(No Model.)

2 Sheets—Sheet 1.

H. THUM.

STICKY FLY PAPER.

No. 603,981. Patented May 10, 1898.

Fig. 1.

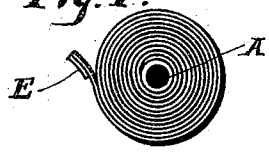


Fig. 2.

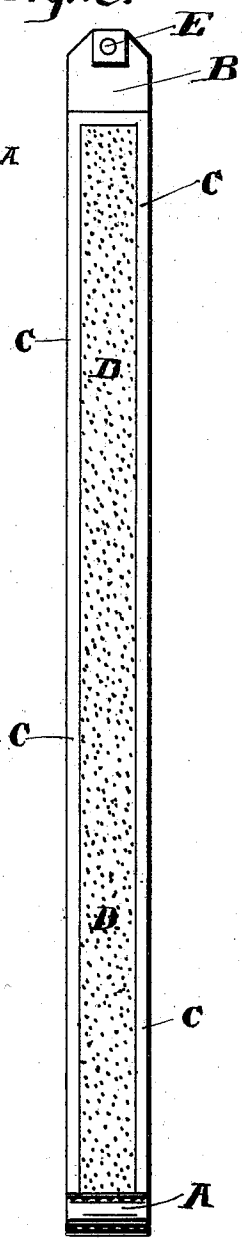


Fig. 3.

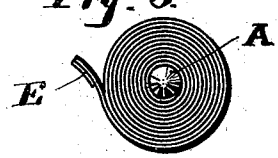
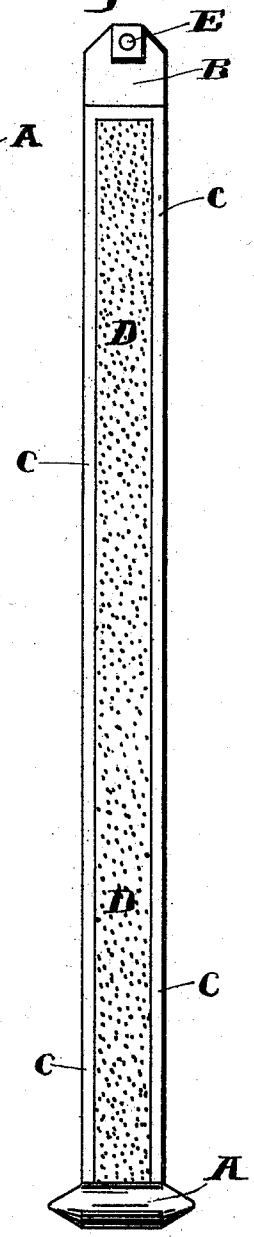


Fig. 4.



Witnesses

Harry J. Perkins.

Christopher Vondelink

Inventor

Hugo Thum

By his Attorney

Edward Taggard

THE NORRIS PETERS CO., PHOTO-LITHO., WASHINGTON, D. C.

(No Model.) 2 Sheets—Sheet 2.

H. THUM.

STICKY FLY PAPER.

No. 603,981. Patented May 10, 1898.

Fig. 5.

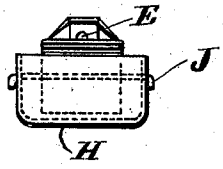


Fig. 6.

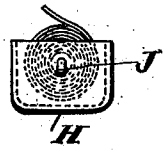


Fig. 7.

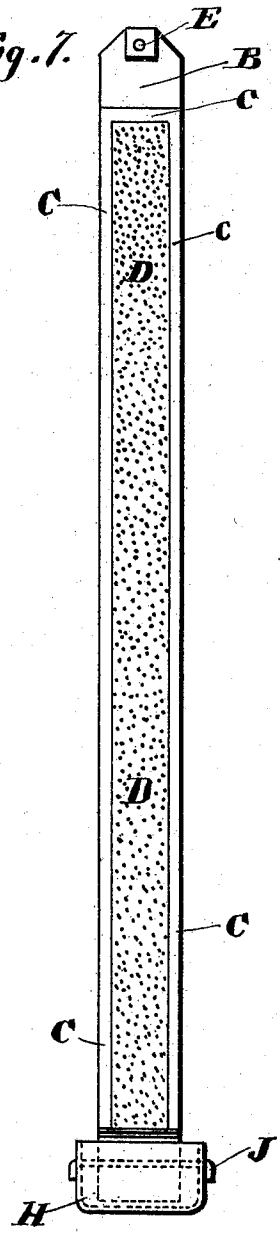
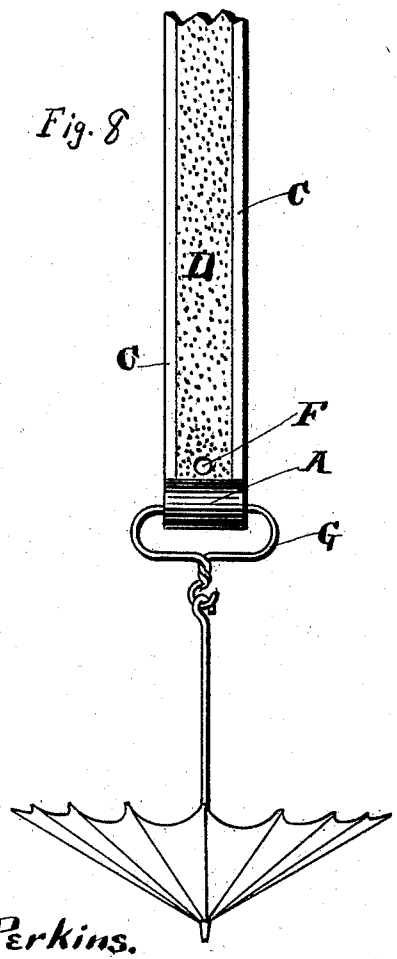


Fig. 8



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UNITED STATES PATENT OFFICE.

HUGO THUM, OF GRAND RAPIDS, MICHIGAN.

STICKY FLY-PAPER.

SPECIFICATION forming part of Letters Patent No. 603,981, dated May 10, 1898.

Application filed June 18, 1897. Serial No. 641,315. (No specimens.)

To all whom it may concern:

Be it known that I, HUGO THUM, a citizen of the United States, residing in the city of Grand Rapids, in the county of Kent and State of Michigan, have invented certain new and useful Improvements in Sticky Fly-Paper, of which the following is a specification.

This invention relates to certain new and useful improvements in sticky fly-paper, and more particularly to fly-paper put up in rolls, having the sticky material applied to both sides of the strip of paper or web forming the roll.

The objects of my invention are, first, to provide sticky fly-paper in suitable form for hanging the paper strip or web in a convenient manner and to provide a suitable center or core to aid in conveniently unwinding the web; second, to combine with the web a receptacle which when the web is hung up in a perpendicular position will tend to hold the web in its position and will also receive any drippings, if any there should be, from the web. The web may be provided with means for suspending a receptacle or with receptacle attached thereto. These objects I accomplish by means of the mechanism illustrated in the accompanying drawings, in which—

Figure 1 shows a roll of sticky fly-paper rolled up and packed ready for sale. Fig. 2 shows the same roll unwound and suspended on a hook or other suitable support ready for use. Fig. 3 shows a roll similar to that shown in Fig. 1 except the core or cylinder upon which the paper is rolled extends beyond the paper on either side, so that it may be grasped between the thumb and finger for convenience in unrolling the same. The cores are preferably round, so that the roll is substantially round when wound upon it; but any other suitable form may be used. Fig. 4 shows the same roll as the one illustrated in Fig. 3 except the paper strip is suspended at the top and unrolled. Fig. 5 shows in side elevation a roll of paper placed in the cup or receptacle which is used to receive the drippings, if any, from the paper when unrolled, and which also serves or may serve to retain the package in place when rolled. The receptacle also serves to receive any disabled flies that may become released from the web, which otherwise would drop on the floor or any underlying object. Fig. 6 shows an end view of the same part as illustrated in Fig. 5. Fig. 7 shows the strip of paper unwound with the dripping-receptacle supported by the paper. Fig. 8 shows the lower end of the web provided with means for suspending a receptacle for any drippings.

Similar letters refer to similar parts throughout the several views.

In Fig. 1, A represents a hollow cylinder or core of any suitable material, upon which the web or paper strip containing the sticky material is wound. This hollow cylinder or core allows for the insertion of a pencil or other suitable object in unrolling the paper.

In Figs. 3 and 4 is shown a modified form of the core upon which the paper is rolled, the ends extending on either side of the paper for convenience in unwinding the same.

B B, &c., in Figs. 1 and 3 show the web or paper strip which receives the sticky and border material, the core, and strengthening-piece.

C C, &c., show the confining-border, which is a material applied on the margins of the web around the sticky material to retain the sticky material within its proper limits.

D D, &c., show the sticky surface upon the paper strip or web.

E shows a strengthening end piece which is provided with a hole or other suitable means for hanging up the strip when in use.

In case the web or paper strip is of sufficient strength the strengthening-piece E may be dispensed with.

The margins of the paper, at the outer limits of the sticky material, may be provided with the confining border material C C for preventing the sticky material from flowing beyond its proper limits at the time the sticky material is applied, or, if preferred, after the sticky material has been applied and the paper strip rolled each end of the roll may be dipped into suitable material for preventing the overflow of the sticky material.

H H represent the receptacle adapted to receive the drippings from the paper strips. In such cases the paper strip may be, if preferred, wound upon a wire, (shown by J,) which wire is supported in the receptacle. This receptacle is secured to one end of the paper strip, so that when the paper is un-

wound the receptacle will be held beneath the lower end of the paper strip or web, substantially as shown in Fig. 7. This receptacle will receive any drippings which may come from the sticky portion of the paper strip, and the core A, upon which the paper strip is wound, may be secured to the receptacle in any suitable manner. I have shown in the drawings an elongated receptacle for the receipt of the drippings. It will be understood, however, that this receptacle can be made in any suitable form. This receptacle will not only receive the drippings, but it will keep the paper strip stretched in proper position for use and will also prevent the same when hung close to a wall or window from coming in contact therewith.

Fig. 8 shows means for suspending a suitable receptacle for any drippings from the sticky material and to receive any disabled flies that may drop from the web. One means is to perforate the web, as shown by F. Through F the receptacle may be suspended by means of a small hook or band. Another means for the same purpose is to form a small hook of wire G with its eye running through the cylinder A. A small Chinese paper parasol hung to the lower end of the web in an inverted position is especially applicable as a drip-receiver by reason of its large circumference when opened. By means of its large circumference it is more apt to catch all the disabled flies. These flies make some effort to fly, and would be more apt to escape a smaller receptacle.

Having thus described my invention, what I claim to have invented, and desire to secure by Letters Patent, is—

1. An insect-catcher comprising a strip of paper coated with sticky material forming a web adapted to fold upon itself and provided at one end with means for suspending the same, a hollow core secured to the opposite end of the web and upon which the latter is wound, a wire passed loosely through said hollow core, and a receptacle carried by said wire, said receptacle being adapted to catch the drippings falling from the web.

2. A strip of paper coated with sticky fly-catching material, forming a web adapted to fold upon itself, provided with suitable means for suspending the same at one end and having a marginal confining-border for the sticky material, a hollow core secured to the opposite end of the web, a wire passing loosely through said hollow core, and a receptacle mounted upon the wire, said receptacle having a relatively wide open mouth and adapted to catch the flies and drippings falling from the web.

3. A strip of paper coated with sticky fly-catching material forming a web adapted to fold upon itself and provided with a marginal confining-border for the sticky material, a hollow core secured to one end of the web, a wire loop passing loosely through the said hollow core and provided with a hook, and a receptacle for catching the drippings and flies, suspended from said hook, substantially as described.

In witness whereof I have hereunto set my hand and seal in the presence of two witnesses.

HUGO THUM. [L. S.]

Witnesses:
LOYAL E. KNAPPEN,
CHRISTOPHER HONDELINK.