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PATENTED SEPT. 26, 1905.

S. BOYD.
STICKY FLY PAPER.
APPLICATION FILED JAN. 24, 1905.

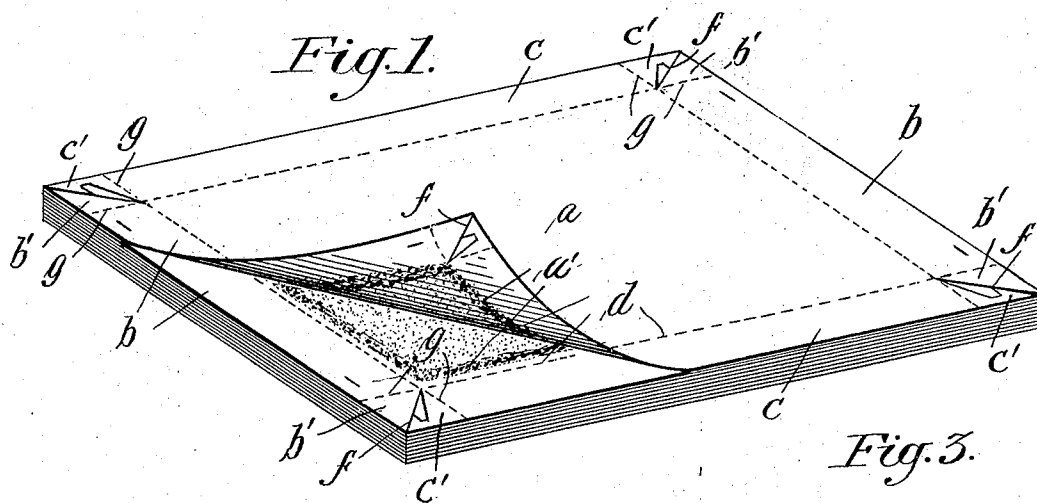
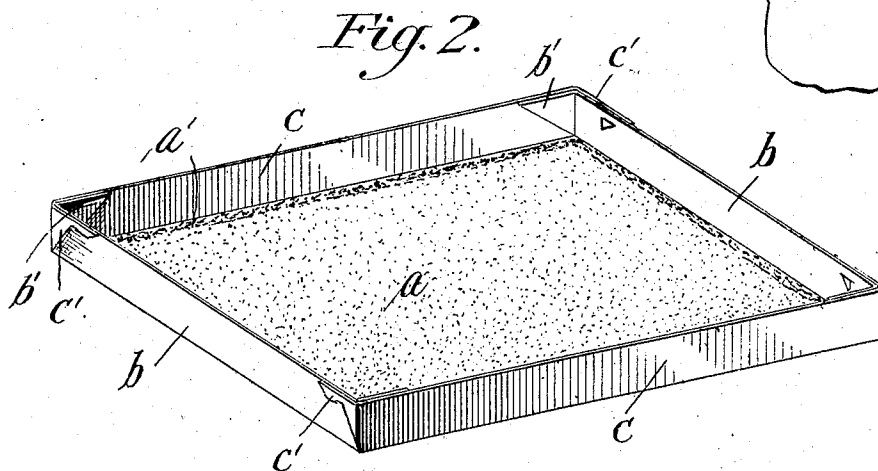
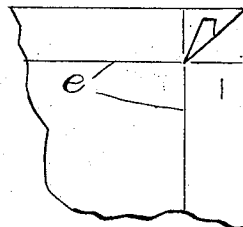


Fig. 3.



Witnesses:

F. R. Dutton
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UNITED STATES PATENT OFFICE.

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STICKY FLY-PAPER.

No. 800,354.

Specification of Letters Patent.

Patented Sept. 26, 1905.

Application filed January 24, 1905. Serial No. 242,524.

To all whom it may concern:

Be it known that I, STEPHEN BOYD, a citizen of the United States, residing at York, in the county of York and State of Pennsylvania, have invented certain new and useful Improvements in Sticky Fly-Paper, of which the following is a specification.

My invention relates to what is known commercially as "sticky fly-paper;" and the object thereof is to provide an article of this character susceptible of manufacture at a minimum of cost, which has applied to one face the ordinary or any approved adhesive composition, which is susceptible of being packed flat in pairs with the adhesive surfaces of the members of the pairs in contact and said pairs disposed in superimposed relation or in pile formation, and which embodies portions designed to be arranged by the user of the sheet when the latter is to be exposed for stiffening the body of the sheet, and thereby precluding the curling of the same, for confining the adhesive substance upon the body of the sheet and preventing it from running therefrom should the medium become heated to such a degree as to tend to flow, which provides a gripping-surface for the hand free from the adhesive medium, and which provides a rigid support for holding the adhesive face elevated out of contact with a carpet, floor, or like surface upon which the sheet may accidentally fall in inverted position.

The invention comprises a sheet possessing the characteristics to be hereinafter described, and particularly pointed out in the claims.

The invention is susceptible of varying embodiments, and the accompanying drawings illustrate what is deemed to be a preferable exemplification of the same and a slightly-modified arrangement.

In the drawings, Figure 1 is a perspective view showing the sheets packed for shipment, one corner of the uppermost sheet being turned up. Fig. 2 is a perspective view of the sheet in use; and Fig. 3 is a detail plan view of a modified construction of sheet, but one corner of the same being illustrated.

The sheet includes generally a body portion having the adhesive medium applied thereto, marginal portions free of the adhesive compound and designed to lie in the plane of the body portion during shipment or until the sheet is to be exposed for use, when the marginal portions are intended to be turned up at right angles to the body of

the sheet, and means for retaining the marginal portions in vertical positions, preferably located at the contiguous ends of said marginal portions and acting to secure said ends together to form a substantially rigid inclosing frame for the adhesive portion of the sheet, which will prevent the sheet from curling, will confine the compound upon the body portion, and will support the adhesive face elevated out of contact with any surface upon which the sheet may fall in an inverted position. The sheet is preferably made of heavy paper or cardboard to prevent the adhesive medium from soaking entirely through the same, although this may be prevented by a suitable coating on the body portion of the sheet or in any other suitable manner.

In the drawings, the body portion of the sheet having any desirable adhesive medium applied thereto is designated by *a*. The end uncoated marginal portions are designated by *b*, and the side marginal portions by *c*. The sheet is preferably weakened along lines parallel with the edge of the sheet which define the inner edges of the marginal portions, these lines being formed by interrupted indentations or perforations *d*, as shown in Figs. 1 and 2, or by continuous indented lines *e*, as shown in Fig. 3. If, as shown in the accompanying illustrations, the sheet is rectangular in shape, the weakened lines, as stated, extend parallel with the edges of the sheet and are preferably located at the extreme edge of the substantially non-adhesive or semi-adhesive coating *a'*, which borders the adhesive medium. The coating *a'* may extend slightly over the lines or may not extend entirely to the lines without in any wise affecting the intended operation of the parts or the manipulation of the sheet. As before premised, the marginal portions *b c* are intended to lie in the plane of the body of the sheets when the latter are packed for shipment or until the sheets are to be exposed for use. At this time the user separates two adhering sheets, if secured together, as is usual, by their respective adhesive faces, by taking hold of the uncoated marginal portions of the respective sheets and drawing them apart. These marginal portions are then bent up on the weakened lines at right angles to the face of the body of the sheet, and thus form vertical flanges or sides constituting an inclosing frame for the coated surface.

It is essential for the attainment of all the

objects sought by my invention that the inclosing sides or flanges so formed be retained in the vertical positions in which they are bent, as otherwise should the sheet be accidentally knocked from a shelf or table onto a floor or fall in any manner in an inverted position the sides would tend to spread out and permit the adhesive face to come into contact with the surface upon which the sheet might fall. My improved sheet embodies means for retaining the sides or flanges in their upright positions, so as to prevent them from spreading out or reassuming their original positions after they have once been bent up and secured. The preferred manner of performing this office contemplates means designed to interlock the adjacent ends of the portions *b c* when the latter are bent upright, and in the particular exemplification of the invention shown in the accompanying drawings said means are constituted by integral extensions *b' c'* of the sides *b c*, forming flaps, adjacent pairs of which overlap and one member of each pair interlocks with the contiguous side. As shown in the drawings, these flaps are defined by diagonal slits *f*, extending from the outer corners of the sheet to the adjacent points of intersection of the weakened lines *d* or *e* and by supplemental weakened lines *g*, forming continuations of the main weakened lines *d* or *e*. The extensions *c'* are here shown as provided with a hook-shaped tongue designed to be passed through a slit in the contiguous end of the adjacent side *b* and interlocked with the wall thereof. The described arrangement of the flaps *b' c'* not only serves to lock the sides firmly in upright positions, but in addition they preserve the continuity of the sides, thus forming a continuous or uninterrupted inclosing frame for the adhesive coating which effectually prevents the compound running beyond the intended confines thereof, notwithstanding this compound from heat or otherwise may be in a condition to flow.

From the foregoing description it will be appreciated that my improved sheet embodies all of the advantages of the present sheet of sticky fly-paper, that it may be made at substantially the same cost thereof and may be packed as compactly, and that in addition it possesses all of the advantages of a tray or holder for the sheet, and, indeed, presents additional features of advantage not present in the ordinary tray—as, for instance, the features of supporting the adhesive face elevated out of contact with a support should the sheet be placed or fall upon the latter in an inverted position and that of preventing the sheet from curling.

Having thus described the invention, what is claimed as new, and desired to be secured by Letters Patent, is—

1. As a new article of manufacture, a sheet

of sticky fly-paper designed to be packed flat having a main body portion provided with an adhesive medium, uncoated marginal portions, and fastening means for securing the adjacent ends of the marginal portions to each other to provide a substantially rigid inclosing frame for the coated portion.

2. A sheet of sticky fly-paper having a main body portion provided with an adhesive medium, uncoated marginal portions, and interlocking means at the contiguous edges thereof.

3. A sheet of sticky fly-paper having a body portion provided with an adhesive medium, uncoated marginal portions, and fastening-flaps at the ends of the marginal portions.

4. In a sheet of sticky fly-paper, a body portion provided with an adhesive compound, uncoated marginal portions and overlapping interlocking flaps at the ends of the marginal portions for maintaining the latter in vertical positions and preserving the continuity of the frame provided thereby.

5. A sheet having a body portion coated with an adhesive medium, uncoated marginal portions, weakened lines located substantially between the body portion and the marginal portions, and interlocking flaps on the marginal portions.

6. A sheet having a body portion coated with an adhesive medium, uncoated marginal portions, weakened lines located substantially between the body portion and the marginal portions, and flaps on the marginal portions defined by diagonal slits at the corners of the sheet and end continuations of said weakened lines.

7. A sheet having a body portion coated with an adhesive medium, uncoated marginal portions, weakened lines located substantially between the body portion and marginal portions, and flaps on the marginal portions provided with tongues for engaging the walls of receiving-slits.

8. As a new article of manufacture, a sheet of sticky fly-paper having a body portion coated with an adhesive medium, and an integral substantially rigid continuous upright frame surrounding the adhesive medium, formed by uncoated portions of the sheet which are designed to lie in the plane of the body of the sheet when the sheet is packed for shipment, and a substantially non-adhesive strip located between the latter portion and the body of the sheet.

In testimony whereof I have hereunto signed my name, in the presence of two attesting witnesses, at York, in the county of York and State of Pennsylvania, this 18th day of January, 1905.

STEPHEN BOYD.

Witnesses:

GUY S. BOYD,

E. C. BROWN.