G. LAFRENTZ.

FISH SCALER.

APPLICATION FILED NOV. 10, 1908.

916,725. Patented Mar. 30, 1909

Fig 1.

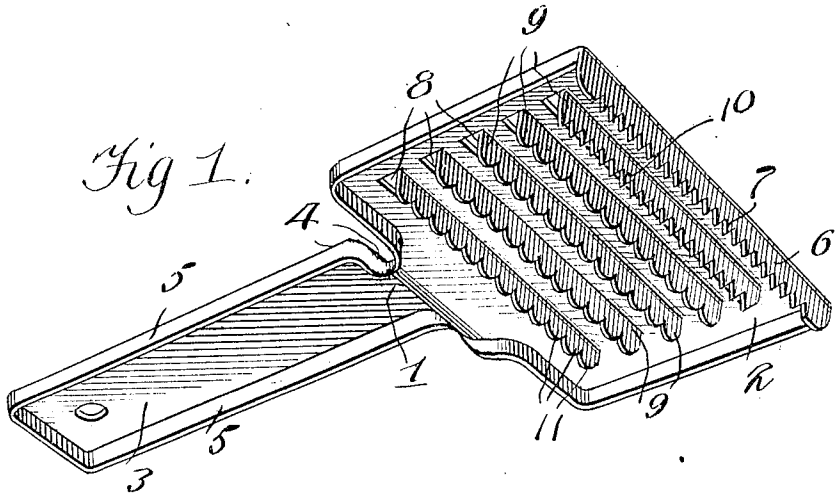


Fig 2.

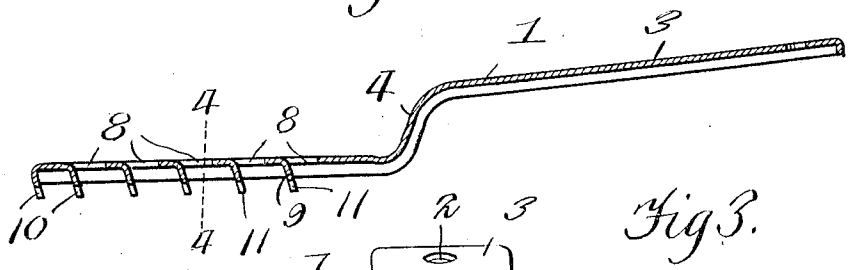


Fig 3.

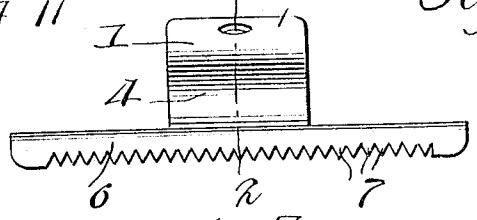
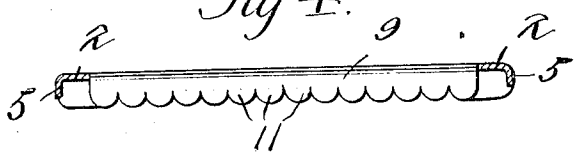


Fig 4.



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UNITED STATES PATENT OFFICE.

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FISH-SCALER.

No. 916,725 Specification of Letters Patent. Patented March 30, 1909.

Application filed November 10, 1908. Serial No. 461,916.

To all whom it may concern:

Be it known that I, GERTRUDE LAFRENTZ, a citizen of the United States, residing at Chicago, in the county of Cook and State of Illinois, have invented new and useful Improvements in Fish-Scalers, of which the following is a specification.

The invention relates to an improvement in fish scalers, being more particularly directed to an article of this character which is constructed entirely of a single sheet of material.

The main object of the present invention is the provision of a fish scaler constructed entirely of a single sheet of material, the various parts being so arranged as to provide a substantial serviceable structure.

The invention will he described in the following specification, reference being had particularly to the accompanying drawings, in which:—

Figure 1 is a perspective view of a fish scaler constructed in accordance with my invention, the same being taken from the underside. Fig. 2 is a longitudinal central section of the same. Fig. 3 is an end view of the same. Fig. 4 is a transverse section on line 4—4 of Fig. 2.

Referring particularly to the accompanying drawings, my improved fish scaler is constructed of a single blank or sheet of material 1, initially formed to provide a comparatively broad body portion 2 and a narrow handle portion 3, the latter being arranged in a plane offset from the plane of the body portion, preferably by bending the material at the juncture of the handle and body portion to provide a connecting section 4.

It is the purpose of the present invention to construct the scaler out of as light material as possible and in order to permit the use of such material strengthening means must be provided to prevent bending or buckling of the material in use. To this end the edge forming outline of the blank is bent at right angles to the main plane of the blank to provide a depending flange 5, which flange, being as described coextensive with the edge outline of the implement, serves to effectively strengthen and reinforce the material thereof in a manner to provide a comparatively rigid structure. The edge flange alined with the relatively forward edge of the body portion is of greater depth than the remainder of the edge flange, providing a flange 6, which on its lower edge is formed with a series of teeth 7 or the like for service in scraping in the use of the implement.

The body portion 2 is formed with a series of transverse rectangular slots 8 arranged by cutting the material of the body portion except on one longitudinal side of the slot. The material thus severed on three sides is bent downwardly to provide depending flanges 9, which are so arranged that their lower edges are in alinement with the lower edge of the flange 6. One or more of the flanges 9 may be formed on its relatively lower edge with teeth 10 corresponding to the teeth 7 of the flange 6, while the remainder of the flanges may have rounded or blunted projections 11 instead of the teeth.

Having thus described the invention what is claimed as new, is:—

A fish scaler having a body portion and a handle portion of less width than the body portion, the boundary edge of the handle and body portion being bent throughout its length to form a depending reinforcing flange, said flange at the forward edge of the body portion being of greater depth than the remainder of the flange and formed on its lower edge with a series of teeth, the body portion within the marginal flange being formed with a series of longitudinal slots the material of which is projected downward with their lower edges in a plane with the lower edge of the tooth portion of the marginal flange.

In testimony whereof I affix my signature in presence of two witnesses.

GERTRUDE LAFRENTZ.

Witnesses:

MINNIE MEYER,

AGNES SIMMS.