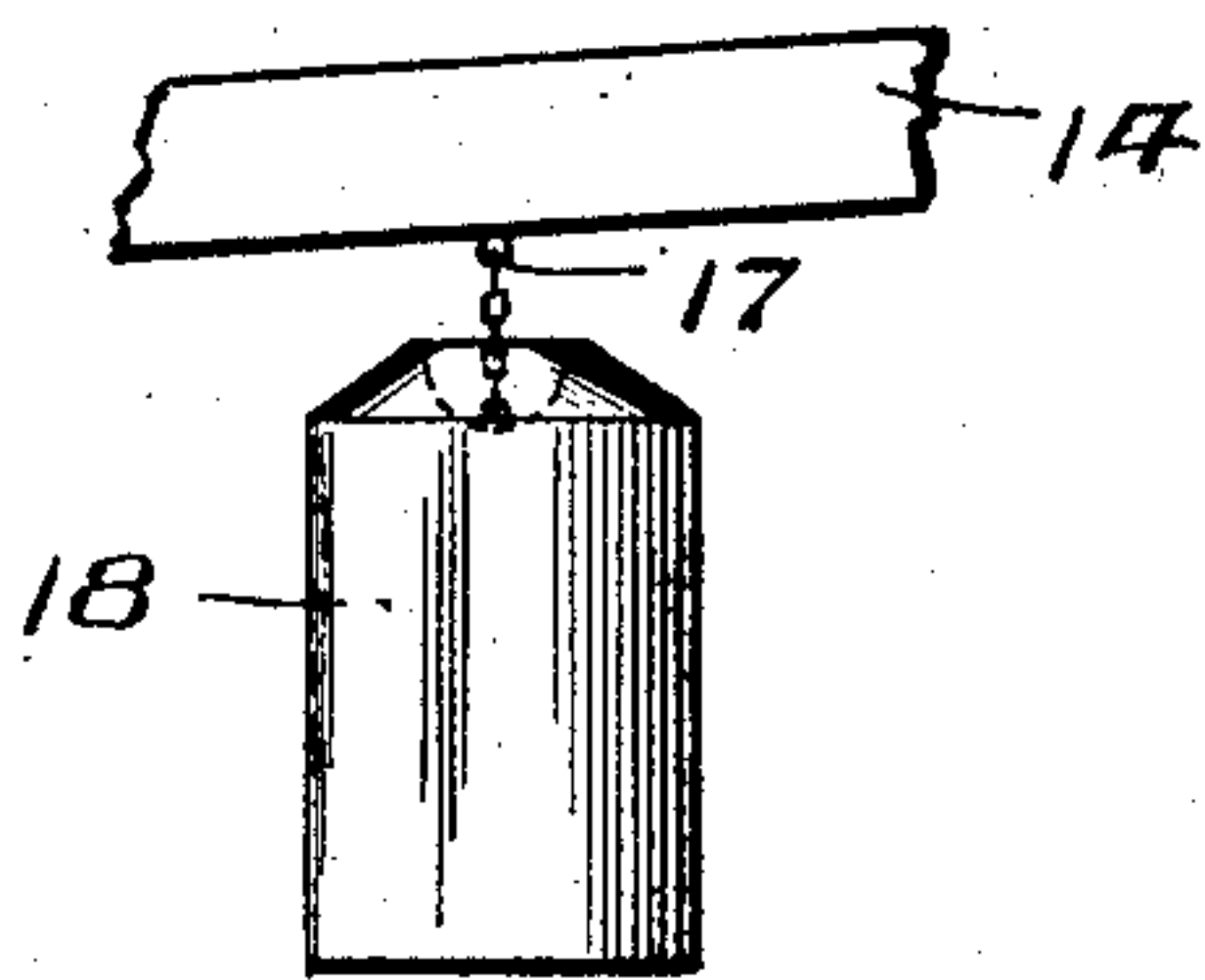


Fig. 5.

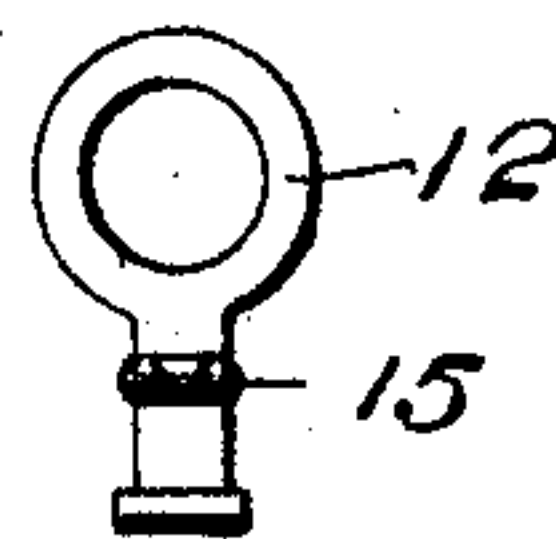
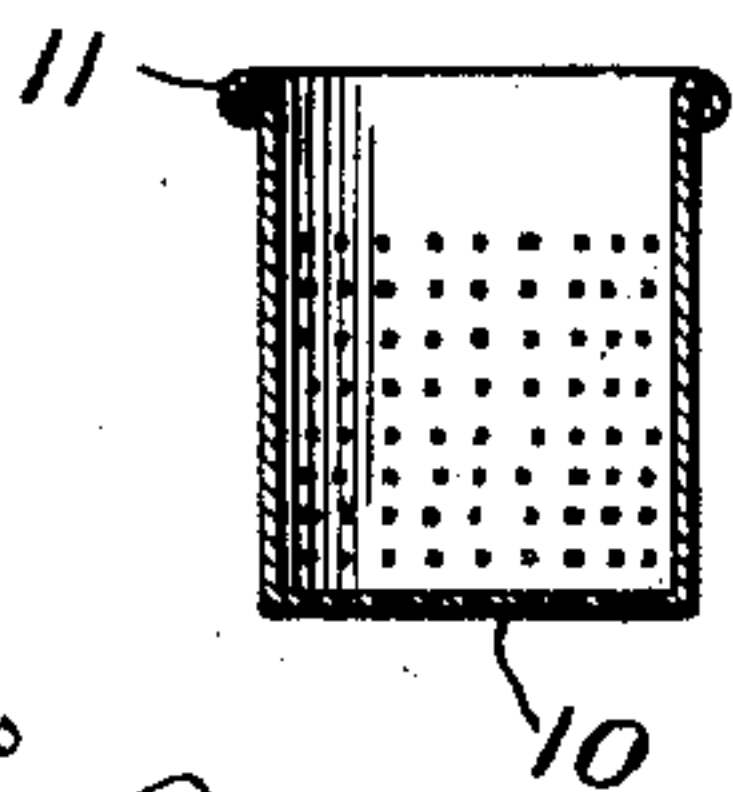


Fig. 4.



Witnesses

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UNITED STATES PATENT OFFICE.

HENRY SCHWANZARA, OF CHICAGO, ILLINOIS.

FRUIT AND VEGETABLE PRESS.

No. 859,585.

Specification of Letters Patent.

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To all whom it may concern:

Be it known that I, HENRY SCHWANZARA, a citizen of the United States, residing at Chicago, in the county of Cook and State of Illinois, have invented certain

5 new and useful Improvements in Fruit and Vegetable Presses; and I do hereby declare the following to be a full, clear, and exact description of the invention, such as will enable others skilled in the art to which it ap-
10 pertains to make and use the same.
My invention appertains to a juice-extracting press, which is primarily intended for the extraction of fruit and vegetable juices, and my object is to provide a
15 simple, cheap, though reliable efficient appliance for the accomplishment of the purpose named; and my invention consists of certain novel features of combina-
tion and construction of parts, the preferred materializa-
tion whereof will be hereinafter clearly set forth and pointed out in the claims.

Referring to the accompanying drawings, made a
20 part of this application—Figure 1 shows my invention in elevation, complete ready for use, the outer jacket or casing of the compression chamber being shown in section. Fig. 2 is a top plan view thereof with a por-
tion of the compression lever broken away. Fig. 3 is a
25 detail view of the plunger employed to coöperate with the compression chamber. Fig. 4 is a detail in section of the compression chamber within which the fruit is placed. Fig. 5 is a detail view of the folding fulcrum
30 seat for the compression lever. Fig. 6 is a top plan view of the outer casing or jacket designed to fit around the compression chamber, while, Fig. 7 is a side elevation thereof.

In carrying out my invention I provide a suitable frame which I prefer shall be so constructed that it will
35 fold up upon the parts thereof so as to occupy a minimum amount of space, said frame consisting of the upright sections 1 and 2, said uprights being hinged to the horizontally-disposed body section or table proper
3, as indicated by the hinges 4 and 5.

40 The supporting lug or upright 1 is hinged to the stub or shorter section 6, which latter is rigidly secured to the section 3 in any preferred way so that the upright 2 can fold up directly against the said section 3 and thereby permit the upright 1 to be disposed parallel
45 with and against said upright 2. I also provide supporting ledges or brackets 7 upon the inner faces of the uprights 1 and 2 designed to support the shelf or member 8, said shelf having upon its under side and at each end a lug 9 adapted to fit an aperture in the
50 bracket 7, thereby preventing the uprights 1 and 2 from casual movement.

The table section 3 has a central opening, designed to receive the colander or perforated casing 10, said

colander having at its upper edge a flange or collar 11 to prevent it from passing entirely through the opening 55 in the member 3. I also attach to one end of the table member 3 the fulcrum bracket 12 having an opening designed to receive the end 13 of the compression lever 14, said bracket 12 being provided with a hinge 15, whereby the upper end thereof may be folded down 60 against the upper surface of the table member 3 when not in use. The compression lever is also provided at its outer free end with a controlling handle 16, to facilitate the use thereof, and, pivotally connected to the central portion of the compression lever 14, as by means 65 of the link members 17, is the plunger 18, adapted to fit snugly within the colander or perforated casing 10 and insure that the contents thereof may be forced downward therein, it being understood that the bottom, as well as the sides, of the colander, is provided with a 70 plurality of perforations of proper size through which the fruit and vegetable juices can pass downward into a suitable receptacle as the bowl 19, and, in order to facilitate the downward movement of the juices I provide a jacket to fit around the colander, said jacket being 75 shown in detail in Figs. 6 and 7 and it is provided at its upper end with a flange 20 having suitable key-hole slots or the equivalent 21, said slots being designed to receive suitable lugs 22, thus enabling the jacket to be readily secured in its operative position and quickly 80 removed therefrom as desired. The lower end of the jacket is tapered inward so as to facilitate the flow of the juices into the receptacle placed beneath the same.

It will thus be seen that I have provided a very simple and comparatively inexpensive appliance for the 85 accomplishment of the purpose set forth, and, believing that the advantages and manner of using the same have been made clearly apparent, further description is deemed unnecessary.

What I claim is—

90 In a device of the class described the combination with a table having an opening centrally disposed therethrough, and supporting means hingedly secured to said table, of a perforated casing adapted to enter said opening, a flange at the upper end of said casing to limit the downward 95 movement of the casing, a plunger for said casing having a conical upper end, a jacket removably secured to the lower face of said table and surrounding said casing said jacket having a tapered lower end, a bracket fulcrumed to one end of said table, a lever secured at one end to said 100 bracket and extending over said plunger and flexible means disposed between said plunger and lever whereby a yielding connection will be provided therebetween.

In testimony whereof I have signed my name to this specification in the presence of two subscribing witnesses. 105

HENRY SCHWANZARA.

Witnesses:

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