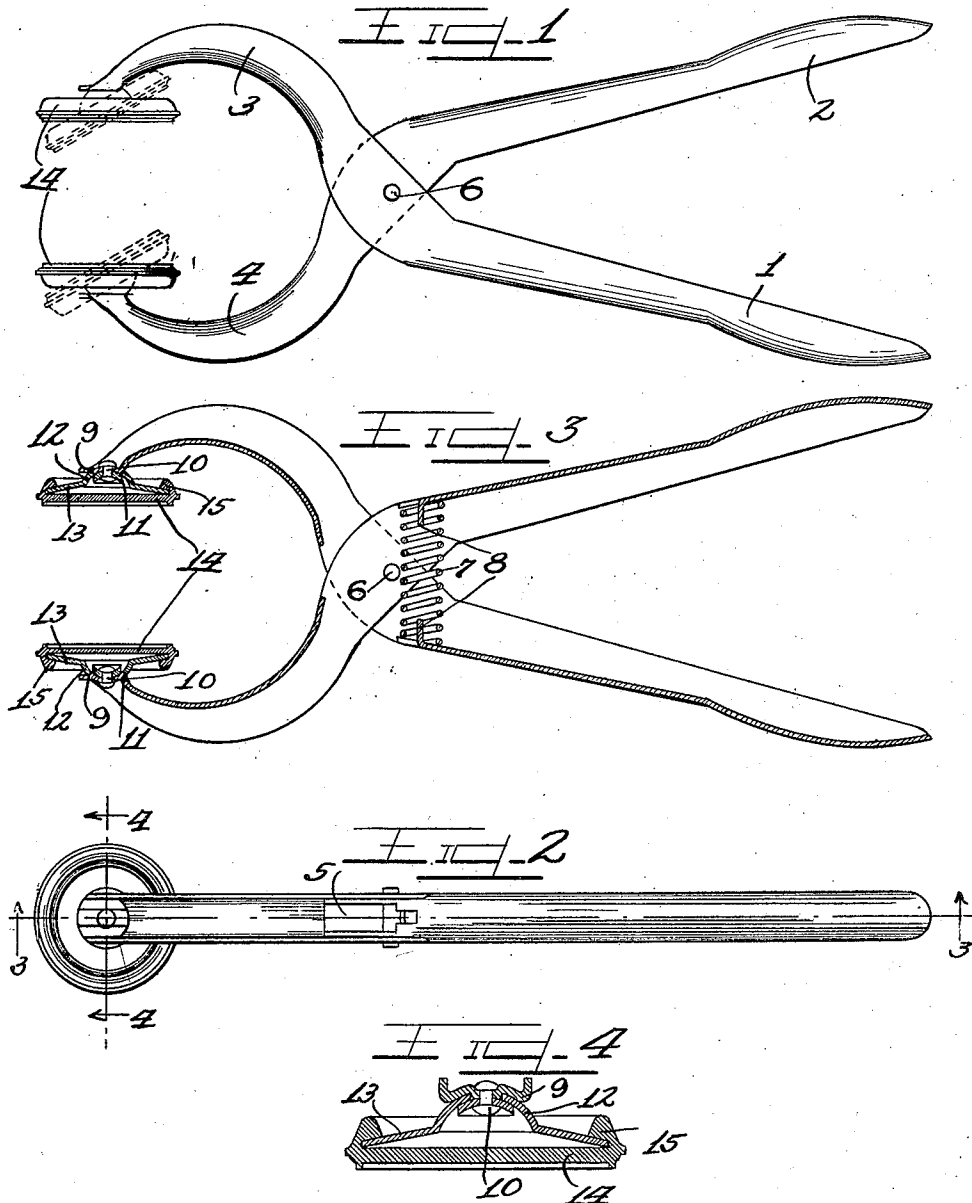


Feb. 20, 1923.

1,445,908.

F. R. PERKINS.
DISH HOLDING TONGS.
FILED OCT. 11, 1920.



WITNESSES

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DISH-HOLDING TONGS.

Application filed October 11, 1920. Serial No. 416,315.

To all whom it may concern:

Be it known that I, FLOYD R. PERKINS, a citizen of the United States, and a resident of the city of Chicago, in the county of Cook and State of Illinois, have invented certain new and useful Improvements in Dish-Holding Tongs; and I do hereby declare that the following is a full, clear, and exact description of the same, reference being had to the accompanying drawings, and to the numerals of reference marked thereon, which form a part of this specification.

My invention relates more particularly to a pair of tongs designed primarily for holding dishes while the same are dipped into hot water to be washed so that the hands of a person need not be brought into contact with the hot scalding water.

It is an object of this invention to provide a pair of tongs that are simple and economic in construction.

It is also an object of my invention to provide dish holding pads that have an adjustable or tiltable movement to adjust the same for a variety of purposes.

It is a further object of this invention to provide yieldable and pliable material for the pads and to construct the same so that the gripping portions will accommodate a large variety of dishes.

Other and further important objects of this invention will be apparent from the disclosures in the specification and drawings.

The invention (in a preferred form) is illustrated in the drawings and hereinafter more fully described.

On the drawings:

Figure 1 is a perspective view of a pair of tongs embodying this invention.

Figure 2 is a top plan view.

Figure 3 is a section on the line 3—3 of Figure 2.

Figure 4 is an enlarged sectional detail of a clamping jaw.

As shown on the drawings:

Referring now to the different figures in the drawings, in which similar reference numerals refer to similar figures in the different views, it will be noted that my improved tongs has been stamped from sheet metal, and that the jaw members are formed to sustain the pads in tiltable or adjustable relation. But it is contemplated that any

suitable material may be used, and that the tongs may be cast or formed in any suitable way. In the present embodiment of my invention, each tong member 1 or 2 is preferably stamped from sheet metal in the form of a channel or U shape, the front portions of which provide the handle members and the rear portions 3 and 4 provide the jaw members, the tong members 1 and 2 being bent into appropriate form, and one member being provided with an aperture through which the other member extends and in which it is pivoted by means of a pin 6. A spring 7 is placed at a convenient point between the handle members and is preferably confined by means of tongues 8 stamped from the handle members.

The ends of the jaws 3 and 4 are provided with dished seats 9 centrally of which project the pins or rivets 10, which fit in slots 11 in the round heads 12 on the bases 13 of the pads and secure the pads to the jaws by means of proper heads on the pin or rivet. Each pad 14 is preferably made of rubber or some pliable substance, and may be of any shape or design. In the present instance, these pads are in the form of circular buttons and are provided with overlapping flanges 15, which fit over the portions of the bases 13, as clearly shown in Figures 3 and 4. Each flange 15 is sufficiently pliable so that it can be rolled outwardly to admit the base 13, whereby each pad may be easily slipped over the edges of its base 13 and easily removed and a new one substituted therefor.

By constructing the bases 13 with the rounded heads 12, which are of a shape to fit in the concave depressions or dished seats 9 and providing the slots in the heads for receiving the rivets, the pads 14 may be readily tilted as shown in Figure 1 so that the dish may be held at any suitable angle, and the inclination of the pads may be adjusted to fit different kinds of dishes. The rivets 10 should not hold the parts too tightly together, but should allow an easy slidable movement of the pads in their tilting movements. It should be particularly noted that the jaw members 3 and 4 are well arched outwardly so that glasses and the like may be securely clamped therein and that bowls and deep dishes can be securely

held without breaking the same, and at the same time permitting easy access for the purpose of washing the same.

The operation is as follows:

- 5 In using my device, the tongs are gripped by the handles and a dish is clamped between the pads on the jaws by pressing the handles together against the tension of the spring 7. The dish may then be securely
10 held while the same is being washed, the arched jaws permitting portions of the dish to enter well within the jaws without being brought into contact therewith so as to break the edges of the dish, and the pliable
15 pads protecting them from the clamping action of the tongs, and these pads may be adjusted so that a dish can be readily picked up, and so that the portions within the jaw members 3 and 4 do not come into contact
20 with the clamping action, since by properly tilting these pads the space on one side or the other thereof within the jaw members may be increased.

- 25 It will accordingly be observed that I have provided a novel dish tongs having pliable and yielding pads that are tiltable or adjustable for a variety of purposes, and that have arched jaws in combination therewith to provide workable space and suffi-

cient clearance for the dishes, and that is 30 cheap, economical and readily manufactured.

I am aware that numerous details of construction may be varied through a wide range without departing from the prin- 35 ciples of this invention, and I therefore do not purpose limiting the patent granted otherwise than necessitated by the prior art.

I claim as my invention:

1. In a tongs, a pair of jaws, grippers, piv- 40 oted, one to each jaw, each gripper comprising a dished base and a yielding covering, the concave sides of the bases being toward each other and the coverings being on the concave sides of the bases. 45

2. In a tongs, a jaw, a base pivoted to said jaw, a covering for one face of said base, said covering having a flange projecting past the edge of the base and contacting the other face thereof, whereby said covering 50 is retained on said base.

In testimony whereof I have hereunto subscribed my name in the presence of two subscribing witnesses.

FLOYD R. PERKINS.

Witnesses:

CHARLES W. HILLS, Jr.,
EARL M. HARDINE.