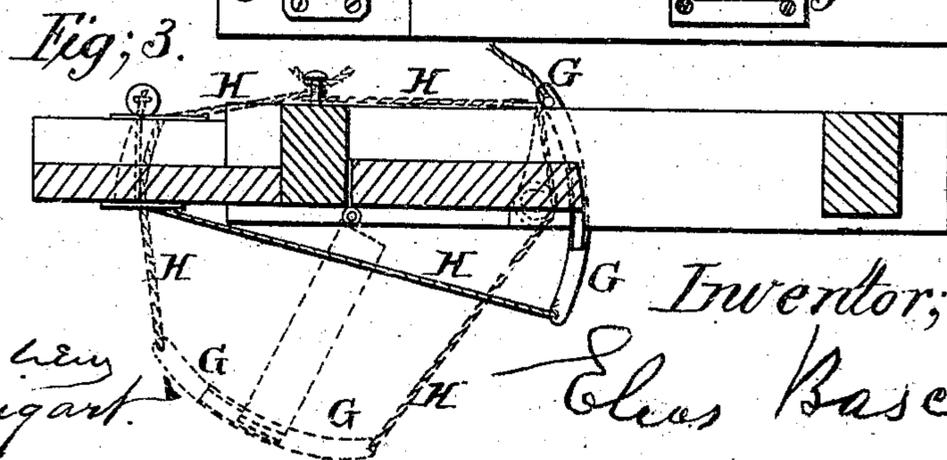
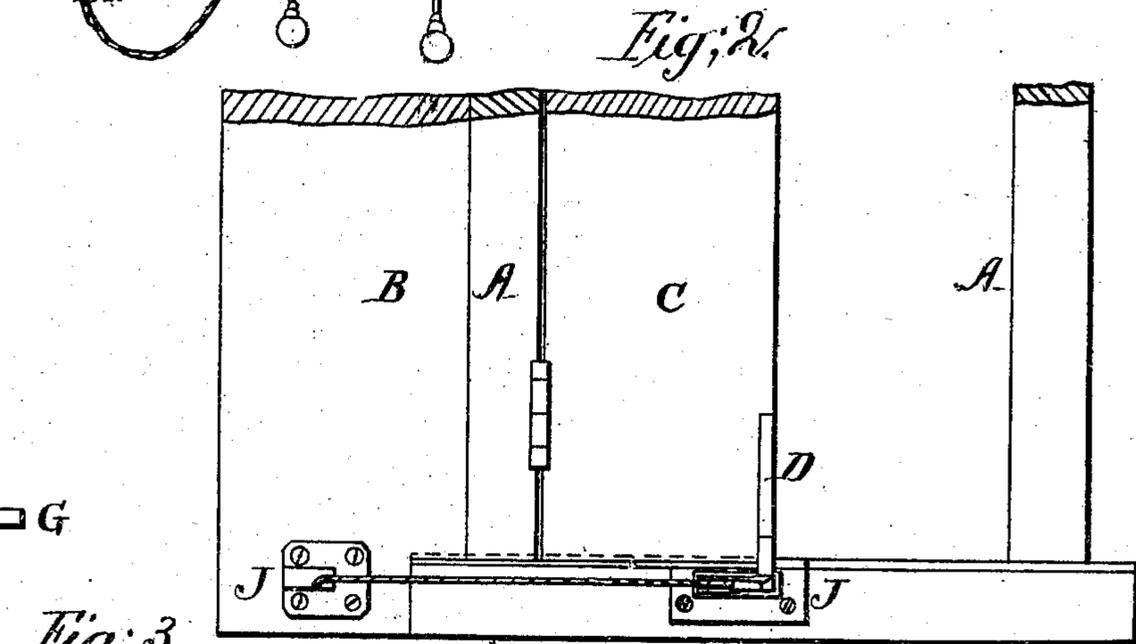
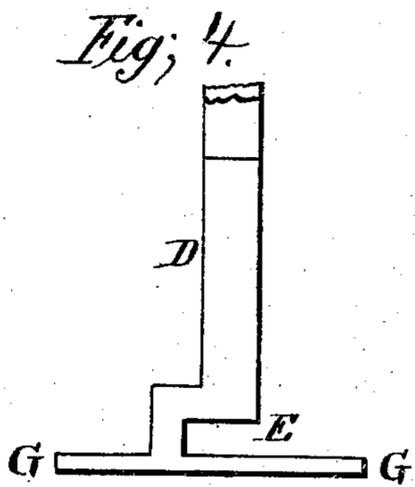
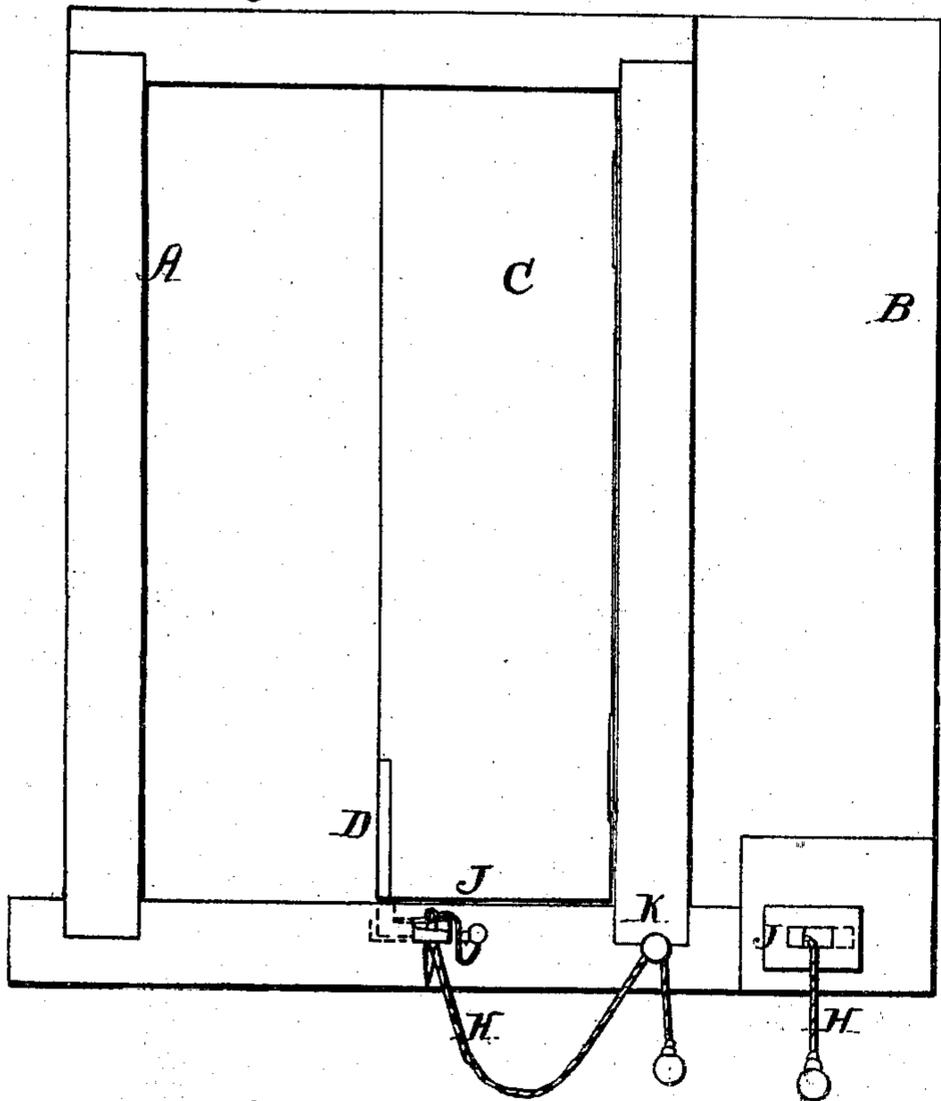


E. Bascom,

Shutter Worker.

Fig; 1. No. 20,630.

Patented Feb. 9. 1869.



Witnesses;
C. D. Murray
J. Franklin Reigart.

Inventor;
Elias Bascom



ELIAS BASCOM, OF NEW YORK, N. Y.

Letters Patent No. 86,630, dated February 9, 1869.

IMPROVEMENT IN DEVICE FOR OPENING AND CLOSING WINDOW-BLINDS.

The Schedule referred to in these Letters Patent and making part of the same.

To all whom it may concern :

Be it known that I, ELIAS BASCOM, of the city of New York, and State of New York, have invented a new and improved Mode of "Opening, Closing, and Fastening Window-Shutters;" and I do hereby declare the following to be an exact description thereof, reference being had to the accompanying drawings, and to the letters of reference marked thereon, making a part of this specification, in which—

Figure 1 represents a full inside view of the window-frame and shutter closed, with the devices for opening and closing the shutter.

Figure 2, an outside view of the same.

Figure 3, a top view of the same.

Figure 4 shows the shape of the arm or T that is attached, either to the top or bottom front corner of the shutter, as a leverage for the cords, to open and close the shutter.

The nature of my invention consists in the shape and construction of the T-shaped lever, made of metal, and permanently fastened at the upper or lower outer corner of a blind or shutter, projecting from three to twelve inches, at right angles with the face of the shutter, and slightly curving from the shutter to the extremity of each arm, the leg or centre-piece being flat, and fastened firmly to and flush with the edge of the shutter.

Cords are attached to each end of the arms to open, close, fasten, and hold the shutter at any angle.

The object of my invention is to open, close, fasten, and hold the shutter at any angle, by means of the

cords, operated on the inside of the window, in-doors, without raising the sash.

A represents the window-frame.

B, the wall of the house.

C, the blind or shutter.

D, the metallic T-shaped device, permanently fastened on the upper or lower corner of the shutter, having an offset, E, to project beyond the shutter, and arms, G G, extending to each side, to the ends of which cords or wires H are attached, leading through apertures J J, (to the inside,) that are constructed with or without pulleys, in the frame of the window or wall of the house, with buttons or tassels on the inside, attached to the cords, by means of which the shutter is opened, closed, or fastened back, or held securely at any angle, according to the distance that either cord is drawn in to the inside.

The arms G G and cords H H operate in the apertures J J.

The knob K is intended to secure the cords H.

What I claim as my invention, and desire to secure by Letters Patent, is—

The T-shaped device D, E, and G, when constructed and attached to a shutter, and operated by the cords or wires H, as herein described, and for the purposes set forth.

ELIAS BASCOM.

Witnesses:

E. D. MAYHEW,

J. FRANKLIN REIGART.