

(No Model.)

2 Sheets—Sheet 1.

D. A. JONES.

MEANS FOR CLEANING APPARTMENTS OF FLIES, &c.

No. 486 044.

Patented Nov. 8, 1892.

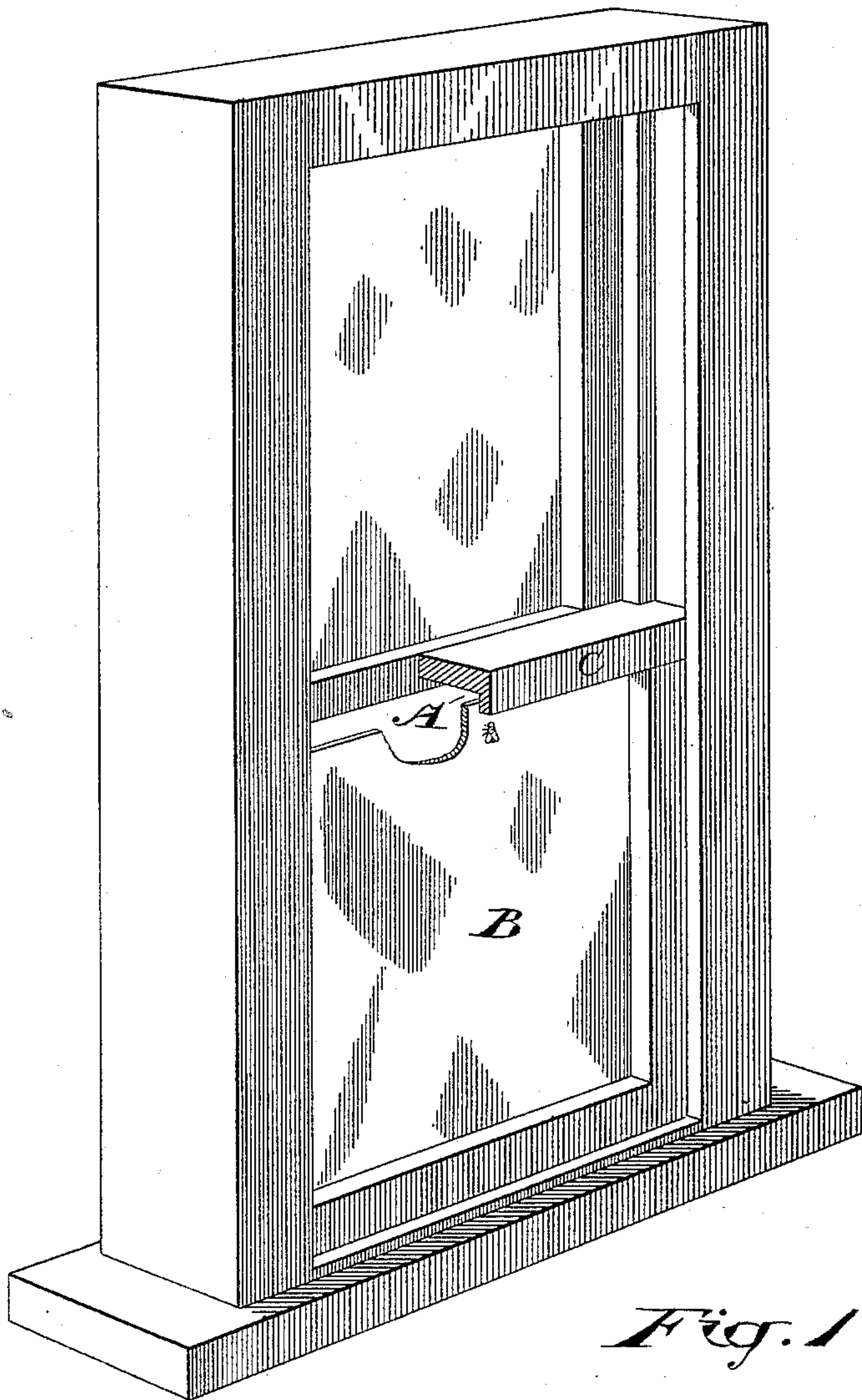


Fig. 1

Witnesses

J. Edw. Maybee
W. G. McMillan

Inventor

David A. Jones
by Donald C. Ridout & Co.
attys.

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2 Sheets—Sheet 2.

D. A. JONES.

MEANS FOR CLEANING APPARTMENTS OF FLIES, &c.

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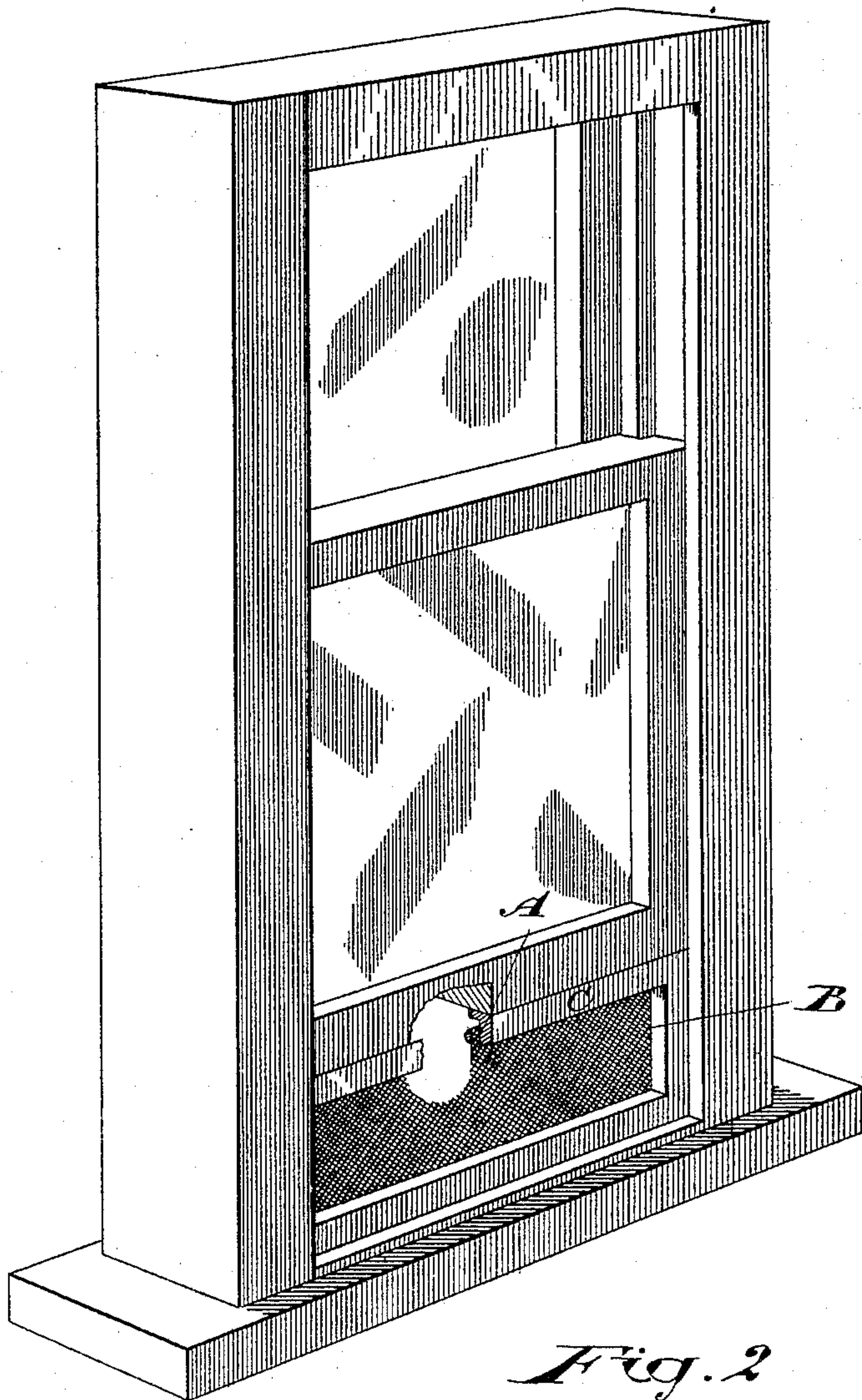


Fig. 2

Witnesses

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UNITED STATES PATENT OFFICE.

DAVID A. JONES, OF BEETON, CANADA, ASSIGNOR TO JESSIE ARABELLA JONES, OF SAME PLACE, AND ALEXANDER NEILSON MACDONALD, OF TORONTO, CANADA.

MEANS FOR CLEARING APARTMENTS OF FLIES, &c.

SPECIFICATION forming part of Letters Patent No. 486,044, dated November 8, 1892.

Application filed April 25, 1892. Serial No. 430,609. (No model.)

To all whom it may concern:

Be it known that I, DAVID ALANSON JONES, of the village of Beeton, in the county of Simcoe, in the Province of Ontario, Canada, have
5 invented certain new and Improved Means for Clearing Apartments of Flies and Similar Insects, of which the following is a specification.

The object of the invention is to provide
10 simple means by which apartments may be cleared of flies and similar insects; and it consists, essentially, of a window having a narrow opening made at the top of the glass, through which the flies, attracted to the win-
15 dow by the light, will pass through the opening out of the apartment, substantially as hereinafter more particularly explained.

Figure 1 is a perspective sectional view of a window-sash provided with my improved
20 fly-escape. Fig. 2 is a similar view showing my invention applied to a wire screen.

It is well known that flies will always go to the brightest part of the room and that the largest number of flies are attracted to the
25 window of the apartment, where they walk up and down the panes of glass. I have discovered that by making an opening at the top of the glass the flies would walk up over the top of the glass and out through the opening.
30 I have further discovered that when once out they will not return the same way, as flies and similar insects are attracted by the light and would be repelled by the darkness of the room as compared with the light they are in when
35 on the outside of the window.

In the drawings, A represents the opening at the top of the pane of glass or netting B, which opening is protected or hidden on the outside by the molding C.

40 In the drawings I show the flies climbing up the pane of glass or netting B and creeping through the opening A.

I do not claim any peculiarity in the style of opening, as any opening at the top of the glass or netting which will permit the flies to
45 escape will answer the purpose; but of course the face of the glass or netting B should be at least as high as the bottom of the molding C, as shown in Fig. 1.

I do not limit myself to having the opening
50 only at the top of the window, as it may be placed at the top of every pane of glass. The same device may also be placed at the top of doors; but of course it will be of more use at the top of panes of glass, where the light will
55 attract more flies.

In the case of doors formed by wire-netting the opening may be made at the cross-bar usually placed in the center of the door; but the point to be observed is that the opening
60 must be placed at the top of the wire or glass surface, so that the flies in ascending will be able to walk out without obstruction.

What I claim as my invention is—

1. An outside sash or frame having an open-
65 ing at the top of the glass or screen, in combination with means to protect said opening on the inside of said sash or frame and having the outside thereof open to the light, sub-
stantially as described. 70

2. An outside sash or frame having an open-
ing at the top of the glass or screen, in combination with a molding having a dependent member to protect the opening and a second member projecting horizontally therefrom, 75 leaving a free passage horizontally for the rays of light to pass over the top of said glass or screen, substantially as described.

Toronto, April 6, 1892.

DAVID A. JONES.

In presence of—

SIMON FRASER,
W. H. DICKSON,
A. WHIFFELY.