

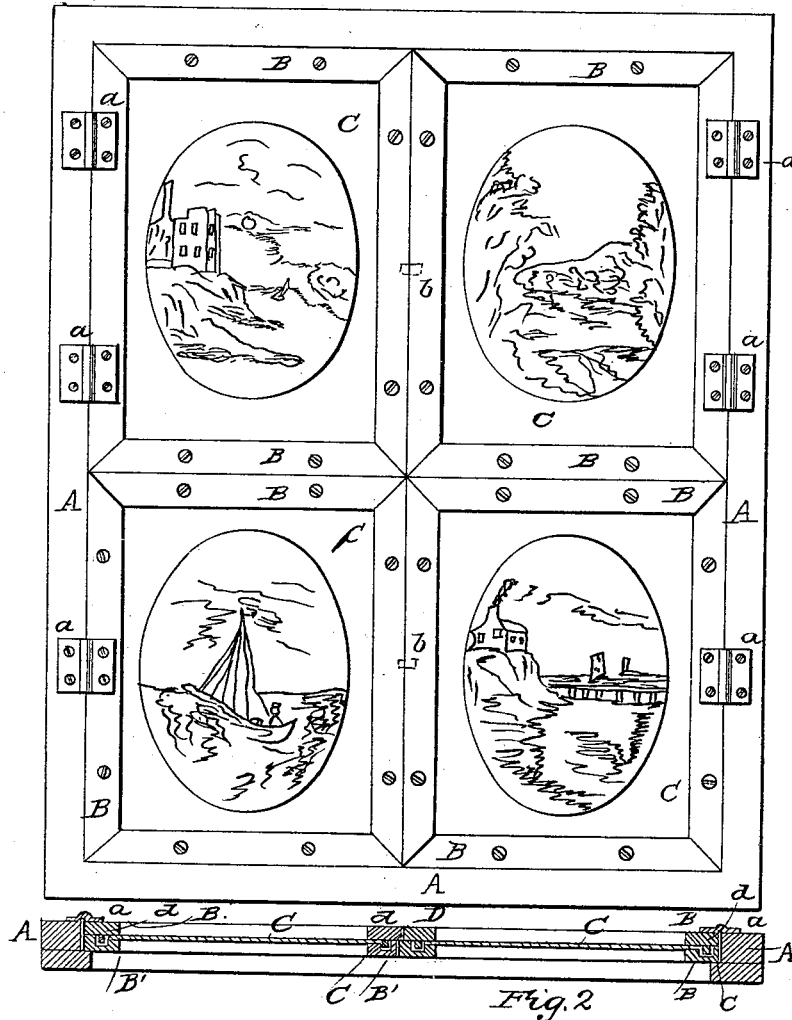
OLSAVER & ELLIOTT.

Enameled Blind for Windows, &c.

No. 51,345.

Patented Dec. 5, 1865.

Fig. 1



Witnesses
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UNITED STATES PATENT OFFICE.

THOMAS J. OLSAVER AND WILLIAM P. ELLIOTT, OF AURORA, ILLINOIS.

IMPROVEMENT IN ENAMELED BLINDS FOR WINDOWS, &c.

Specification forming part of Letters Patent No. 51,345, dated December 5, 1865.

To all whom it may concern:

Be it known that we, THOMAS J. OLSAVER and WILLIAM P. ELLIOTT, of Aurora, in the county of Kane and State of Illinois, have invented a new and useful Improvement in Inside Window-Blinds; and we do hereby declare that the following is a full, clear, and exact description of the same, making reference to the accompanying drawings, and to the letters and figures marked thereon, which form part of this specification.

The nature of our said invention consists in constructing inside blinds for windows of paper or cloth, prepared or painted in any suitable manner, fastened upon or in suitable panels or frames, which are hinged together and to the window-casing in the manner of ordinary inside blinds, so that any part or section of the blind may be opened at pleasure without opening the entire blind. Blinds may thus be constructed very cheaply, bringing them within the means of all, while at the same time they admit of the highest ornamentation whenever the tastes or means of the possessor require an elegant and expensive blind.

To enable those skilled in the art to understand how to construct and practice our invention, we will proceed to describe the same with particularity, making reference in so doing to the aforesaid drawings, in which—

Figure 1 represents a side elevation of our invention, and Fig. 2 a transverse section of one of the panels.

Similar letters of reference in the different figures denote the same parts of our invention.

A represents the casing of a window with our invention attached, B representing the frames, four in number, upon or in which the cloth or paper blinds (marked C) are arranged and secured, as hereinafter specified.

Each of the four panels or frames B is hinged to the casing of the window by the hinges *a*, as shown, while the opposite edges of the frames may be held in place when closed by means of buttons *b*, or any other equivalent device.

The frames B are constructed in two parts, as shown in Fig. 2, where the parts are marked B and B', respectively.

It will be observed that upon the inner face of one part of the frame there is a groove running around the frame, while upon the inner face of the corresponding part of the frame there is a tongue or projection, which fits into the aforesaid groove when the two parts are screwed together.

The paper, cloth, or other material of which the blinds are made is first enameled or prepared in the following manner: The material is first sized with a preparation compounded of the following ingredients in the proportion specified, to wit: three ounces of glue, one ounce of isinglass, one ounce of the sulphate of zinc, with just enough Spanish whiting or dry lead to color the sizing, which renders the paper or cloth transparent. Then for fine work the colors are put on in oil, though for cheap blinds the colors may be mixed with the sizing, and when dry a coat of common varnish may be applied.

A very extra varnish, which is very hard without liability to crack, to be used in preparing a very elegant and expensive blind, as any views or landscapes may be painted in any style upon the panels, according to the taste and means of the owner, may be made as follows: three ounces of gum-sandarac and two ounces of white wax dissolved in turpentine mixed with one pint of copal-varnish, one-half pint of linseed-oil, and one-half pint of turpentine.

When the panels are thus prepared or enameled they are stretched upon and over one part of the frames, when the other part is applied, and the two parts are screwed firmly together, the projection *d* forcing the cloth of the panel into the groove *c*.

In the drawings the window is represented as having the blind in only four panels; but each panel, as shown, might be subdivided and hinged together to any extent desired.

Similar blinds may be arranged for railroad-cars by attaching the enameled material to sliding frames adapted to that purpose.

Should the panels become soiled they may readily be removed and cleaned by taking the frames apart, as aforesaid.

Having described our invention, we will specify what we claim and desire to secure by Letters Patent:

Constructing inside window-blinds of framed panels of enameled cloth, paper, or other similar material, prepared as described or otherwise, arranged and operating substantially as specified and shown.

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WM. P. ELLIOTT.

Witnesses:

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