

C. B. SHELDON.
WINDOW SCREENS.

No. 174,864.

Patented March 14, 1876.

Fig. 1.

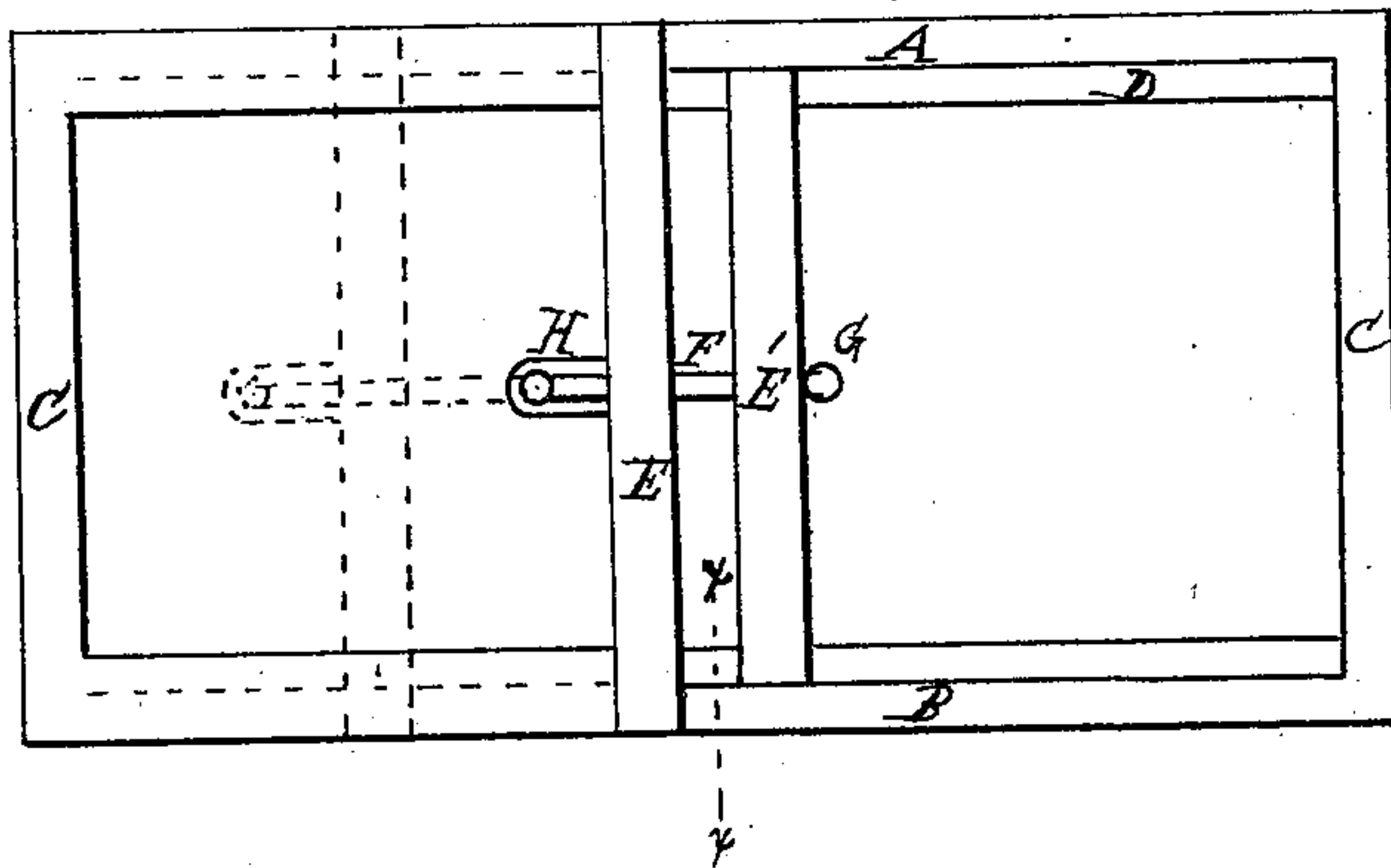


Fig. 2.

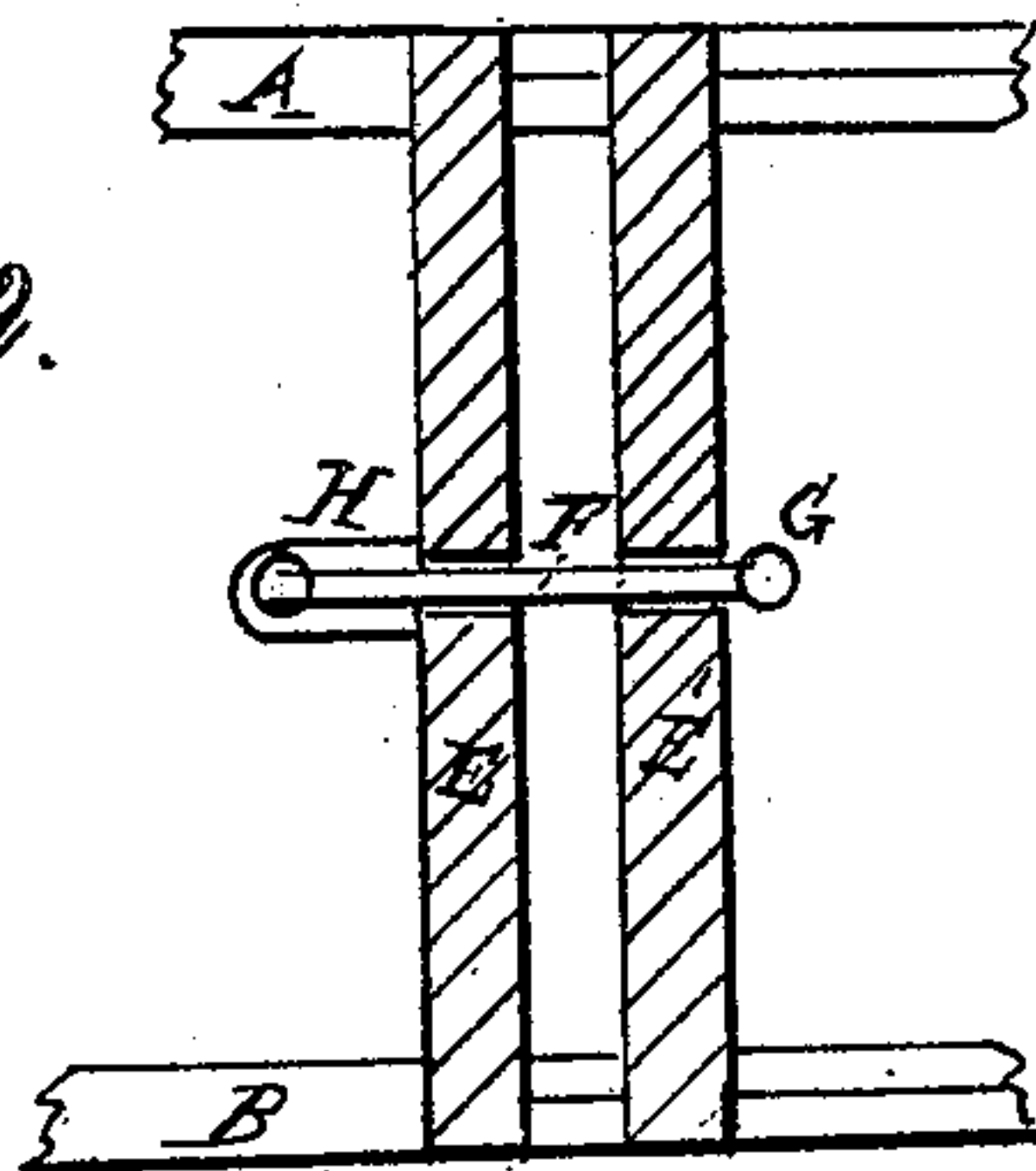
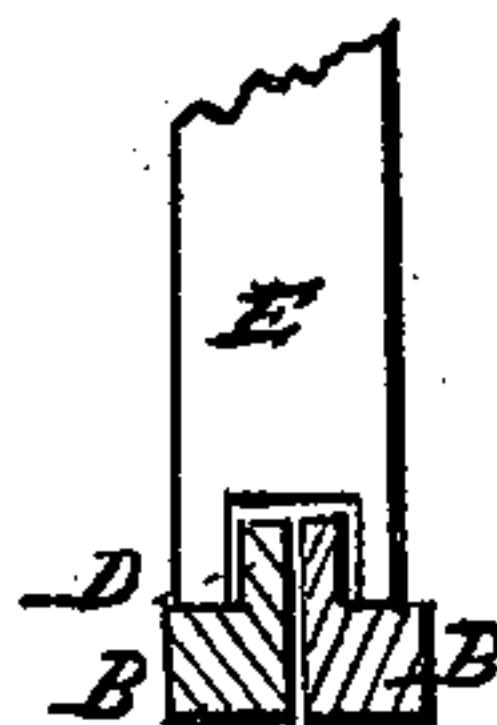


Fig. 3.



WITNESSES:

Geo. W. Rodenok
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INVENTOR:

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UNITED STATES PATENT OFFICE.

CEVEDRA B. SHELDON, OF BROOKLYN, NEW YORK.

IMPROVEMENT IN WINDOW-SCREENS.

Specification forming part of Letters Patent No. **174,864**, dated March 14, 1876; application filed August 27, 1875.

To all whom it may concern:

Be it known that I, CEVEDRA B. SHELDON, of Brooklyn, in the county of Kings and State of New York, have invented a certain new and useful Improvement in Window-Screens, which improvement is fully set forth in the following specification, reference being had to the accompanying drawings.

My improvement relates to a more simple and convenient method of operating window-screens; and it consists in a novel construction of the frame of the screen and its sliding frames, as will be fully hereinafter described, and specifically pointed out in the claim.

In the accompanying drawing, serving to illustrate my improvement, Figure 1 is a plan view of the frame. Fig. 2 is a longitudinal sectional view. Fig. 3 is a sectional view taken through line *x x*, Fig. 1.

A A are the top bars, B B the bottom bars, and C C the side bars, of the frame. The top and bottom bars are rabbeted out, as seen at D D. E E' are upright bars, each end of said bars being recessed or grooved correspondingly, to allow of their adjustment over the rabbeted bars D D, and thus admit of the expansion and contraction of the frame, each portion of which moves independently of the other. F is an elastic band, made of rubber or any other suitable material, which is attached, by means of a knob, head, or pin, G, to the outer side or exterior of the upright bar E', passing through a slot in said bar, and through a corresponding slot in the upright bar E, and is held by a button or equivalent device on the end of the projecting bar H. I do not confine myself to a band of rubber or other elastic material, as I may use, instead, a metallic spring with the same effect.

A frame constructed in this manner is rendered self-adjusting, and is quickly and securely fitted to windows of different widths, and entirely overcomes the objections heretofore existing against window-screens, arising from the fact that often in readjusting them a space is inadvertently left between the frame and the sash of the window for the entrance of mosquitoes, &c. My improvement is intended to obviate this defect.

The frame is contracted and placed within the window, and upon releasing the hold upon the sides it springs out or expands, and adjusts itself to the window-frame.

It will be readily seen that an open space cannot be left at any time, through negligence or otherwise.

When necessary to fold the frame for transportation or packing away, the band or spring can be slipped off of one pin or head and the bars slipped together.

I claim—

A window-screen consisting of the side bars C C, top and bottom bars A and B, rabbeted as at D, the upright bars E E', grooved to fit over the rabbeted top and bottom bars, and elastic band F, attached to the bar E', and to the projecting bar H on the bar E, as and for the object specified.

In witness whereof I have hereunto signed my name in the presence of two subscribing witnesses.

CEVEDRA B. SHELDON.

Witnesses:

GEO. W. RODERICK,
E. D. HAWKINS, Jr.