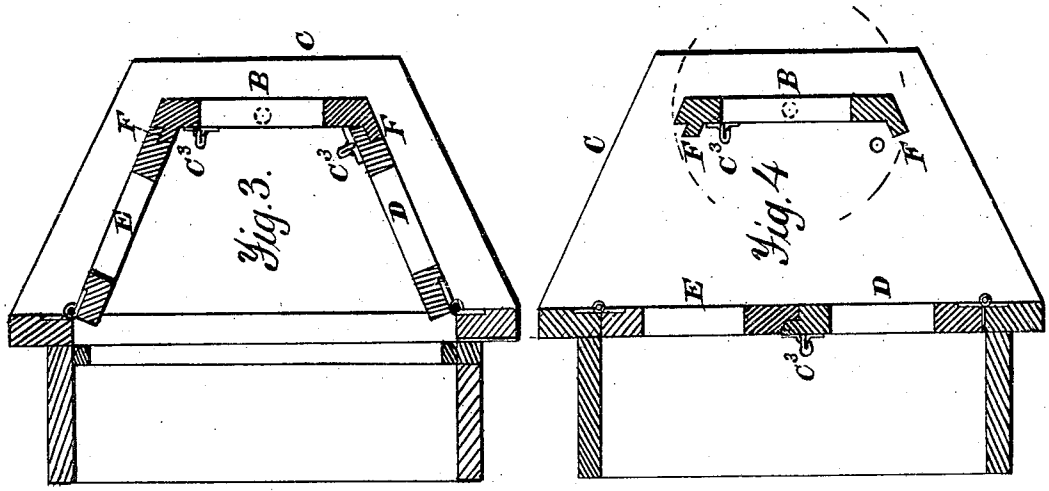
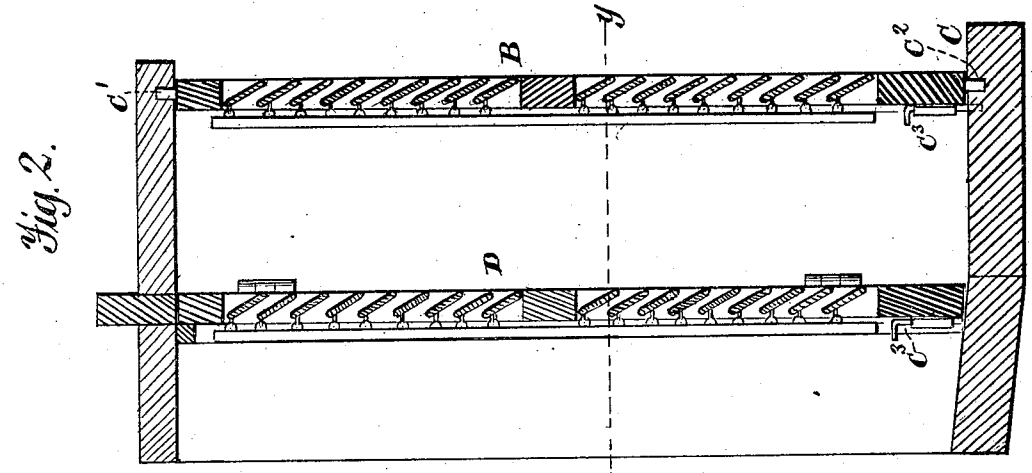
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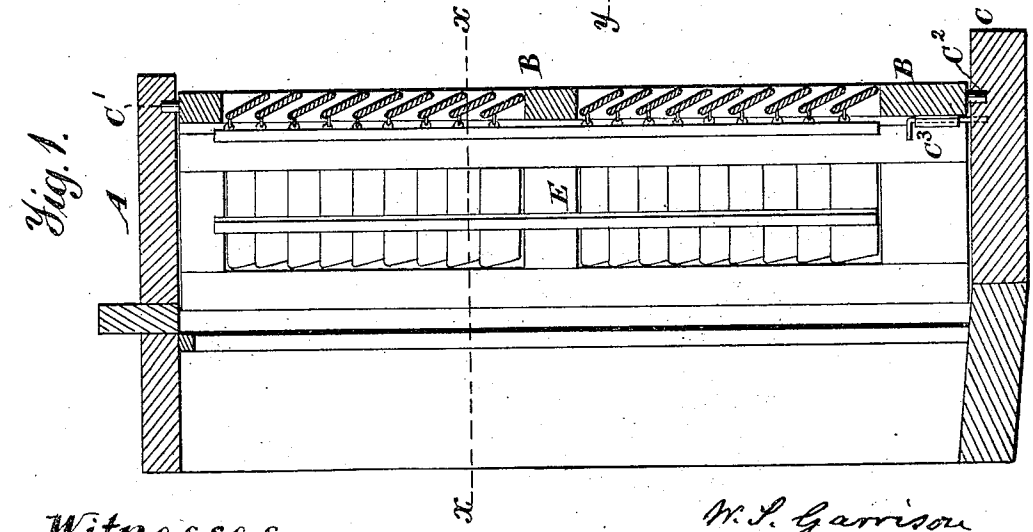
W. S. GARRISON.

Bay Window.

No. 238,381. Patented March 1, 1881.







Witnesses
A. Ruppert.
C. M. Connell

W. S. Garrison
Inventor.
Holloway & Blanchard
Attorneys

N. PETERS, PHOTO-LITHOGRAPHER, WASHINGTON, D. C.

UNITED STATES PATENT OFFICE.

WILLIS S. GARRISON, OF LAPORTE CITY, IOWA.

BAY-WINDOW.

SPECIFICATION forming part of Letters Patent No. 238,381, dated March 1, 1881.

Application filed December 13, 1880. (No model.)

To all whom it may concern:

Be it known that I, WILLIS S. GARRISON, a citizen of the United States, residing at Laporte City, in the county of Black Hawk, and State of Iowa, have invented certain new and useful Improvements in Bay-Windows; and I do hereby declare the following to be a full, clear, and exact description of the invention, such as will enable others skilled in the art to which it appertains to make and use the same, reference being had to the accompanying drawings, and to letters or figures of reference marked thereon, which form a part of this specification.

My invention relates to improvements in bay-windows; and the objects of my improvements are, first, to produce a structure having all the appearances of such a window without the use of side windows, blinds only being used for giving the requisite appearance to the structure; and, second, to provide the required combination of parts for producing the results desired. I attain these objects by the devices and combinations illustrated in the accompanying drawings.

Figure 1 is a central vertical section, showing the blinds placed in such a position as to form a bay-window. Fig. 2 is also a vertical section, showing the side blinds closed so as to cover the flat or ordinary window. Fig. 3 is a transverse section on line *x x* of Fig. 1, showing the blinds in a position to form a bay-window; and Fig. 4 is a sectional view on line *y y* of Fig. 2, showing the blinds as closed upon an ordinary window.

Similar letters refer to similar parts throughout the several views.

In constructing windows of this character, and for the purpose of giving an ordinary window the appearance of a bay-window by the addition of one extra blind, there is attached to an ordinary window-frame, or to a frame made with especial reference to the reception of my improvements, at its upper end, a projection, A, which is of sufficient width to admit of its receiving the journal of a blind or section of a blind, B, the lower end of which is journaled in a projection, C, extending outward from the lower end of the window-frame or from a level with the lower portion of the window. The blind or section B is so constructed and arranged as to permit it to turn upon its journals C' and C^2, and has its lower end provided with a locking-bolt, C^3, for locking it in its proper position upon the projection C. The blind or section is to be made of any approved style, but by preference so as to have its slats turn in the usual manner, in order that air may be permitted to circulate freely through it, and at the same time so that the sun's rays may be excluded from the room.

It is designed to apply this improvement to windows of buildings already erected, as well as to those in course of construction. When it is to be applied to windows as ordinarily constructed it is only necessary to provide and arrange the parts A, B, and C as herein described, the portions of the blinds designated by the letters D and E being such as are commonly used with ordinary windows, and hinged to the frame in the usual or any approved manner.

When it becomes desirable to convert this form of window into a bay-window, or into a structure having the appearance of such a window, it is only necessary to place the blind or section B in the position shown in Figs. 3 and 4 and lock it in said position, when, by placing the blinds D and E in the positions shown in Fig. 3, the structure will present the appearance of a bay-window, it being entered from the room by raising or opening the window leading to it.

It will be observed that the section B of the blind has projecting ribs F attached to it, which form jambs against which the parts D and E rest when forming a part of the structure, these last parts being provided with locks for locking them in position. It will also be seen that, when desirable, the portions of the blinds lettered D and E can be used in the usual manner.

This method of constructing a bay-window, or a structure resembling in appearance such window, enables the parties desiring to have it to avail themselves of its use at a small expense, and at the same time derive during all of the warm season the full benefit of a more costly structure.

When it is desirable to attach the structure

to an upper window it can be done by giving the proper support to the projection C, such support being necessary also when it is attached to a lower window.

Having thus described my invention, what I claim, and desire to secure by Letters Patent, is—

1. The combination of the blinds, or sections of a blind, designated by the letters B, D, and E, and the projecting floor C, the portion B being pivoted so as to be easily turned upon its journals, the arrangement of the parts with reference to each other being substantially such as is herein described, whereby they may be converted into a bay-window and the parts D and E be made to serve as blinds for an ordinary window, substantially as set forth.

2. The combination of the projections A C, the pivoted blind B, and the swinging blinds D and E with the frame of a window, substantially as set forth.

In testimony whereof I affix my signature in presence of two witnesses.

WILLIS S. GARRISON.

Witnesses:
H. H. PIERSOL,
WM. CHAPPLE.