Jan. 16, 1951 H. C. WEGNER 2,538,435

FISH SCALER

Filed July 10, 1947

Fig. 1

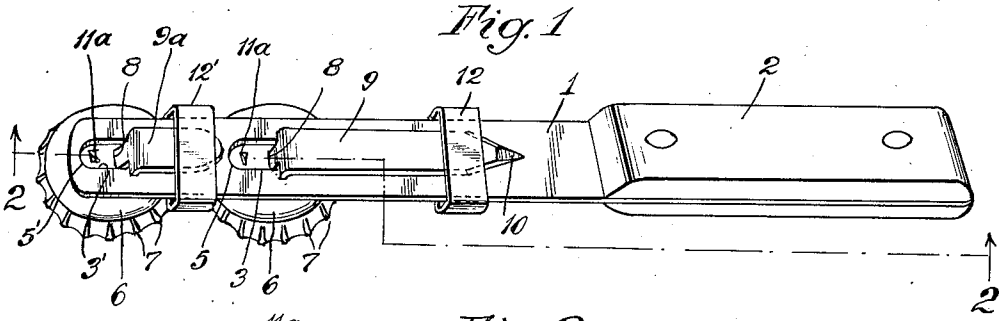


Fig. 2

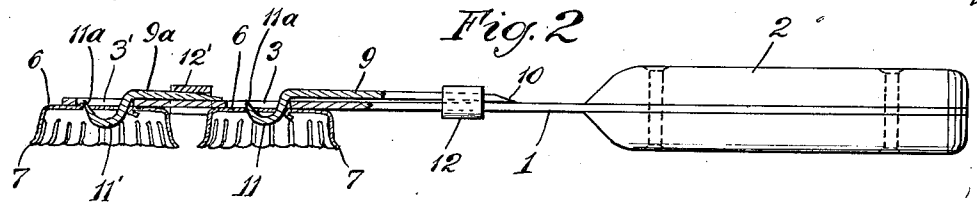


Fig. 3

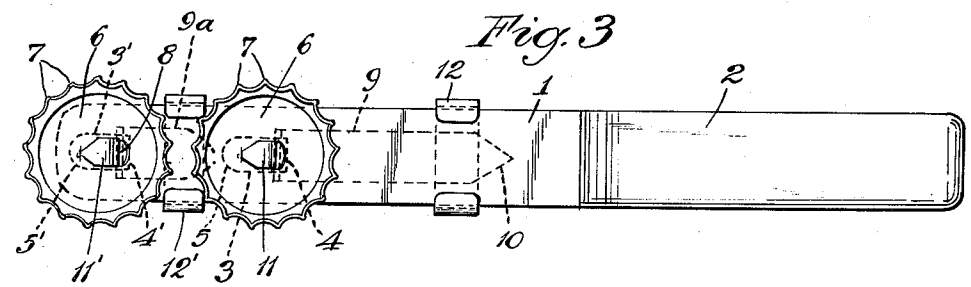
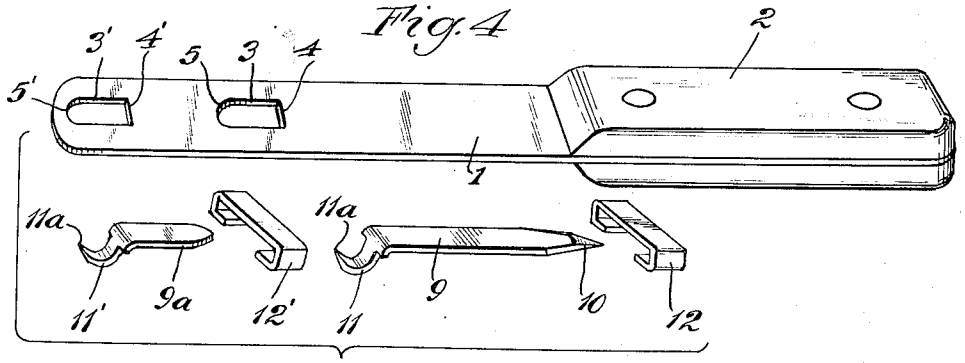


Fig. 4



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FISH SCALER

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5 Claims. (Cl. 17—7)

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My invention relates to an improvement in fish scalers, and has for one purpose to provide a fish scaler which is economical and efficient.

Another purpose is to provide a scaler in which a plurality of bottle tops may be used simultaneously.

Another purpose is to provide a scaler in which the bottle tops are readily removably secured.

Other purposes will appear from time to time in the course of the specification and claims.

I illustrate the invention more or less diagrammatically in the accompanying drawings, wherein:

Figure 1 is a perspective view;

Figure 2 is a section on the line 2—2 of Figure 1;

Figure 3 is a bottom plan view; and

Figure 4 is a perspective view of the disassembled parts of the device, with the bottle tops omitted.

Like parts are indicated by like symbols throughout the specification and drawings.

Referring to the drawings, 1 generally indicates a blade or structural element extending from end to end of the device. Secured to one end of it is any suitable handle 2. The opposite end of the blade is provided with slots 3, 3', each of which has parallel side walls, a rectilinear end 4, 4', perpendicular to the side walls, and a forward rounded end 5, 5'. Any suitable caps 6 may be employed, such as are customarily used, and which include more or less sharp, serrated edges 7. A hole is punched in such a cap, as at 8, and it is then ready for attachment.

For securing means, I illustrate holder elements 9, 9a, the holder element 9 is substantially longer than 9a, and has a sharp point 10 which may be used to aperture the cap. Each of the members 9 and 9a has a sharp hook portion 11, 11'. Each of the members 9, 9a may be held in position by a securing sleeve 12 which is slidable along the blade 1. In the use of the device, the member 9, with its point 10, may be used to drive a hole in the top of a cap 6. Of course, any other suitable means for aperturing the cap may be used. The cap is then placed with its back or top against one side of the blade 1, in alignment with one of the apertures 3. It will be understood that the collars 12, 12' have already been slipped on the blade 1.

The hook 11 of a member 9 or 9a is then inserted through one of the apertures 3 and into the aperture in the cap top. It is then rotated into the position shown in Figure 1. The result of this rotation is to force the sharp end 11a of

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the hook 11 upwardly into or through the cap, thus firmly locking the cap in the position shown in Figures 1 to 3. The member 9 or 9a is then anchored in position by slipping one of the sleeves 12 over it, as shown in Figures 1 to 3. The result is a convenient and efficient scaling tool.

If the user wishes to disassemble it, all he has to do is first to release the right-hand sleeve 12, referring to the position of the parts in which they are shown in Figures 1 to 3. The member 9 can then be rotated into the released position and removed, and one of the caps is free. Thereafter, the second sleeve 12 is moved to released position, and the member 9a is rotated into inoperative position and removed. The parts may then be cleaned, and, if desired, the caps may be thrown away and new ones applied.

It will be realized that, whereas, I have described and illustrated a practical and operative device, nevertheless many changes may be made in the size, shape, number and disposition of parts without departing from the spirit of my invention. I therefore wish my description and drawings to be taken as in a broad sense illustrative or diagrammatic, rather than as limiting me to my precise showing.

The use and operation of the invention are as follows:

I provide a fish scraper in which the actual scraping tool or scraping edge is provided by the conventional bottle tops. One or more of these can be secured to the blade 1. As securing means I use the members 9 and 9a. The member 9 may be secured to the blade 1 as a tool, and may be used to make the initial incision in the bottle cap, the pointed end 10 being adapted for this effect.

I claim:

1. In a fish scaling implement, a blade having an aperture therein, a securing member having a body portion adapted to abut against one side of the blade and a recurved hook adapted to extend through the aperture, a scraping member adapted to abut against the side of the blade opposite to that engaged by the body of the securing member, said scraping member having an aperture adapted to receive the hook portion of the securing member, and means for removably holding the securing member in locking position.

2. The structure of claim 1, characterized by and including a blade having a plurality of apertures therein, and a plurality of securing members, one for each said aperture.

3. The structure of claim 1, characterized by and including a securing collar slidable along said blade and adapted to engage and hold a

body portion of said securing member when said securing member has been moved into locking position.

4. In a fish scaling implement adaptable for use with exhaustible and readily replaced working elements, a blade having an aperture therein, a securing member having a body portion adapted to abut against one side of the blade and having a recurved pointed hook portion adapted to extend through the aperture with the point of the hook aligned with said aperture, and means for removably holding the securing member in locking position, when the hook portion has been engaged with a working part opposed to the face of the blade opposite to that against which the securing member abuts.

5. The structure of claim 4 characterized by and including a securing member having the end opposite the recurved hook portion tapered, and a securing collar slidable along the blade and over said tapered portion, adapted to engage and hold the securing member against unintended movement.

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