

Jan. 15, 1924.

O. A. SCHNEIDER

1,481,069

FLY SWATTER

Filed April 22, 1922

Fig. 5.

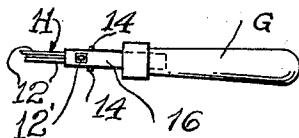


Fig. 1.

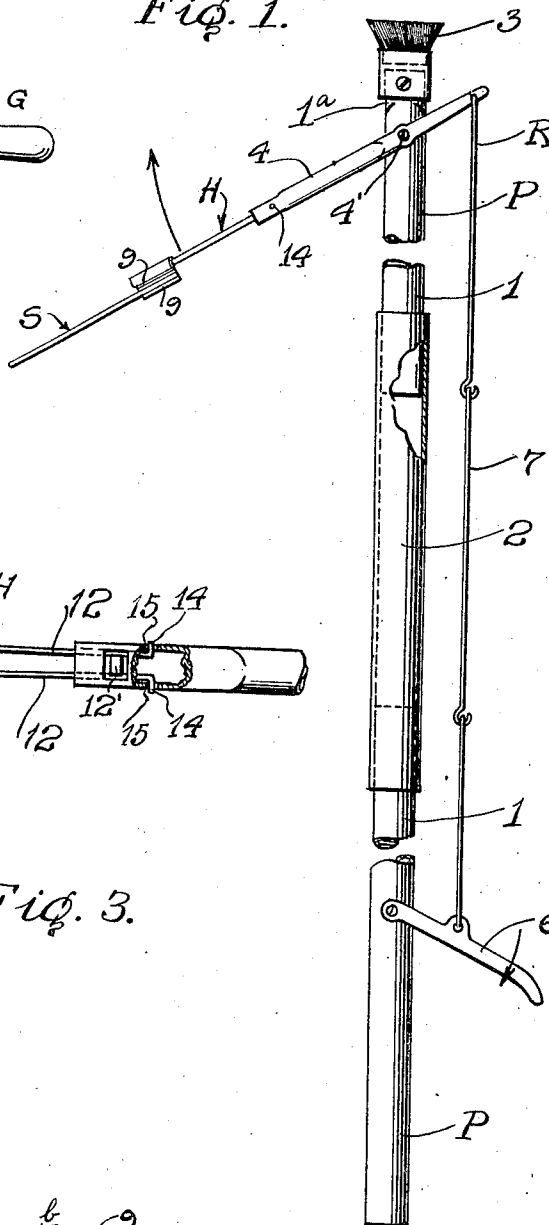


Fig. 2.

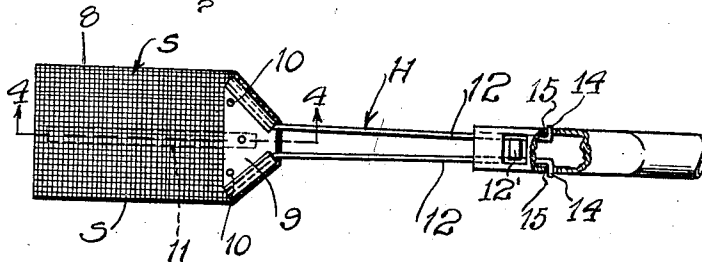


Fig. 3.

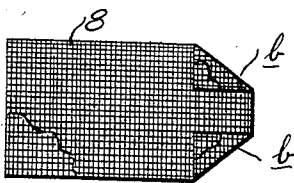
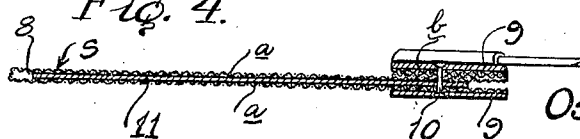


Fig. 4.



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## UNITED STATES PATENT OFFICE.

OSCAR A. SCHNEIDER, OF RANDOM LAKE, WISCONSIN.

FLY SWATTER.

Application filed April 22, 1922. Serial No. 556,029.

*To all whom it may concern:*

Be it known that OSCAR A. SCHNEIDER, a citizen of the United States, residing at Random Lake, in the county of Sheboygan and State of Wisconsin, has invented certain new and useful Improvements in Fly Swatters, of which the following is a specification, reference being had to the accompanying drawings.

19 This invention relates to certain improvements in fly swatters and it is an object of the invention to provide a device of this general character for a novel and improved means whereby the same can be employed to  
25 advantage in killing flies or the like on a ceiling.

Another object of the invention is to provide a novel and improved device of this general character comprising an elongated  
30 member having supported thereby for swinging movement a swatter together with means whereby the swatter may be caused to impart the requisite blow by the hand engaging with the support.

25 An additional object of the invention is to provide a novel and improved device of this general character wherein the swatter proper may be readily applied or removed so that the swatter may be separately used  
30 in the conventional or well known manner.

The invention consists in the details of construction and in the combination and arrangement of the several parts of my improved fly swatter whereby certain important advantages are attained and the device rendered simpler, less expensive and otherwise more convenient and advantageous for use, as will be hereinafter more fully set forth.

40 The novel features of my invention will hereinafter be definitely claimed.

In order that my invention may be better understood, I will now proceed to describe the same with reference to the accompanying drawings, wherein:

45 Figure 1 is an elevational view, portions being broken away, illustrating a fly swatter constructed in accordance with an embodiment of my invention,

50 Figure 2 is a view in plan of the swinging arm and the swatter proper carried thereby, portions being broken away,

55 Figure 3 is a view in plan of the body of the swatter proper, portions being broken away,

Figure 4 is a sectional view taken on the line 4-4 of Figure 2, and

Figure 5 is a fragmentary elevational view of the modified form of the invention.

As disclosed in the accompanying drawings, P denotes an elongated pole or supporting member herein disclosed as comprising two separable sections 1 which are maintained in operative relation through the instrumentality of the interposed coupling sleeve 2. By having the pole or supporting member P in section the same can be lengthened or shortened as the requirements of practice may prefer.

The outer end portion of one of the sections has applied thereto a brush 3 so that a fly or other insect which may stick or adhere to the ceiling or wall may be readily removed therefrom. The sections 1 are each preferably tubular and the outer extremity of one of the sections 1 is flattened as at 1<sup>a</sup> and also pivotally engaged at 4', with the elongated tubular arm 4. One end portion of the arm 4 has operatively engaged therewith a rod R also operatively engaged with the swinging lever 6 pivotally supported to the lower end portion of the pole P or with the end portion of the pole P remote from the arm 4. By pressing upon the lever 6 the operator may swing the arm 4 as desired and with sufficient force to create the desired impact to enable the swatter S to kill a fly or other insect and particularly when upon a ceiling. The rod R comprises a plurality of separable sections 7 having their adjacent ends detachably connected. The rod may be lengthened or shortened to compensate for the adjustment of the pole P.

The swatter S comprises the flexible body 8 of reticulated or screened material turned upon itself to provide two overlying laminations *a*. The inner corners of the body 8 are folded inwardly and said folded portions *b* are clamped between the plates 9 positioned at opposite sides of the body 8, said plates being held in applied position through the medium of the rivets 10 or the like. Also clamped between the plates 9 and extending outwardly between the laminations *a* of the body 8 is a flat spring or resilient arm 11, said arm or spring serving to impart the desired rigidity to the body 8.

H denotes an elongated handle member comprising the spaced and substantially parallel metallic wires or strands 12 of

requisite gage and which are held to the body 8 by the plates 9, the outer extremities of the strands 12 terminating in the outstanding fingers or lugs 14.

5 The outer end of the arm 4 is open with the adjacent portion somewhat flattened. The free end portions of the strands 12 are insertible within said open end and the fingers or lugs 14 seat within the openings 10 15 provided in opposite walls of said arm 4. After the handle H has thus been applied a key 12' is inserted through said end portion of the arm 4 and between the strands 12 whereby the swatter is effectively secured 15 to the arm 4 and in a manner whereby the possibility of accidental displacement is substantially eliminated.

The swatter S due to the particular construction of the handle H and the associated 20 portion of the arm 4 permits the swatter S to be readily applied or removed so that the swatter S may be independently employed when required in a conventional or well known manner by engaging a hand with 25 the handle H. When the swatter S is adapted to be engaged by the hand it is preferred that a hand grasp G be employed provided at one end with a tubular member 16, the handle H of the swatter S being engaged 30 with the tubular member 16 in the same manner as hereinbefore referred to with respect to attaching the handle H to the arm 4.

From the foregoing description it is

35 thought to be obvious that a fly swatter constructed in accordance with my invention is particularly well adapted for use by reason of the convenience and facility with which it may be assembled and operated, and it will also be obvious that my inven- 40 tion is susceptible of some change and modification without departing from the principles and spirit thereof and for this reason I do not wish to be understood as limiting myself to the precise arrangement and 45 formation of the several parts herein shown in carrying out my invention in practice except as hereinafter claimed.

I claim:

1. A device of the character described 50 comprising an elongated supporting member, an arm engaged therewith for swinging movement, means carried by the supporting member and engageable with the arm to impart swinging movement to the arm, and a 55 swatter detachably engaged with the arm.

2. A device of the character described comprising an elongated supporting member, an arm engaged therewith for swinging 60 movement, means carried by the supporting member and engageable with the arm to impart swinging movement to the arm, a swatter detachably engaged with the arm, and a brush carried by the adjacent end of the supporting member. 65

In testimony whereof I hereunto affix my signature.

OSCAR A. SCHNEIDER.