(No Model.)

O. & W. THUM.

PACKAGE OF FLY PAPER.

No. 416,019. Patented Nov. 26, 1889.

Fig. 1.

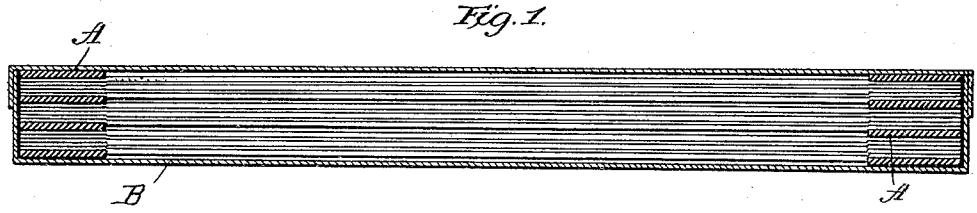


Fig. 3.

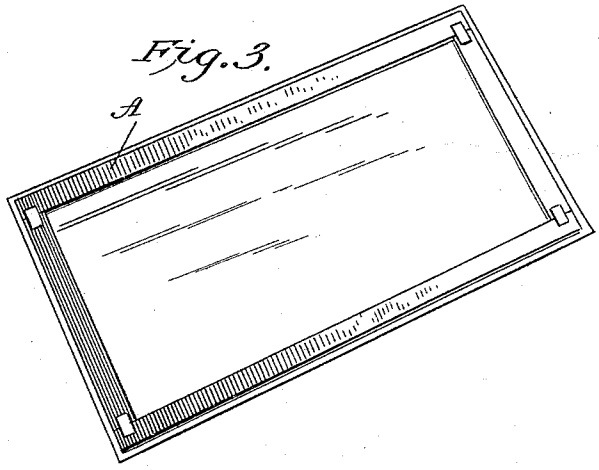
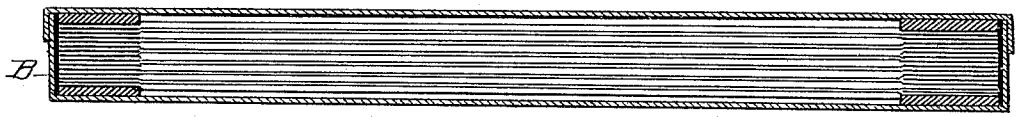


Fig. 2.



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OTTO THUM AND WILLIAM THUM, OF GRAND RAPIDS, MICHIGAN.

PACKAGE OF FLY-PAPER.

SPECIFICATION forming part of Letters Patent No. 416,019, dated November 26, 1889.

Application filed June 16, 1887. Serial No. 241,515. (No model.)

To all whom it may concern:

Be it known that we, OTTO THUM and WILLIAM THUM, of Grand Rapids, in the county of Kent and State of Michigan, have invented a new and useful Improvement in Packages of Fly-Paper; and we do hereby declare that the following is a full, clear, and exact description of the same.

Our invention relates to the packing of fly-paper in which the paper is coated upon one surface with a sticky material. This fly-paper is arranged for shipment with two sheets placed with the sticky material together, and it has been found that where a great number of sheets contained in cases or boxes are sent to a distance the sticky material will run out at the edges; and it is the object of this invention so to make up a package of this paper that in the shipment of the same the running out of the sticky material will be prevented.

In Letters Patent granted Otto Thum on the 22d of May, 1883, the escape of the sticky material was prevented during transportation by a protective margin; but the present invention is designed to be applied to ordinary fly-paper containing simply the sticky material.

In the drawings, Figure 1 represents a box of the fly-paper in sections, showing at intervals the interposed strips for binding the edges of the paper and preventing the escape of the sticky material. Fig. 2 represents a modification showing instead of the interposed strips a strip upon the bottom and one upon the top. Fig. 3 represents a perspective view of one of the pasteboard strips A laid upon the margin of a sheet of the fly-paper.

As shown in Fig. 1, in packing the sheets we place within the box a rectangular open frame composed of narrow confining-strips united at their ends, of the same width and length as the sheets of fly-paper, and the width of strips corresponding to the width of the margin between the sticky material and the edge of the material upon which it is placed. Upon the confining-strips composing this frame a number of sheets of paper, placed face to face, as explained, are laid, and then another open frame, and so on until the box is filled. By reason of the confining-strips it will be apparent that when the box is filled with the sheets the outer edges of the packed paper will be of greater height than the inner body of the fly-paper upon which the sticky material is applied. By reason of this, pressure will be applied constantly upon the margin of the fly-paper, and this pressure will act to prevent the escape of the sticky material should it become liquefied by reason of the warmth of the weather or should the box containing the paper be placed upon edge.

Instead of the frame consisting of strips, preferably of pasteboard, as shown in Figs. 1 and 3, we may, as shown in Fig. 2, simply place a wooden frame in the bottom of the box, as this would give sufficient pressure to the margins to attain the same object, or another frame might also be placed upon the top.

In some instances, instead of packing the sheets in pairs they are folded in the center, and in this case the escape of the sticky material would be prevented by applying pressure to the margins of the sides and of one end, as the folded portion would of course allow of no escape at that point.

The fly-paper is usually packed in paper boxes, with fifty to a hundred sheets in a box, and from ten to twenty of these boxes are packed for shipment in a case.

We claim as our invention—

1. A package of sticky fly-paper, consisting of a series of sheets having uncoated margins, confining-strips for the uncoated margins to prevent the escape of the sticky material, a case for holding the sheets and strips, and a cover for the same, substantially as described.

2. A package of sticky fly-paper, consisting of a series of sheets having uncoated margins, confining-strips for the uncoated margins to prevent the escape of the sticky material, said strips being interposed between the sheets at intervals, a case, and a cover for said case, substantially as described.

3. A package of sticky fly-paper, consisting of a series of sheets of the paper folded in the center and having uncoated margins, confining-strips for the uncoated margins to prevent the escape of the sticky material, a box or case, and a cover therefor, substantially as described.

In testimony whereof we have signed our names to this specification in the presence of two subscribing witnesses.

OTTO THUM.
WM. TUHM.

Witnesses:
SAM. J. NORTH,
CHRISTIAN SCHMIDT.