May 10, 1927. 1,628,486

J. AZAMBER

FLY SWATTER

Filed Oct. 26, 1926

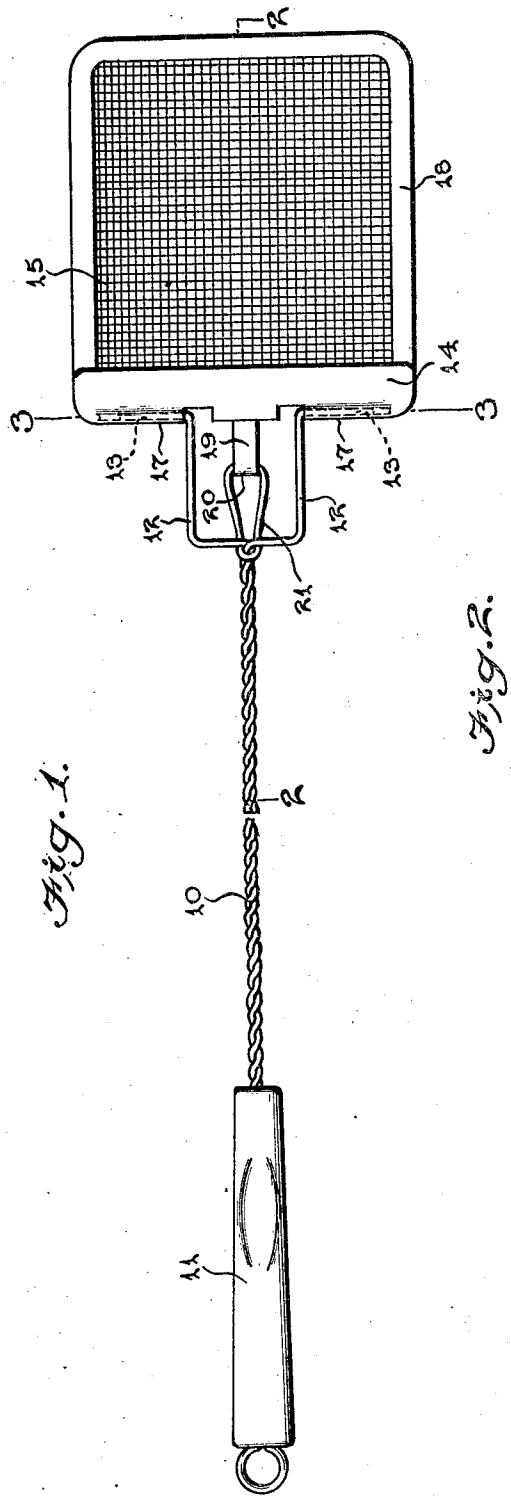


Fig. 1.

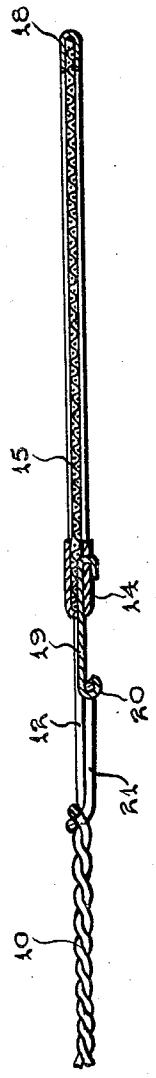


Fig. 2.

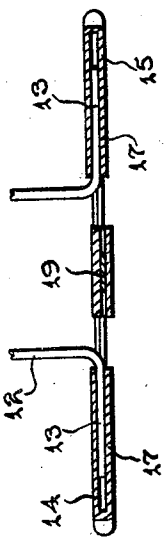


Fig. 3.

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UNITED STATES PATENT OFFICE.

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FLY SWATTER.

Application filed October 26, 1926. Serial No. 144,297.

The object of the invention is to improve the construction of fly swatters, so that the reticulated member usually employed in connection with devices of this kind may be free to swing in either direction on its staff or handle member without the material thereof being bent to accomplish this purpose; to provide a construction of this sort wherein the reticulated member is held yieldingly and yet normally in the plane of the handle member; and to provide a construction which is of simple form and susceptible of cheap manufacture and low marketing cost.

With this object in view, the invention consists in a construction and combination of parts of which a preferred embodiment is illustrated in the accompanying drawings, wherein:

Figure 1 is a plan view of the invention.

Figures 2 and 3 are sectional views respectively on the planes indicated by the lines 2—2 and 3—3 of Figure 1.

The staff 10, which may be of any acceptable form, is, in the illustrated embodiment of the invention, formed by bending back on itself a single strand of wire and then twisting them together. At one end, the staff receives the handle 11 into which it is inserted and with which it is preferably frictionally engaged.

The other ends of the two sections of the strand are separated to provide a fork 12, the fingers of which at the terminals are bent outwardly, as indicated at 13, the two bent portions of the fingers being in axial alignment, so that when the plate 14, which is preferably of metal and transversely bent back on itself, is attached to the lower edge of the impact member 15, sockets 17 may be had for the reception of the bent extremities of the fork fingers, thus providing a swinging connection of the impact member with the staff 10.

The impact member 15 is preferably cut from a piece of reticulated material, as shown, and is provided with a binding 18 on the two side and top edges. To provide for maintaining the impact member normally in the plane of the staff, a tongue 19 is connected with the plate 14 and disposed between the two fingers of the fork, its free end being caused to provide a hook 20 with which a rubber band 21 is engaged, the band being disposed around the staff and engaging in the crotch formed at the point of connection of the fork 12 therewith.

In the use of the device, the impact member may swing readily to one side or the other on the plane of the staff against the tension of the rubber band 21 and thus provision is made for an effective blow on an insect and this without any tendency to bend the material of the impact member. When the band loses its activity, it may be readily replaced with a new band by simply sliding the latter over the handle and up the same to engage the crotch formed at the connection of the fork and the staff, then being readily engaged with the hook of the tongue.

The invention having been described, what is claimed as new and useful is:

1. A device for the purpose indicated comprising a staff, a flat impact member having a hinged connection with the staff, the impact member having a tongue lying in the same plane with it and extending in the opposite direction from the hinged connection and a resilient member tensioned between the staff and the extremity of the tongue.

2. A device for the purpose indicated comprising a staff formed at one end with a fork of which the terminal portions of the fingers are bent outwardly and arranged in axial alignment, a flat impact member provided with a transversely bent plate bounding one edge and forming sockets for the bent portions of the fork fingers, the plate being provided with a tongue disposed intermediately between the fingers of the fork and having a terminal hook, and a resilient member engaged with the hook on the tongue and in the crotch formed at the junction of the fork and the staff.

In testimony whereof he affixes his signature.

JOHN AZAMBER.