

H. PIEPER.
 HOLDER FOR FLY CATCHING PAPER.
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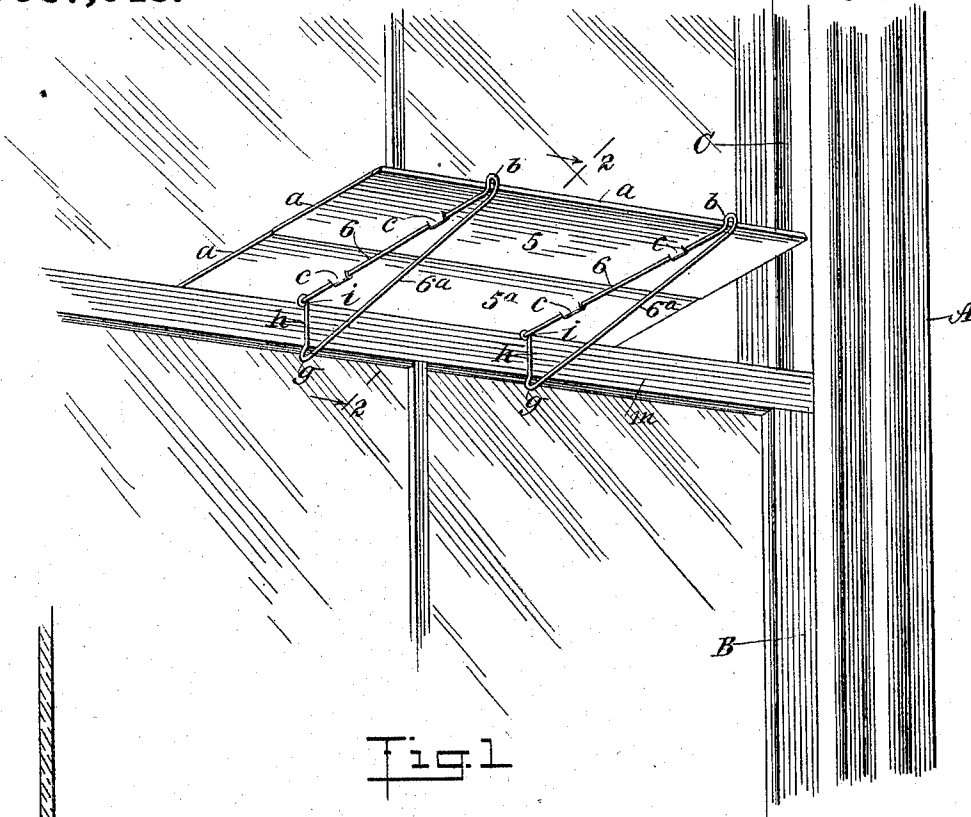


Fig. 1

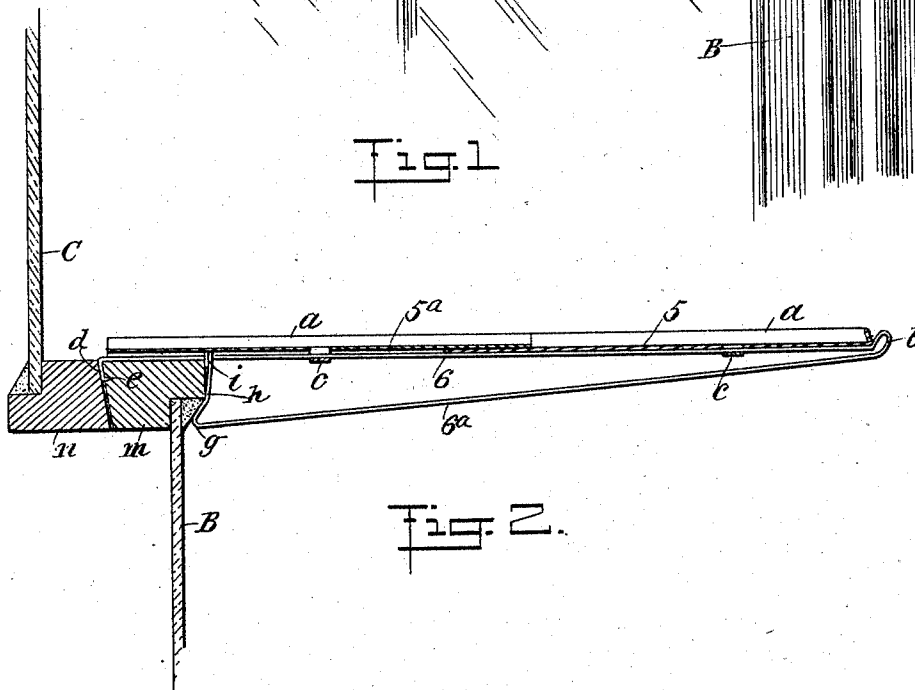


Fig. 2.

WITNESSES

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HENRY PIEPER, OF UEHLING, NEBRASKA.

HOLDER FOR FLY-CATCHING PAPER.

967,048.

Specification of Letters Patent.

Patented Aug. 9, 1910.

Application filed August 31, 1909. Serial No. 515,380.

To all whom it may concern:

Be it known that I, HENRY PIEPER, a citizen of the United States, and a resident of Uehling, in the county of Dodge and State of Nebraska, have invented a new and Improved Holder for Fly-Catching Paper, of which the following is a full, clear, and exact description.

The purpose of the invention is to provide a holder frame of novel, simple construction, whereon sticky fly paper may be removably mounted and supported horizontally at a window on the meeting rail of the lower sash, for an exposure of the fly paper where flies seek the light and are liable to be caught by their contact with the paper.

The invention consists in the novel construction and combination of parts, as is hereinafter described, and defined 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 both the views.

Figure 1 is a perspective inner side view of a window in part, and of the improvement detachably secured thereon, the device being disposed horizontally and at a height which exposes the lower side thereof, and Fig. 2 is a vertical transverse sectional view, substantially on the line 2—2 in Fig. 1.

In the drawings, A represents a window casement, B the lower sash, C the upper sash, *m* the upper transverse meeting rail of the lower sash, and *n* the lower transverse rail of the upper sash, said rails being disposed opposite each other when the vertically slidable sashes are in closed adjustment.

The holder whereon a sheet of sticky fly paper is to be mounted, comprises a platen of sheet metal or other suitable material, having rectangular marginal form, and preferably divided longitudinally and centrally into two equal sections 5, 5^a, said sections being mounted one upon the other at adjacent edges, and held from displacement by border flanges *a*.

The two sections 5, 5^a of the platen are connected together by bracket frames, each frame consisting of a resilient metal rod that is bent at *b* near its center of length, so as to produce a looped end, and two members 6, 6^a, which extend from the loop *b* in the same plane therewith.

The bracket frame member 6 is in the

form of a straight rod that frictionally engages two loops *c, c* integrally formed on the lower surface of the platen sections 5, 5^a, said engagement serving to hold the platen sections at a selected point of lapped engagement thereof; and it is to be understood that the members 6 of the duplicate frames for the platen, each engage similar loops *c, c* for the purpose stated.

Each bracket frame member 6 extends laterally from the platen section 5^a an equal distance, and on the outer end of each of said leg members a short limb *d* is bent downwardly and then laterally, said laterally-projecting end portions *e* being pointed, as shown for one leg in Fig. 2.

The member 6^a of each bracket frame is inclined from the looped resilient end *b*, and at a point near the edge of the lower platen section 5^a, that is adjacent to the meeting rail *m* of the lower sash B, a spring loop *g* is formed on each of said members 6^a.

From the spring loop *g* an arm *h* is extended toward a respective leg member 6, and is thereon loosely secured, preferably by means of a ring eye *i* that is formed on the extended end of the arm *h* and encircles the leg member 6.

As shown, the improved holder device is supported horizontally on the meeting rail *m* of the lower sash B, with which it is detachably connected, whereby the platen sections 5, 5^a are disposed horizontally for the support of a sheet of fly paper in a like position. To this end the hook formed of the member *d* and the pointed end *e* on each frame member 6, is attached upon the outer side of the meeting rail *m* by an embedment of the points *e* in said rail, and at the same time, the limbs *d* of the resilient leg members 6^a are sprung inward sufficiently to seat the spring loops *g* upon the inner side of the meeting rail *m*, as is clearly shown in Fig. 2.

It will be seen that the engagement of the hooks on the leg members 6 with the outer side of the meeting rail *m* and the spring loops *g* with the inner side thereof, will detachably secure the platen sections 5, 5^a in a horizontal position at a right angle with the glass in the upper sash, so that sticky fly paper mounted on the platen will be held in a horizontal position to catch flies or other insects that may alight thereon. From the position of the fly catching device, insects that are attracted by the light shed by the window, are liable to rest on the fly paper

and be caught; and furthermore, the disposal of the catcher device at a window removes it from possible interference therewith by children, or by the accidental contact therewith of adults.

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

10 1. A fly paper holder, comprising a platen, and bracket frames on the platen, each bracket frame having a member provided with a hook and a member having a spring arm extending toward the hook member and loosely secured at its end thereon.

15 2. A fly paper holder, comprising a platen formed in two sections, and laterally-projecting bracket frames which engage loops on said sections, the laterally-projecting portions of the frames being provided with means for detachably securing the same upon the lower sash of a window.

20 3. A fly paper holder, comprising a flat platen rectangular in contour, and bracket frames formed of resilient wire and each consisting of two members, one of said members being connected with the platen and arranged to engage the outer side of the upper transverse meeting rail of the lower sash, the other member having an arm adapted to press upon the inner side of said meeting rail.

25 4. A fly paper holder, comprising a flat platen, rectangular in contour and formed in two sections one lapped upon the other, both sections having loops on one side thereof, and bracket frames formed of resilient wire, each bent to provide two members therefor, one member terminating in a hook and the other member having a spring limb loosely connected with the member having the hook.

5. In a device of the character described, the flat platen whereon fly paper is secured, and the pair of supporting frames therefor, each frame consisting of a resilient wire bent near its center, providing two members connected by a spring loop, one member that is straight having a hook on its outer end, and the other member a short arm bent laterally toward the straight limb and thereto loosely connected by an integral ring eye.

6. The combination with the meeting rail of the lower sash of a window, of a fly paper holder, comprising a flat platen, and two bracket frames formed of resilient wire, each wire being bent to provide two members, one member of each frame being secured upon the platen and projecting laterally therefrom, said member having a depending hook thereon which engages the outer side of the meeting rail on the lower sash, and the other member bent upwardly, producing an arm that at its end is loosely secured on the member having the hook, said arm pressing upon the inner side of the meeting rail that is engaged by the hook.

7. A fly paper holder comprising a platen, bracket frames, each having an upper and a lower member, and loops on the lower surface of the platen for the passage of the upper member of each bracket, the said upper members having fastening means at their ends, and the lower member of each bracket terminating in an upwardly extending spring arm.

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

HENRY PIEPER.

Witnesses:

H. F. MEYER,
FRED J. UEHLING.