

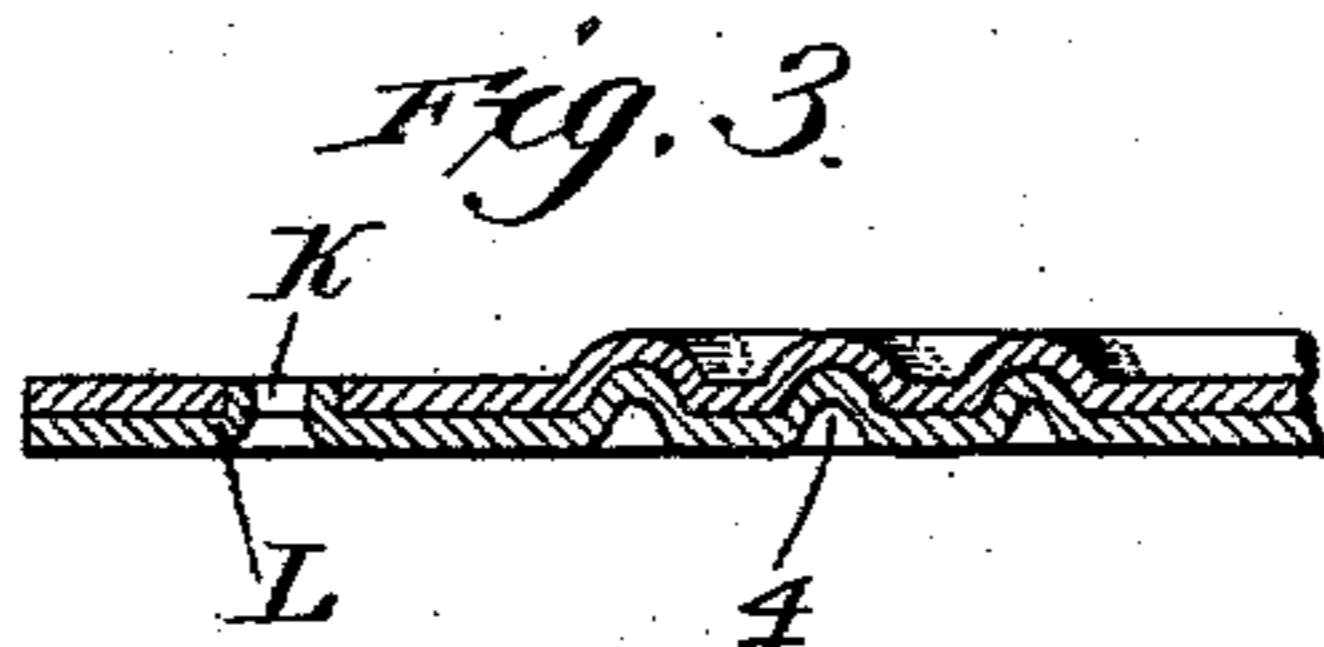
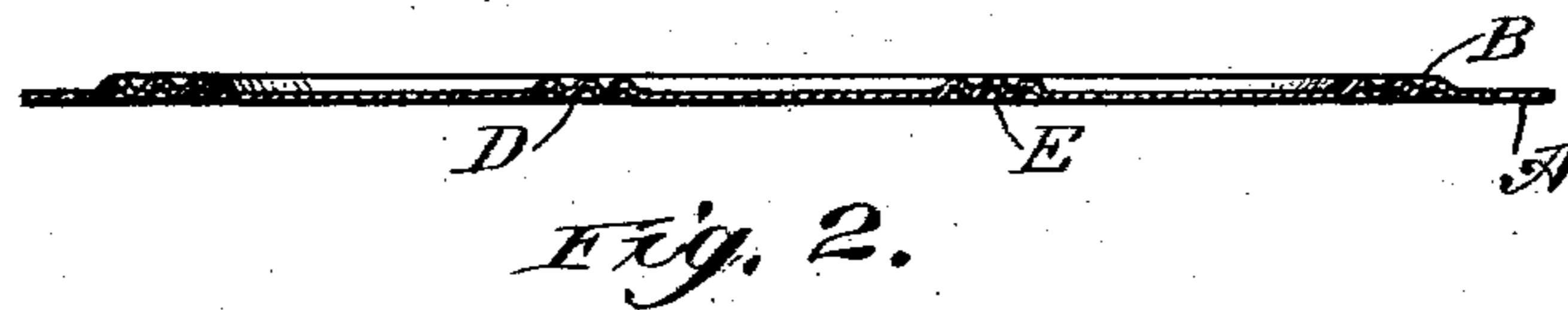
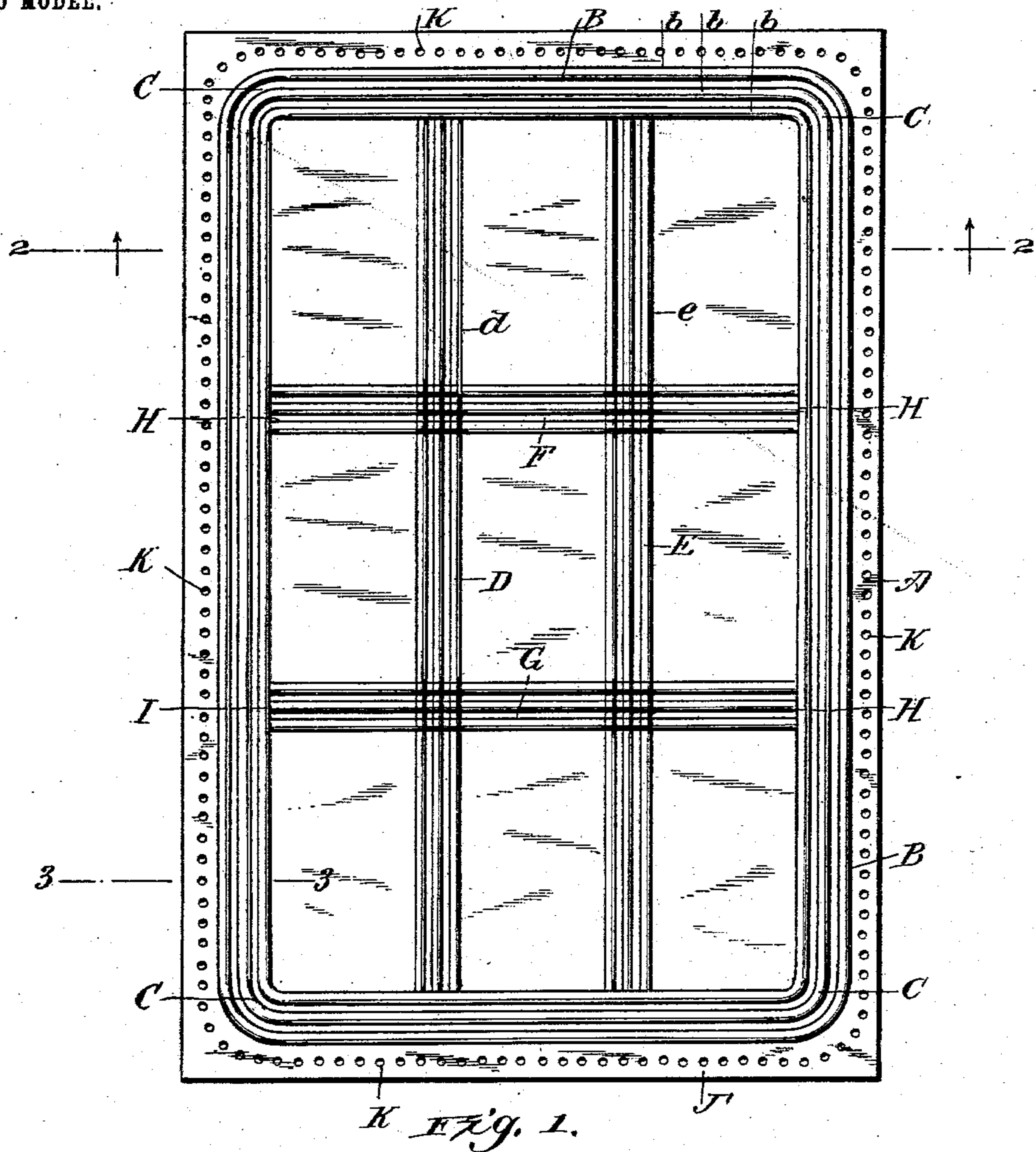
No. 740,870.

PATENTED OCT. 6, 1903.

O. A. JONES.  
STICKY FLY PAPER.

APPLICATION FILED MAR. 7, 1903.

NO MODEL.



WITNESSES:

*Paul Hunter*  
*R. B. Caramagh*

INVENTOR

*Orien A. Jones*

BY

*Wm. H. Jones*  
ATTORNEYS.

# UNITED STATES PATENT OFFICE.

ORIEN A. JONES, OF UNION CITY, MICHIGAN, ASSIGNOR TO HIMSELF AND  
JOHN S. NESBITT, OF UNION CITY, MICHIGAN.

## STICKY FLY-PAPER.

SPECIFICATION forming part of Letters Patent No. 740,870, dated October 6, 1903.

Application filed March 7, 1903. Serial No. 146,603. (No model.)

*To all whom it may concern:*

Be it known that I, ORIEN A. JONES, a citizen of the United States, and a resident of Union City, in the county of Branch and State of Michigan, have invented new and useful Improvements in Sticky Fly-Paper, of which the following is a full, clear, and exact description.

My invention relates to certain novel and useful improvements in fly-paper, and has particular application to sticky fly-paper.

As is well known, there are certain disadvantages incident to the fly-paper now in use, such as the difficulty that has been encountered in retaining the adhesive or sticky substance upon the base-sheet in such a manner that it may be prevented from oozing out over the edges of such sheet upon surrounding objects. The attempts that have heretofore been made to remedy this defect have not met with success, owing to the fact that if the edges of the paper are formed with ribs or projections it is very difficult to separate the sealed sheets without tearing or spoiling the same, and such separation generally results in destroying the edge of the base-sheet to such an extent that the adhesive substance will readily flow from the same when softened by heat.

It is therefore a particular object of my invention to remedy the above-mentioned defects.

I have also as an object to so form the surface of the paper that it may be readily and easily separated without tearing or destroying it, yet will always retain the adhesive substance upon the border of the base-sheet.

With the above and other objects of a similar nature in view my invention consists in the construction, combination, and arrangement of parts, as is described in this specification, delineated in the accompanying drawings, and set forth in the appended claims.

Reference is to be had to the accompanying drawings, forming a part of this specification, in which similar characters of reference indicate corresponding parts in all the figures.

Figure 1 is a plan view of a sheet of my improved fly-paper. Fig. 2 is a transverse

vertical sectional view taken on the line 2 2 of Fig. 1, and Fig. 3 is an enlarged sectional view taken through the perforated border on the line 3 3 of Fig. 1.

Referring now to the accompanying drawings, A designates the base-sheet of my improved paper, which may be formed of any suitable material, such as Manila paper or the like, and provided near its margin with a series of perforations. Formed adjacent to the four edges of such sheet is the border B, formed of a number of corrugated ribs *b*, the entire border being substantially rectangular in shape and having the corners thereof rounded or curved, as at C, so that the border is continuous in every respect without an opening or breaking through which the viscid, sticky, or adhesive substance can escape.

Extending longitudinally of the sheet are two parallel ribs D E, spaced apart and formed of a number of corrugated beads *d* and *e*, such parallel corrugated ribs terminating at the inner rib of the border B. Crossing the longitudinal ribs at right angles, and therefore extending transversely of the same, are the parallel corrugated ribs F and G, which terminate at H and I in abutment with the inner edge of the longitudinal sides of the corrugated border. By this arrangement it will be seen that the greater portion of the surface of the entire sheet is divided by a series of corrugated ribs or beads into a number of rectangles which are adapted to form a base for the adhesive substance. The marginal border B is so arranged that an extended portion J is left entirely around the extreme edges of the sheet, which may form a binding-border for the purpose of holding two similar sheets together or in face contact with each other.

When two sheets are placed in the position of face contact, as mentioned, this border or margin J' is provided with a line of perforations K, formed entirely around the same, such perforations being so stamped or formed in such manner that a portion of the material of the lower sheet, as at 4, Fig. 3, is forced up through the adjacent perforations of the upper sheet, thus acting as a stud to retain the sheets in their position of face contact. When

desired, the border or margin may be removed along the line of perforations and the sheets then quickly separated.

It will be evident that a sheet of fly-paper constructed substantially as herein described possesses many points of advantage, such as those hereinbefore mentioned, and also enables the paper to be easily and quickly handled in summer-time, and also saves many sheets in storing and shipping, as it is in transportation that a great amount of fly-paper is ruined.

Having thus described my invention, I claim as new and desire to secure by Letters Patent—

1. A fly-paper, comprising a base-sheet and an upper sheet placed with their adjacent faces in contact, said contacting faces having adhesive material thereon, a row of registering perforations being formed in said sheets adjacent to the edges thereof, the material surrounding the perforations in one sheet extending through the registering perforations of the contacting sheet, whereby the sheets will be held securely together, a border-rib for retaining the adhesive material extending around the sheets adjacent to the perforations therein, and ribs formed on the surfaces of the contacting faces and inclosed by the marginal rib, substantially as set forth.

2. A fly-paper, comprising a base-sheet and an upper sheet placed with their adjacent flat faces in contact, said contacting faces having adhesive material thereon, a continuous raised corrugated border extending around

the sheet adjacent to the edge thereof, and registering perforations formed in the sheets between the continuous corrugated border and the edges of the sheets, substantially as set forth.

3. As an improved article of manufacture, a base-sheet having a coating of adhesive material thereon, a continuous corrugated rib extending around the sheet adjacent to the edge thereof, said sheet having perforations between the rib and the edges of the sheet, a series of corrugated ribs formed on said sheet, the ends of said ribs terminating at the continuous corrugated rib, and a second series of corrugated ribs crossing the first-mentioned series at right angles, substantially as set forth.

4. A fly-paper comprising a base-sheet, a coating of adhesive material thereon, a continuous rib extending around the sheet adjacent to the edges thereof, a series of ribs extending longitudinally of said sheet within the continuous-border rib, and a second series of ribs extending transversely of the sheet within the border-rib and crossing the first-mentioned series substantially at right angles, substantially as set forth.

In testimony whereof I have signed my name to this specification in the presence of two subscribing witnesses.

ORIEN A. JONES.

Witnesses:

JOHN D. PARKS,

CHARLES W. PARKS.