S. F. MONELL.

FLY PAPER HOLDER.

APPLICATION FILED MAY 7, 1908.

906,646. Patented Dec. 15, 1908.

2 SHEETS—SHEET 1.

Fig. 1.

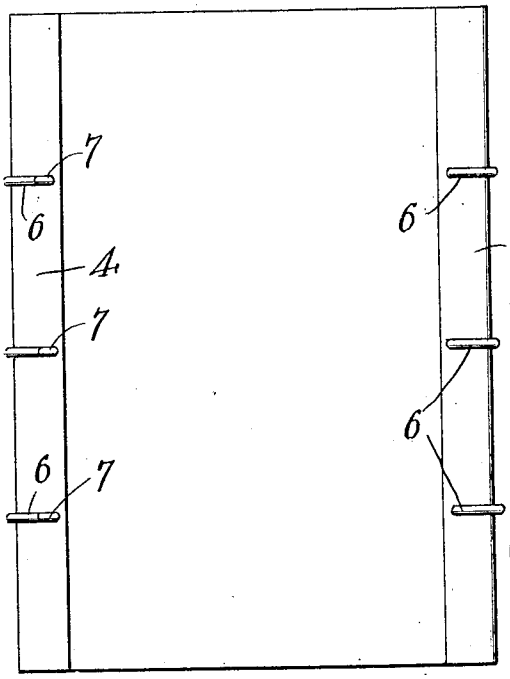


Fig. 3.

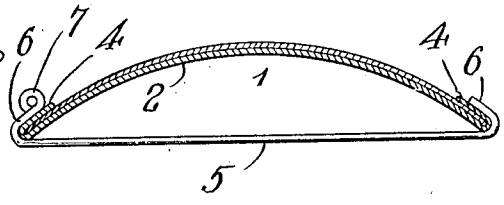
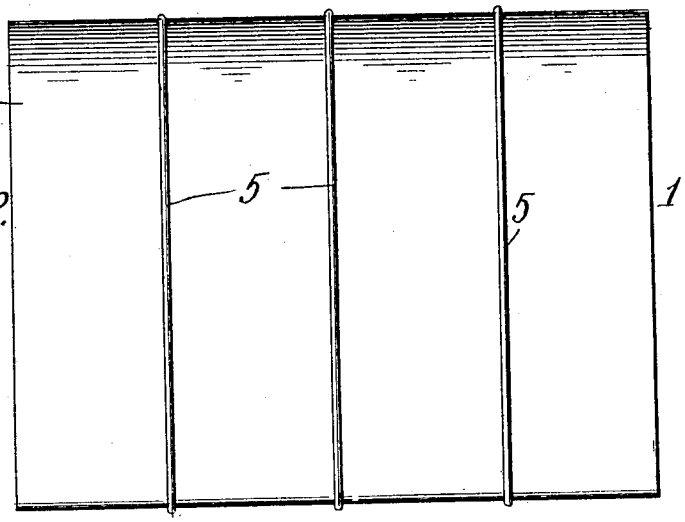


Fig. 2.



Witnesses

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2 SHEETS—SHEET 2

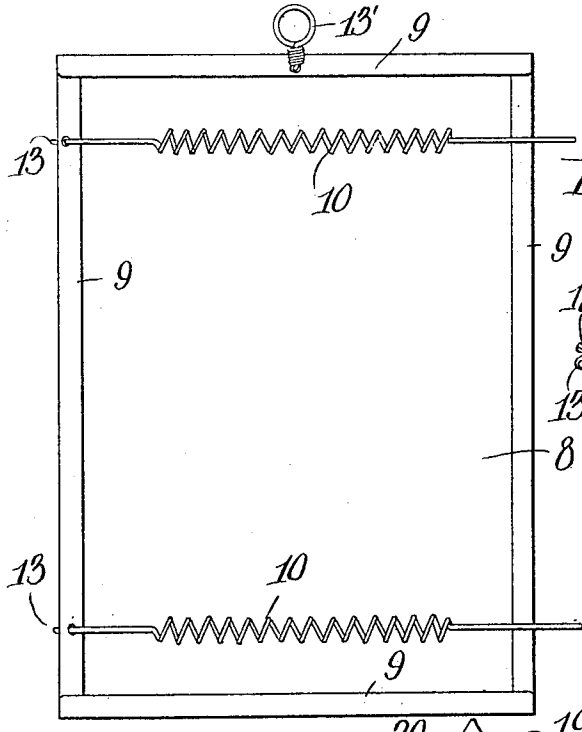


Fig. 4.

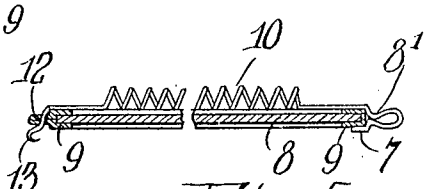


Fig. 5.

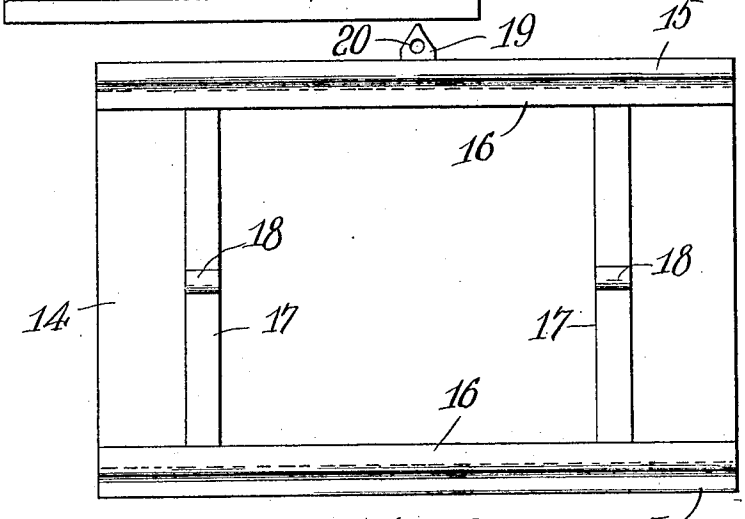
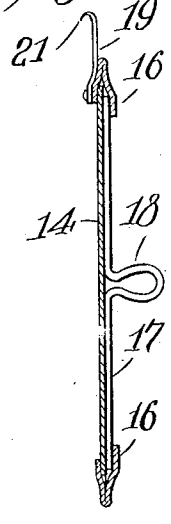


Fig. 6.

Fig. 7.



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UNITED STATES PATENT OFFICE.

SALLIE F. MONELL, OF BOULDER, COLORADO.

FLY-PAPER HOLDER.

No. 906,646. Specification of Letters Patent. Patented Dec. 15, 1908.

Application filed May 7, 1908. Serial No. 431,395.

To all whom it may concern:

Be it known that I, SALLIE F. MONELL, a citizen of the United States, residing at Boulder, in the county of Boulder and State of Colorado, have invented certain new and useful Improvements in Fly-Paper Holders; and I do declare the following to be a full, clear, and exact description of the invention, such as will enable others skilled in the art to which it appertains to make and use the same.

This invention relates to improvements in fly paper holders.

The object of the invention is to provide a device of this character having means whereby the edge of the paper is securely held and prevented from curling up.

Another object is to provide a fly paper holder adapted to hold the paper in a bulged or outwardly curved position, whereby the same will more readily attract flies and other insects.

A further object is to provide means whereby the holder may be hung upon a window or door screen or upon the wall.

With these and other objects in view, the invention consists of certain novel features of construction, combination and arrangement of parts as will be described and particularly pointed out in the appended claims.

In the accompanying drawings, Figure 1 is a top plan view of a fly paper holder constructed in accordance with the invention; Fig. 2 is a plan view of the reverse side of the holder; Fig. 3 is a transverse sectional view of the same; Fig. 4 is a plan view of a modified form of the invention; Fig. 5 is a cross sectional view of the same; Fig. 6 is a plan view of another modified form of the holder; and Fig. 7 is a cross sectional view thereof.

Referring more particularly to Figs. 1, 2 and 3 of the drawing, 1 denotes the holder, consisting of a backing board, 2, which may be formed of any suitable material, but which is preferably constructed of pasteboard, the edges of which along two of its opposite sides are folded over to form strengthening or reinforcing strips, 4, which serve to hold the sheet of fly paper in position. The strips 4 may be of any suitable width and are adapted to receive and hold the edges of the fly paper when the same is placed upon the backing board, thereby preventing the paper from curling up or being slipped off the backing board.

The paper-engaging strips, 4, are held down in position to secure the fly paper by means of binding rods, 5, which are arranged across the back of the board, 1 and are provided on their opposite ends with strip-engaging hooks, 6, which are adapted to be engaged with the folded strips, 4, as shown. The hooks, 6, on one end of the rods have formed thereon eyes or loops, 7, which serve as handles whereby the rods may be more readily applied to the backing board. The rods, 5, are of less length than the width of the backing board so that when the rods are applied to the board, the latter is bulged or curved outwardly as shown. The bulging action of the board serves to more firmly hold the hooked ends of the rods in engagement with the paper fastening strips, and also serves to present an upwardly curved surface to the fly paper, which will cause the same to more readily attract the flies or other insects. A fly paper holder constructed as herein shown and described provides a simple and effective means for holding a sheet of fly paper in operative position.

In Figs. 4 and 5 of the drawing is shown a modified construction of the holder, the same being shown in this instance as consisting of a backing board, 8, which may be constructed of any suitable material, such as thin wood, pasteboard or light sheet metal, the same being herein shown as constructed of pasteboard, and having around the outer edges thereof a strengthening or reinforcing binding strip 9.

Adapted to be engaged with the outer side of the backing board are paper-holding devices comprising light coiled springs, 10, one of the ends of which is inserted through the openings, 12, formed in one of the binding strips, 9, on the side edges of the board. The ends of the springs after being thus inserted through the openings in the side strips are bent into the form of hooks, 13, which are adapted to be engaged with the netting of a window or door screen to support the holder thereon. The opposite ends of the springs, 10, are bent into the form of hooks, 7, which are adapted to be engaged with the binding strip on the opposite edge of the board, said hook being held in engagement with said edge or binding strip by the tension of the springs, 10. The bent ends of the wire which form the hooks, 7, are bent so as to form loops, 8′, which serve as handles by means of which the hooks, 7, may be readily engaged with or disengaged from the binding

strip on the edge of the backing board to permit the placing of a sheet of fly paper on the board beneath the springs. In the binding strip at one end of the board is secured an eye or loop, 13′, by means of which the board may be suspended from a nail or other support.

In Figs. 6 and 7 of the drawings is shown another modified arrangement of the holder, the latter being shown in this instance as consisting of a backing board, 14, on the opposite side edges of which are secured metal strengthening or reinforcing binding strips, 15. The edges of the strips 15, on the upper side of the board are extended to form cleats, 16, beneath which are adapted to be inserted the ends of spring metal paper clamping bars, 17, said bars being provided midway between their ends with outwardly projecting loops or handles, 18, which are here shown as being formed by bending the metal outwardly in the form of a loop.

Secured to the binding strip along one edge of the board is an upwardly projecting supporting lug, 19, having formed therein an eye, 20, adapted to be engaged with a nail or other support. The lug, 19, is reduced on its outer end and bent over to form a hook, 21, which is adapted to be engaged with the netting of a window or door screen to support the holder thereon.

While this device has been herein shown and described for use as a fly paper holder, it is obvious that the same may be employed for holding writing paper or as a file or temporary binder for papers.

From the foregoing description, taken in connection with the accompanying drawing, the construction and operation of the invention will be readily understood without requiring a more extended explanation.

Various changes in the form, proportion and the minor details of construction may be resorted to without departing from the principle or sacrificing any of the advantages of the invention as defined in the appended claims.

Having thus described my invention, what I claim as new and desire to secure by Letters-Patent, is:

1. A paper holder comprising a backing board having formed thereon paper-engaging devices, and means applied to the board to hold said paper binding devices in operative position, substantially as described.

2. A fly paper holder comprising a backing board, binding strips formed along the side edges of said board, and means adapted to be engaged with said strips to hold the same in operative engagement with the fly paper, substantially as described.

3. In a fly paper holder, a backing board having inwardly folded side edges adapted to engage and hold a sheet of fly paper in place on said backing board, and means whereby said backing board and fly paper are held in a curved or outwardly bulged position and said paper holding strips held in engagement with the fly paper, substantially as described.

4. A fly paper holder comprising a flexible backing board having inwardly folded side edges to provide binding strips by means of which a sheet of fly paper is held in position on the backing board, and combined paper-holding and bulging rods adapted to be applied to the backing board to hold the paper binding strips in engagement with the paper, substantially as described.

5. In a fly paper holder, a flexible backing board having inwardly folded side edges which provide paper binding strips whereby a sheet of fly paper is held in position on the backing board, rods arranged across the back of said board, and hooks formed on the opposite ends of the said rods and adapted to be engaged with the folded edges of the same, whereby said board is bulged outwardly and said binding strips held in engagement with the edges of the fly paper, substantially as described.

6. In a fly paper holder, a flexible backing board having arranged along its side edges inwardly folded strips to engage and bind the edges of the fly paper in engagement with the backing board, rods arranged across the back of said board, said rods having formed on their opposite ends hooks adapted to be engaged with the inwardly folded edges of the backing board whereby said edges are held in engagement with the edges of the fly paper, and handles formed on the hooks at one end of said rods, substantially as described.

7. A fly paper holder comprising a backing board having reinforcing or strengthening strips on its edges, and means engaged with said strips to hold a sheet of fly paper in position on said backing board, substantially as described.

In testimony whereof I have hereunto set my hand in presence of two subscribing witnesses.

SALLIE F. MONELL.

Witnesses:
WILLIAM T. MCGINNIS,
EDWIN J. FINCH.