

No. 615,289.

Patented Dec. 6, 1898.

H. C. LOUDERMILCH.  
FLY SCREEN.

(Application filed Aug. 18, 1898.)

(No Model.)

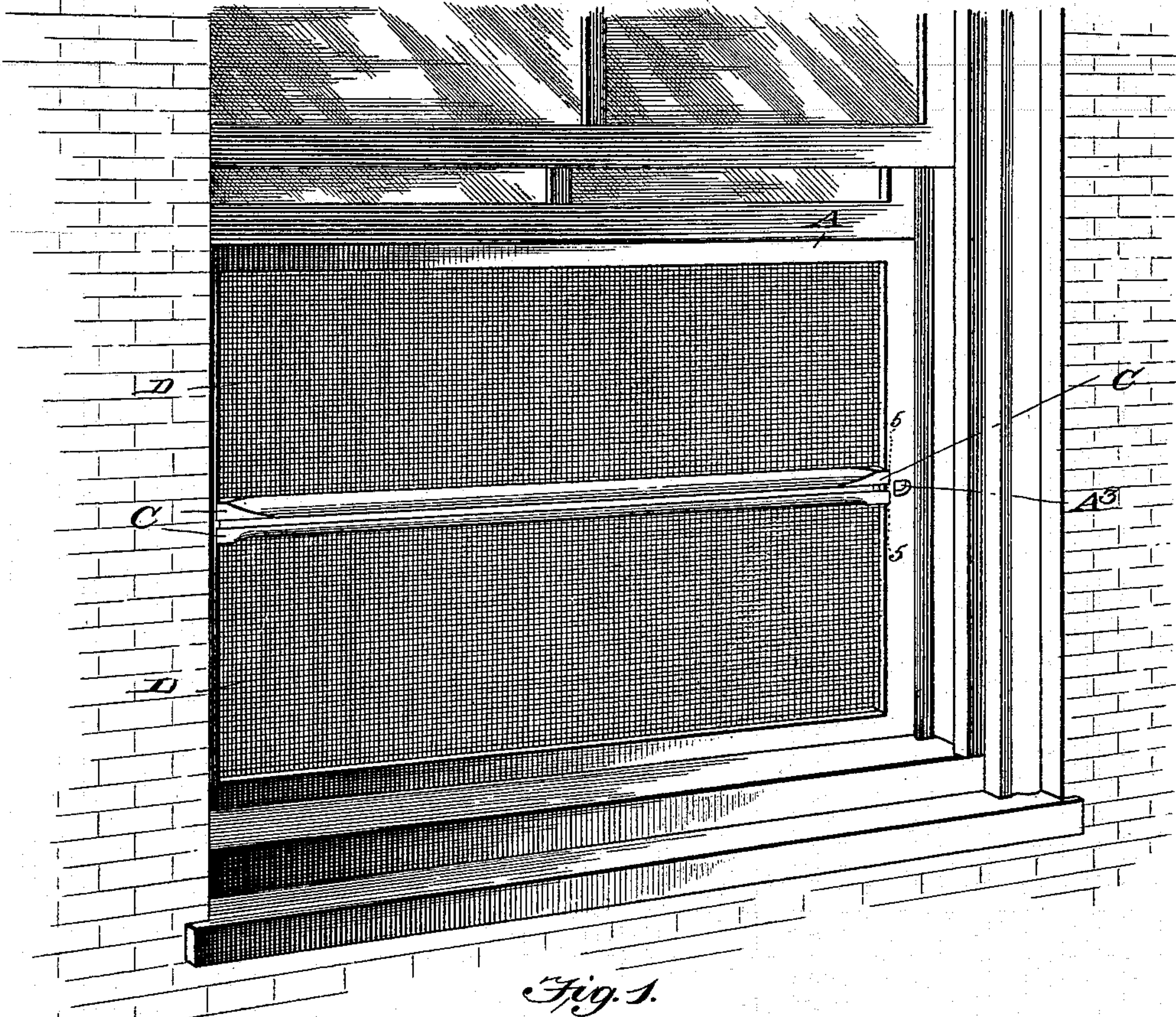


Fig. 1.

Fig. 2.

Fig. 3.

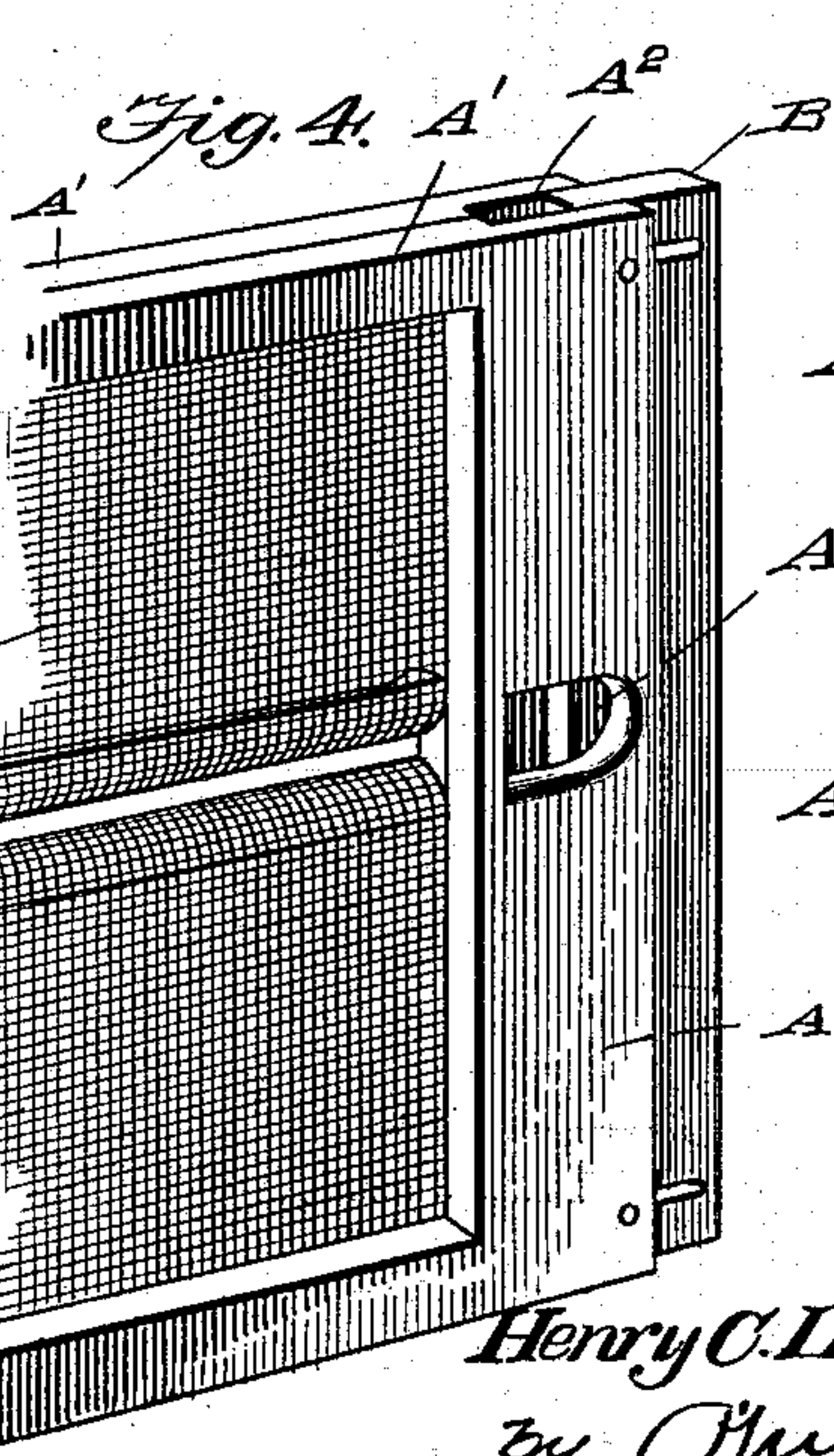
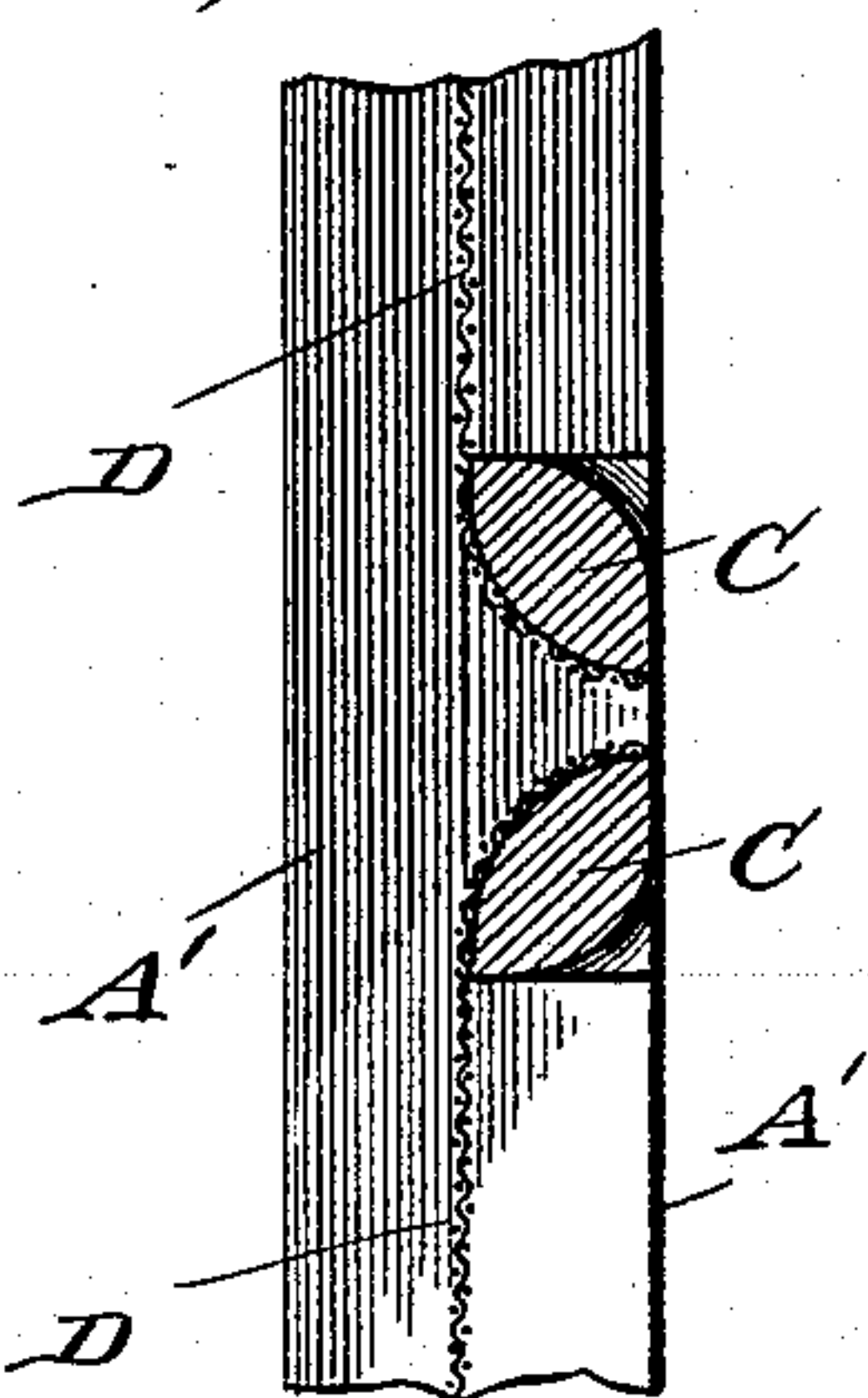
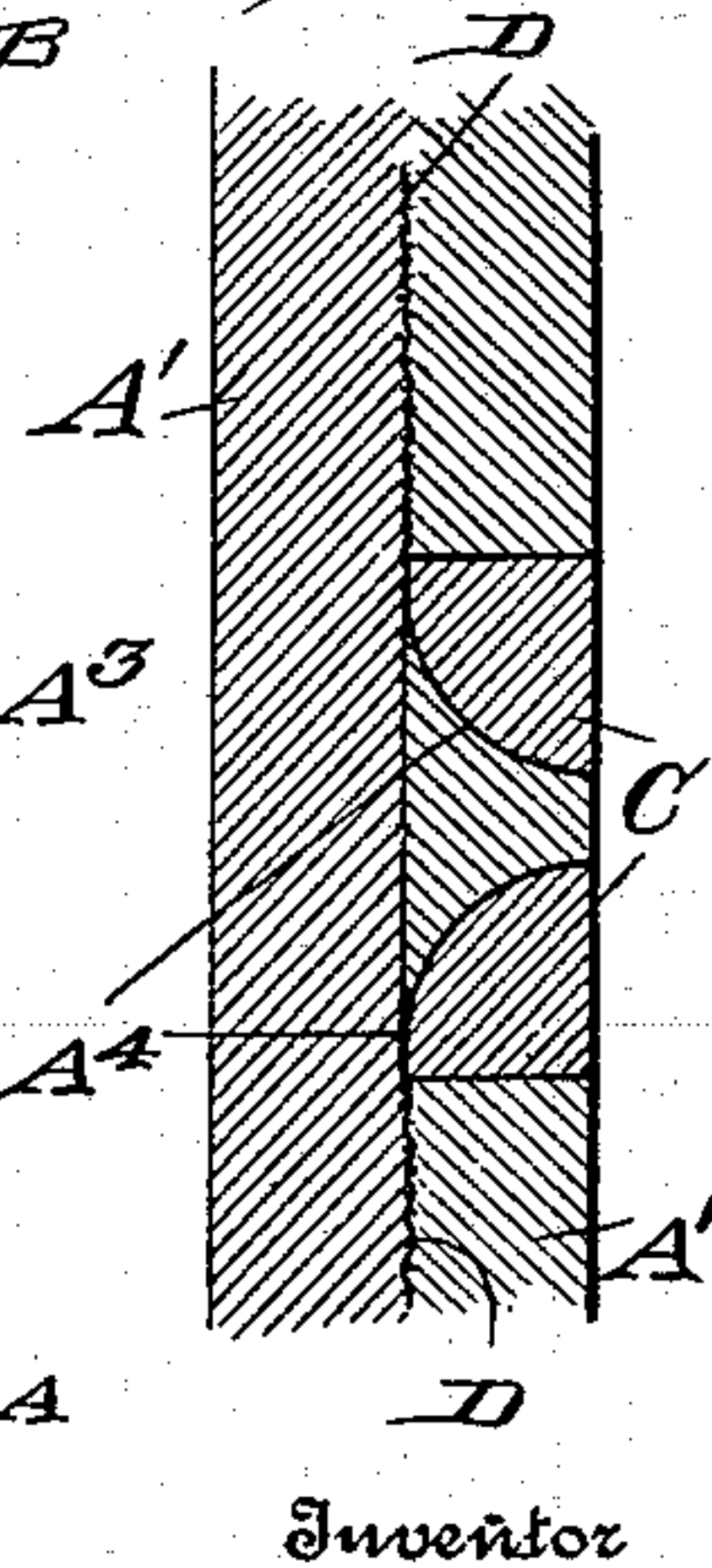


Fig. 5.



Inventor

Witnesses  
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# UNITED STATES PATENT OFFICE.

HENRY C. LOUDERMILCH, OF ENDERS, PENNSYLVANIA, ASSIGNOR OF  
ONE-HALF TO CHARLES G. LENTZ, OF SAME PLACE.

## FLY-SCREEN.

SPECIFICATION forming part of Letters Patent No. 615,289, dated December 6, 1898.

Application filed August 18, 1898. Serial No. 688,917. (No model.)

*To all whom it may concern:*

Be it known that I, HENRY C. LOUDERMILCH, a citizen of the United States, residing at Enders, in the county of Dauphin and State of Pennsylvania, have invented a new and useful Fly-Screen, of which the following is a specification.

This invention relates generally to window-screens, and more particularly to an adjustable screen adapted to fit various sizes of windows.

The prime object of my invention is to provide a screen of this kind embodying an escape whereby the flies can readily escape from the interior, but are prevented from entering from the exterior.

With this object in view my invention consists, essentially, in constructing the screen-frame with two bars or strips which are so shaped and so arranged with reference to each other as to provide a slot extending across the entire frame, which slot is wide upon the interior and narrow at the exterior end, the screen being attached to said bars and frame.

The invention consists also in certain details of construction and novelties of combination, all of which will be fully described hereinafter, and pointed out in the claims.

In the drawings forming a part of this specification, Figure 1 is a view showing the exterior of a screen constructed in accordance with my invention. Fig. 2 is a transverse vertical section of the screen. Fig. 3 is an enlarged section, and Fig. 4 is an enlarged detail view in perspective showing the interior end of the screen. Fig. 5 is a section on line 5 5, Fig. 1.

In constructing a screen in accordance with my invention I employ an open rectangular frame A, which is constructed in two parts A' A', the ends being recessed, as shown at A<sup>2</sup>, to receive the adjustable end pieces B, which are moved in or out to make the screen fit snugly within the window-frame. The inner end pieces of the frame have openings A<sup>3</sup>, through which the finger or thumb can be inserted to adjust the pieces B, said pieces having depressions to receive the thumb or finger. The outer end pieces of the frame are recessed, as shown at A<sup>4</sup>, to receive the ends of the cross-strips C, which extend from one

end of the frame to the other, said strips being curved or beveled upon their inner faces, as most clearly shown in Figs. 2, 3, and 4, whereby an opening is produced, the inner end of which is wide and the outer end contracted or narrow, and this slot or opening extends entirely across the frame.

The wire screen or netting D is fastened to the strips C at one end and fastened between the sections of the frame at the other end, and in this manner the netting or screen is securely fastened. The portion of the end of frame between the recesses serves as a filling-block between the strips and maintains them in their proper positions.

A screen constructed in accordance with my invention can be quickly and easily assembled, and by manipulating the adjustable end pieces can be made to fit different sizes of window-frames.

The strips being shaped and arranged to provide a horizontal slit entirely across the screen, the flies can readily escape therefrom, as the entrance to said escape is wide and the exit narrow, but of sufficient size to permit the escape of the fly. The opening at the rear is of such a character that a fly upon the outside will crawl across it and not into it, whereas it will be impossible to crawl across the opening upon the inner side.

Having thus fully described my invention, what I claim as new, and desire to secure by Letters Patent of the United States, is—

1. A window-screen consisting of a frame, and the strips extending from end to end of said frame, said strips having their inner faces curved or beveled, and the screen or netting secured to the frame and to the strips, substantially as shown and described.

2. A window-screen consisting of a frame, formed of two sections, the strips extending across the frame and shaped to provide a narrow slot or opening, and the wire screen or netting attached to the frame and strips, substantially as shown and described.

HENRY C. LOUDERMILCH.

Witnesses:

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