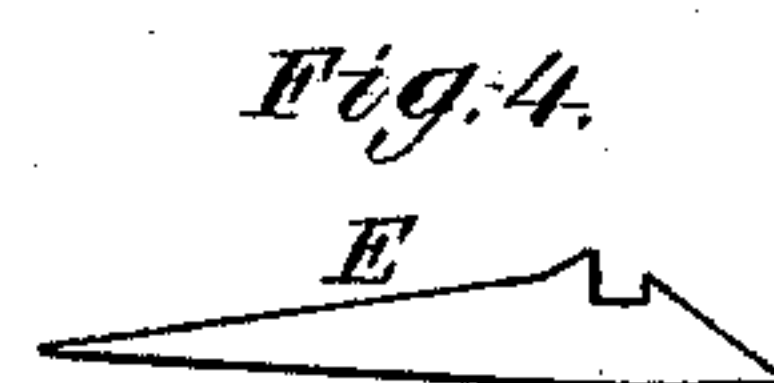
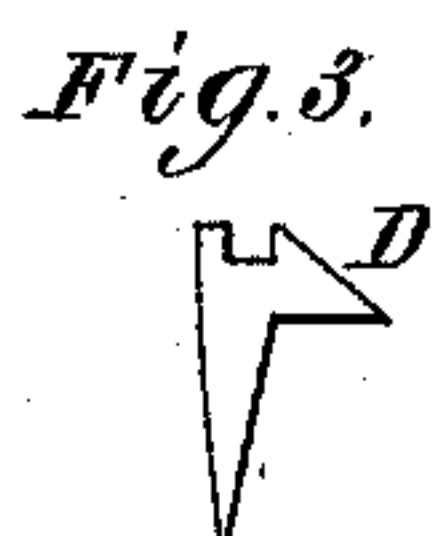
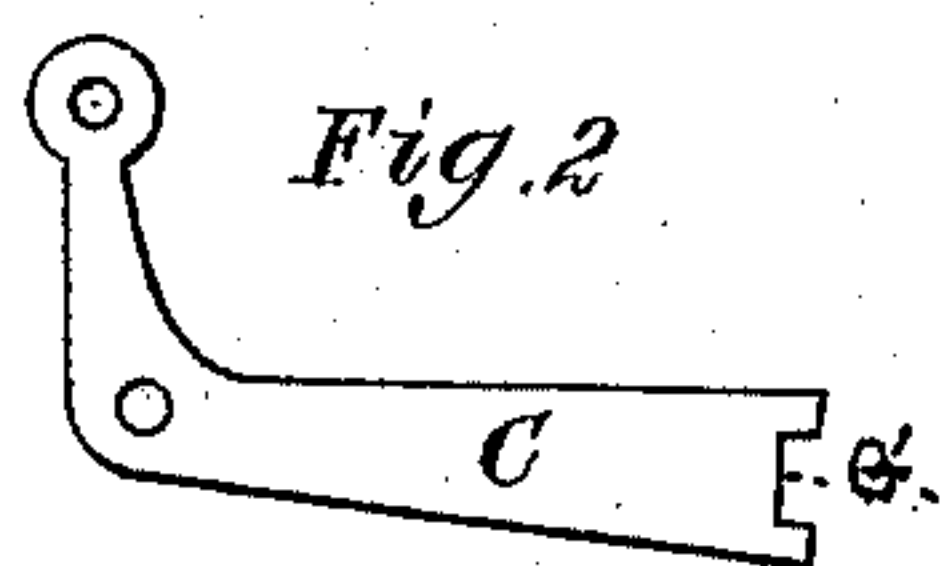
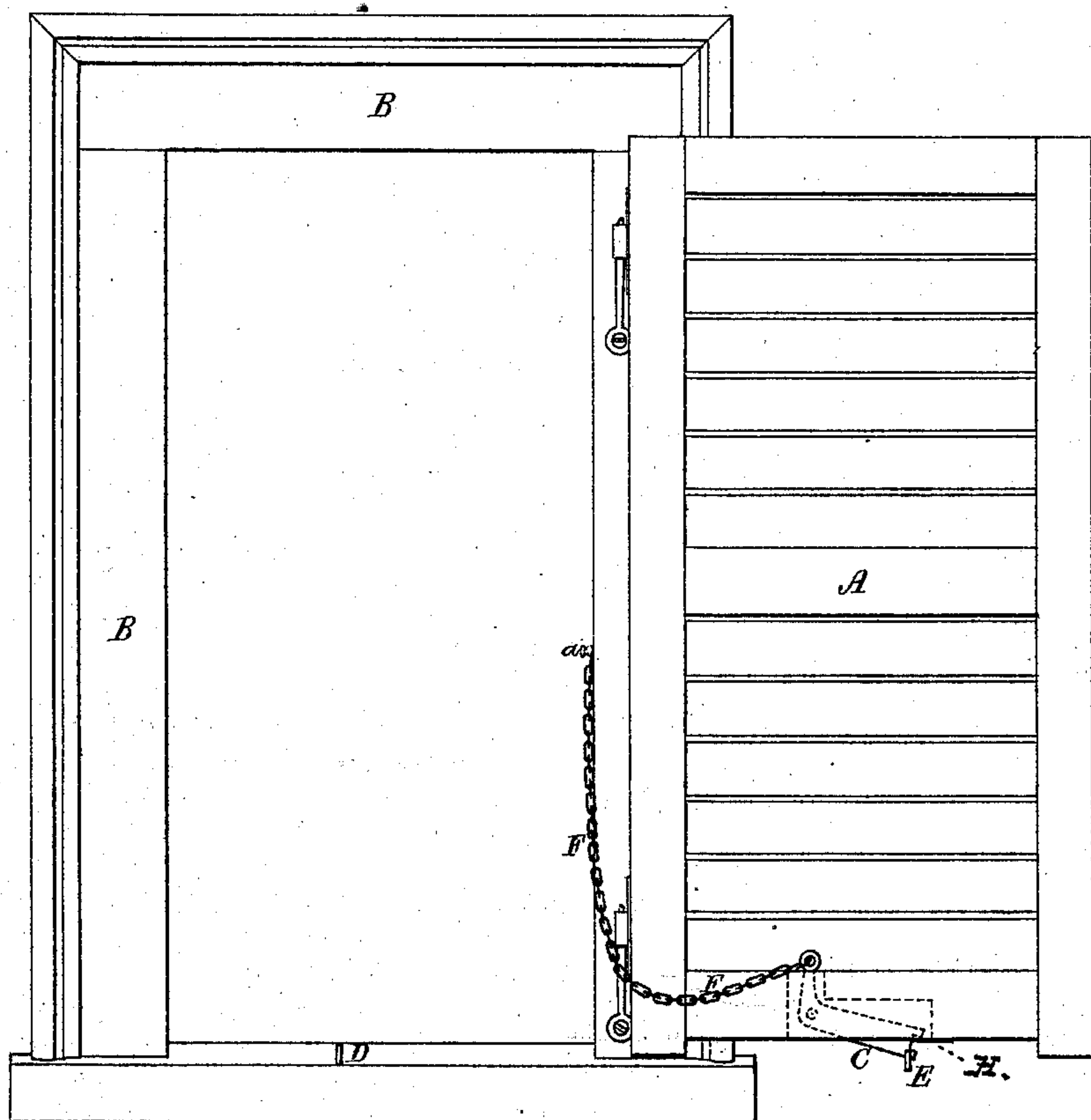


J. P. BUSH.
Shutter Fastenings.

No. 143,805.

Patented Oct. 21, 1873.

Fig. 1.



Witnesses.

S. W. Piper

L. W. Keller

James P. Bush.

by his attorney

R. H. Eddy

UNITED STATES PATENT OFFICE.

JAMES P. BUSH, OF BOSTON, MASSACHUSETTS.

IMPROVEMENT IN SHUTTER-FASTENINGS.

Specification forming part of Letters Patent No. **143,805**, dated October 21, 1873; application filed August 18, 1873.

To all whom it may concern:

Be it known that I, JAMES P. BUSH, of Boston, of the county of Suffolk and State of Massachusetts, have invented a new and useful Improvement in Blind or Shutter Fastenings; and do hereby declare the same to be fully described in the following specification and represented in the accompanying drawings, of which—

Figure 1 is a front elevation of a window-frame and blind provided with my invention, the blind being shown as open. Fig. 2 is a side view of the gravitating latch of such blind. Fig. 3 is a side view of the front catch, and Fig. 4 a side view of the back catch, of the blind.

In carrying out my invention I so arrange and combine a chain with the window-frame, the blind, the gravitating latch, and the fore and back catches of such latch, as not only to enable, by a pull on the chain, the latch, when the blind is closed, to be thrown out of engagement with the fore catch, but when the blind is open to unlatch it and move the blind so as to close it.

In Fig. 1 of the drawings, A denotes the blind as open; B, the window-frame; C, the gravitating-lever latch, pivoted within the blind; D, the fore catch, fixed on the window-sill; and E, the back catch, fixed in the building, all being arranged and made as shown. To the lesser arm of the gravitating-lever latch C, I affix one end of a chain, F, such chain be-

ing suspended from a pin or knob, *a*, or other proper device, fixed in the window-frame at the inner edge thereof. The lower end of the elbow-lever catch C has in it a slot or recess, G, to receive a stop-plate, H, arranged on and fixed to the lower edge of the blind or shutter. This stop-plate and the prongs of the end of the catch C answer as stops to limit the upward and downward movements of the catch-lever.

When the blind is open and latched back against the side of the building, by taking hold of the chain and pulling on it a person may not only move the latch so as to disengage it from the back catch, but pull the blind around so as to close it and latch it to the fore catch fixed in the window-sill, thereby saving all necessity of reaching out of the window and taking hold of the latch in order to effect the unlatching of it and the closing of the blind.

What I claim as my invention, is—

The elbow-lever C, provided with the operative chain F, and pivoted within a recess in the lower stile or part of the blind, and having a slot, G, in its lower end, in combination with the stop-plate H and the two catches D E, arranged in manner as specified, all being to operate as explained.

JAMES P. BUSH.

Witnesses:

R. H. EDDY,
J. R. SNOW.