ELIZABETH BALMFORTH.

Portable Balconies.

No. 133,962. Patented Dec. 17, 1872.

Fig. 1.

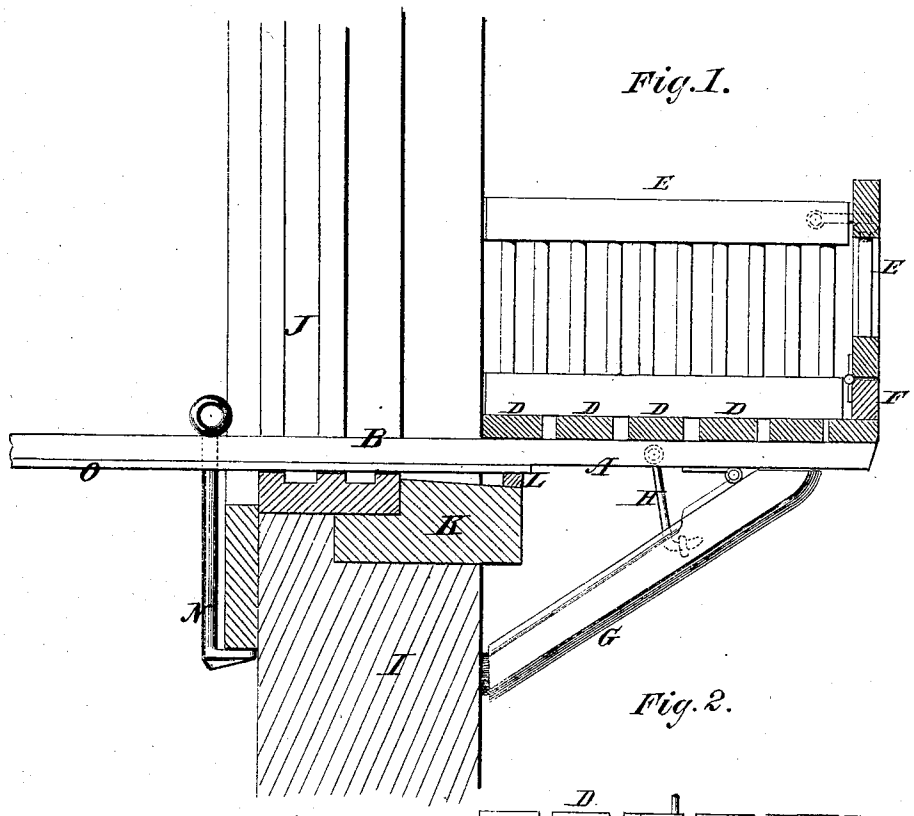
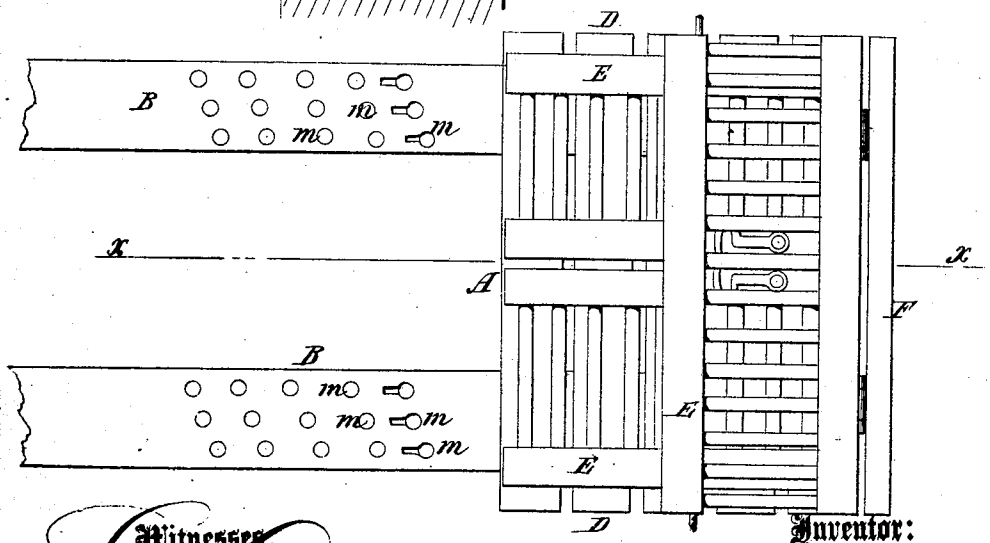


Fig. 2.



Witnesses.

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AM. PHOTO-LITHOGRAPHIC CO. N.Y. (OSBORNE'S PROCESS.)

UNITED STATES PATENT OFFICE.

ELIZABETH BALMFORTH, OF DANBURY, CONNECTICUT.

IMPROVEMENT IN PORTABLE BALCONIES.

Specification forming part of Letters Patent No. **133,962**, dated December 17, 1872.

To all whom it may concern:

Be it known that I, ELIZABETH BALMFORTH, of Danbury, in the county of Fairfield and State of Connecticut, have invented a new and Improved Portable Balcony, of which the following is a specification:

The invention consists in the peculiar construction of my portable balcony; in providing it with a folding and hinged railing; and in applying rubber ends to the braces, all as hereinafter fully described and subsequently pointed out in the claims.

In the accompanying drawing, Figure 1 represents a vertical section of the balcony arranged as when in use, taken on the line *x x* of Fig. 2; and Fig. 2 is a top view.

Similar letters of reference indicate corresponding parts.

A is the platform, consisting of two stringers, B B, connected together by the floor C, preferably made of slats D, as seen in the drawing. On this floor is a railing, E, in three sections, so as to inclose the front and ends of the floor. The end sections are hinged to the floor, so that they may be folded down onto the floor when the balcony is not in use. The front section is hinged to a base-piece, F, which raises it so that it folds down onto the end sections, as seen in Fig. 2. When the balcony is in use, the sections of the railing are confined together by hooks, as represented. G represents the braces, one beneath each stringer B, hinged thereto, and held in position by hooks H. I represents the wall of the building, J the window, and K the window-sill. The platform is placed on the bottom casing of the window, and supported on the outer edge of the sill by means of small blocks, or a strip of wood, L, laid loosely on the sill. The stringers extend inside and are provided with a series of holes, *m*, by means of which the platform is adjusted to walls of different thickness. N represents a hook or hook pin through each stringer, by means of which the stringer may be secured on the inside. When the weight on the balcony is on the extreme front the hook may be used. Ordinarily a simple pin through the holes *m* will be found sufficient. The foot of each brace is shod with rubber, gutta-percha, or similar material, P, to add to their adhesiveness on the wall.

This balcony will be found safe and extremely convenient for washing, repairing, and painting windows or other purposes.

When not in use, the railing and braces are folded down, and it is laid away for future use. The stringers B B are strengthened by plates of iron marked O, as seen in Fig. 1.

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

1. A portable balcony, consisting of the stringers B B, floor C, braces G, and railing E, arranged substantially as shown and described, for the purposes set forth.

2. The hinged and folding railing E, in combination with a portable balcony, as described.

3. The rubber P on the end of a brace of a portable balcony, as and for the purposes described.

ELIZABETH BALMFORTH.

Witnesses:

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