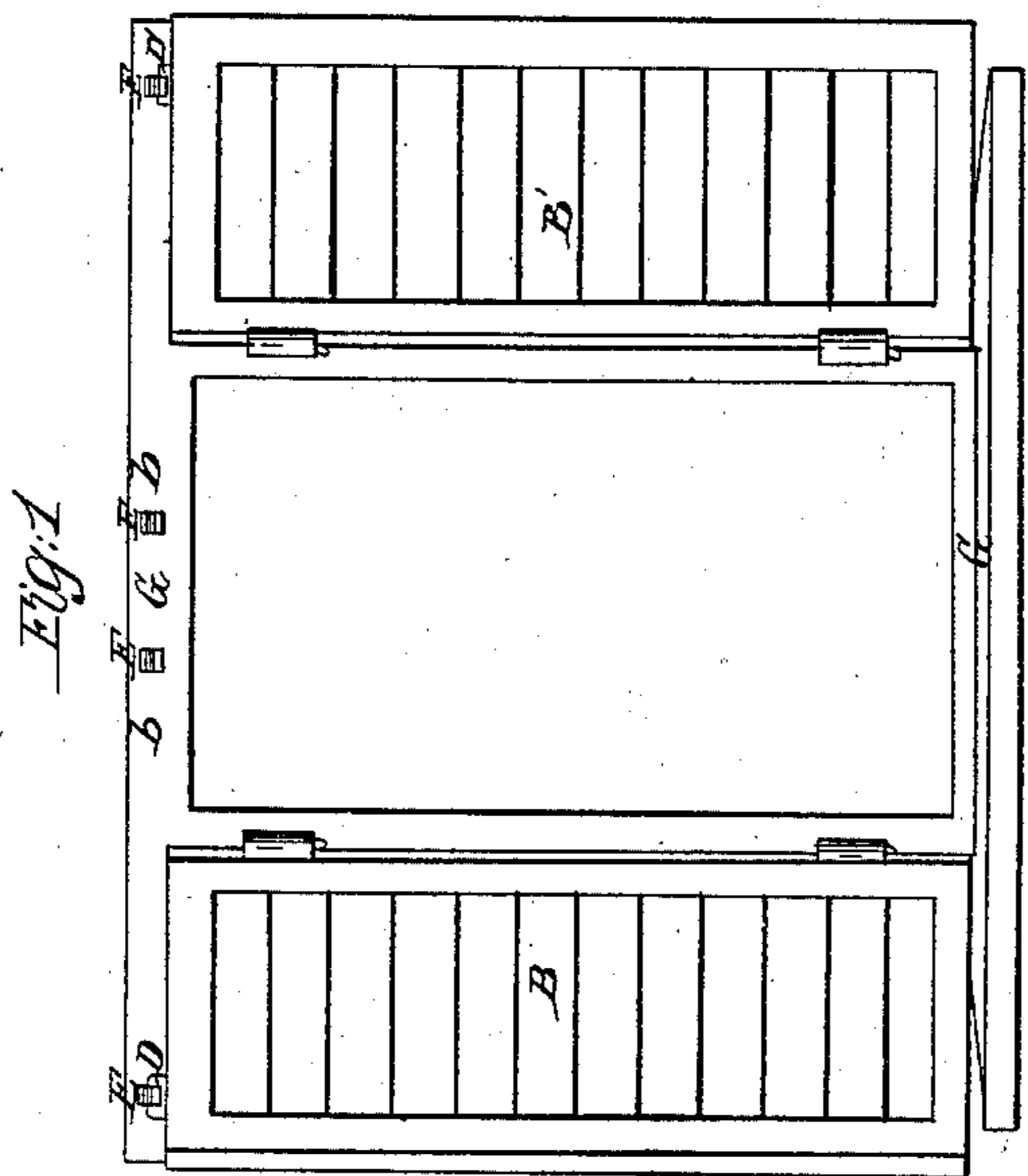
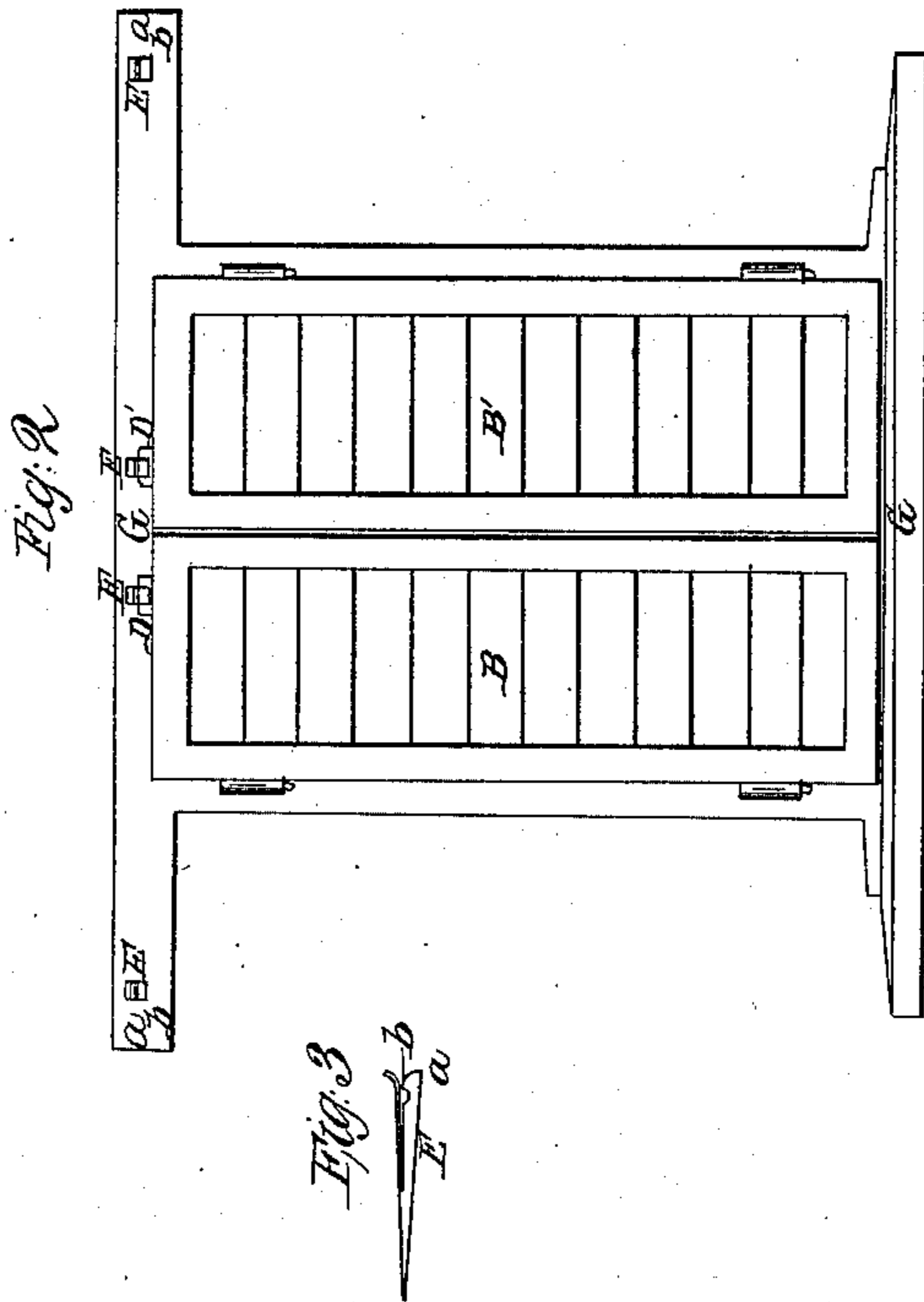


E. R. Chandler,

Shutter Fastener.

N^o 33,236.

Patented Sep. 10, 1861.



Witnesses:
J. P. Hale Jr
J. R. Bampton

Inventor:
Edward R. Chandler

UNITED STATES PATENT OFFICE.

EDWARD R. CHANDLER, OF CAMBRIDGEPORT, MASSACHUSETTS.

BLIND-FASTENER.

Specification forming part of Letters Patent No. 33,236, dated September 10, 1861.

To all whom it may concern:

Be it known that I, EDWARD R. CHANDLER, of Cambridgeport, in the county of Middlesex and State of Massachusetts, have invented a new and useful Improvement in Blind-Fasteners; and I do hereby declare the same to be fully described in the following specification and represented in the accompanying drawings, of which—

Figure 1 represents a front view of a window-frame and blinds having my invention applied thereto, the blinds being shown as open and fastened back. Fig. 2 is a front view of said frame and blinds and shows the blinds as closed. Fig. 3 is a side view of one of the catches.

The nature of the said invention consists in a peculiar construction of the blind-catches and their arrangement with respect to the window-frame and the blinds and so as to operate in conjunction with the staples, arranged as will be hereinafter set forth.

It is a fact well known to house-carpenters and others that a simple, efficient, and durable apparatus for operating blinds or shutters for houses is a desideratum which has long existed. The object of my invention is to supply this want.

Heretofore all or nearly all of the devices for confining blinds of houses either in an open or closed state have been applied to the lower bar of the blinds and to the window-frame or building in a line nearly horizontal to the lower edge of the blind when opened. This arrangement of the catching apparatus has several serious defects. In the first place, either the loops or their catches had to be arranged on the lower part of the window-frame, and were very much in the way when opening or closing the blinds, and when closed were found very difficult to open, and also when they are in the act of being opened they involved the necessity of a person reaching out of the window and securing the catch to the loop, which in stormy weather is very unpleasant, and besides they afforded no security to the blind in case one of its hinges

became broken. My invention obviates these defects.

In the drawings, G denotes the window-frame.

B B' are the blinds as applied to the frame in the ordinary manner.

D D' are the staples or loops, which are applied to the top parts of the blinds, as seen in Figs. 1 and 2.

E E E E are four spring-catches, which are constructed of metal and of the form as shown in Fig. 3. These catches I arrange in the window-frame or in the frame and building in a horizontal line just above the part of motion of the upper part of the blinds. The said catches are bifurcated, as seen in Fig. 3, and each has an angle or opening *b* in its front end, as shown in such figure, the same being to allow the loops D D' to enter the notches *a a* formed in the catches.

My peculiar construction and arrangement of the catches and staples possesses several important advantages. In the first place, the blinds, when in a closed state, can be unlocked, opened, and locked back by simply pushing against the inside of the blind; second, when locked together in a closed or opened state should one of the hinges of the blind become broken the blind being held by the catch at the top of the frame could not be blown off and broken, as would be the case were it fastened at the bottom thereof in the usual way. In the third place, it is not only simple in construction, but very efficient and little liable to get out of order, and in the fourth place it can be made for about one-half the price of the ordinary blind-fastener.

Having described my invention, what I claim is—

The arrangement of the catches E E E E and the loops or staples D D' with respect to the window-frame G and blinds B B', and so as to operate together in manner as set forth.

EDWARD R. CHANDLER.

Witnesses:

J. R. BAMPTON,
F. P. HALE, Jr.