

H. H. DeWOLF.
Portable Balcony.

No. 223,638.

Patented Jan. 20, 1880.

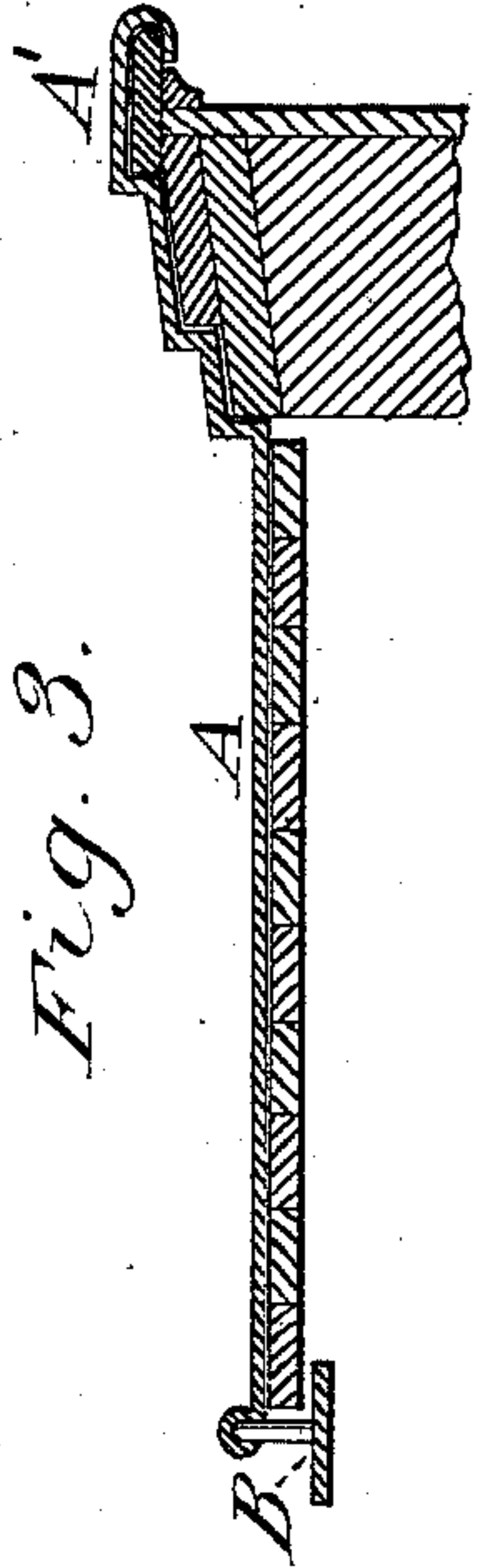


Fig. 3.

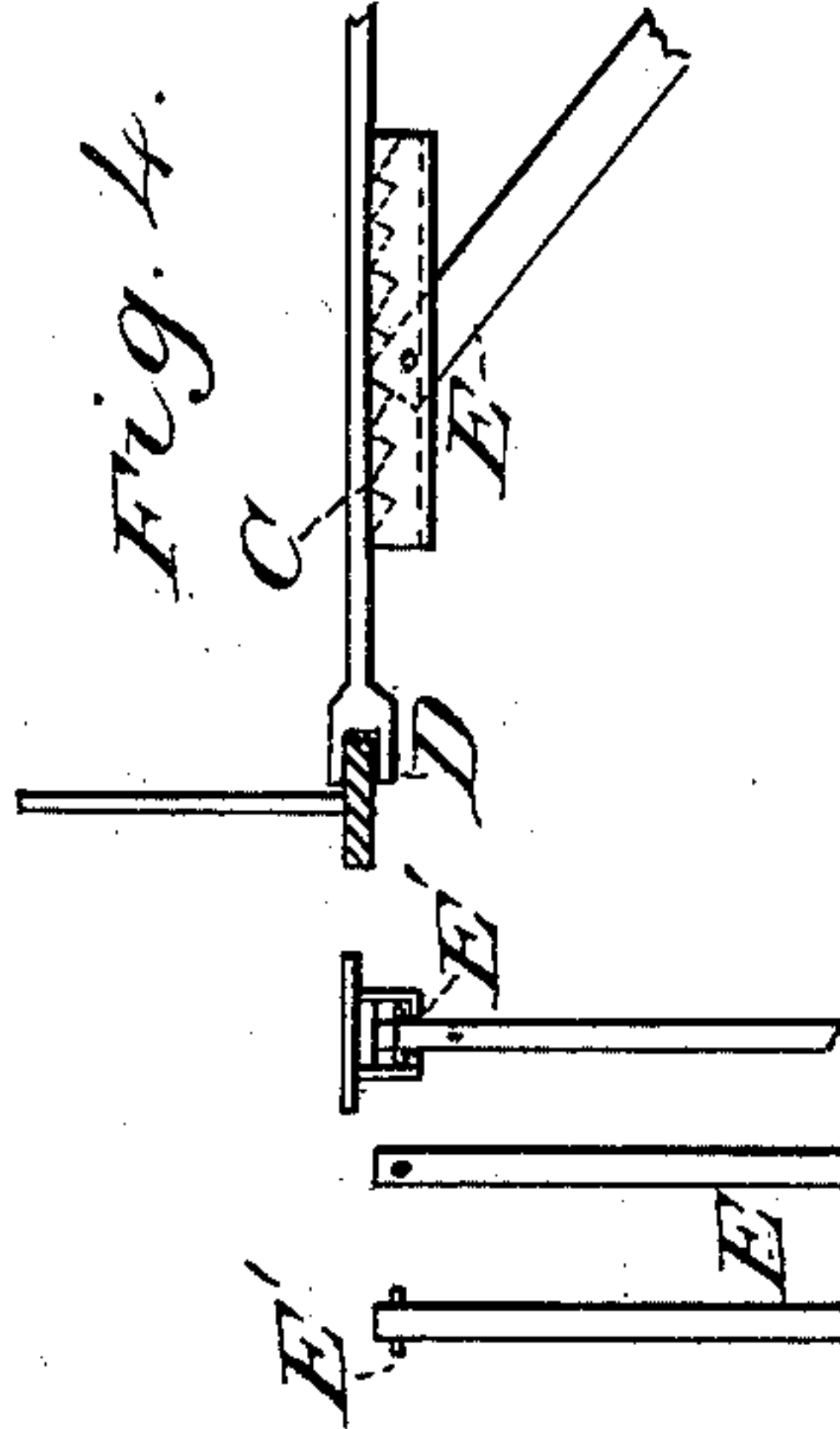


Fig. 4.

Fig. 6.

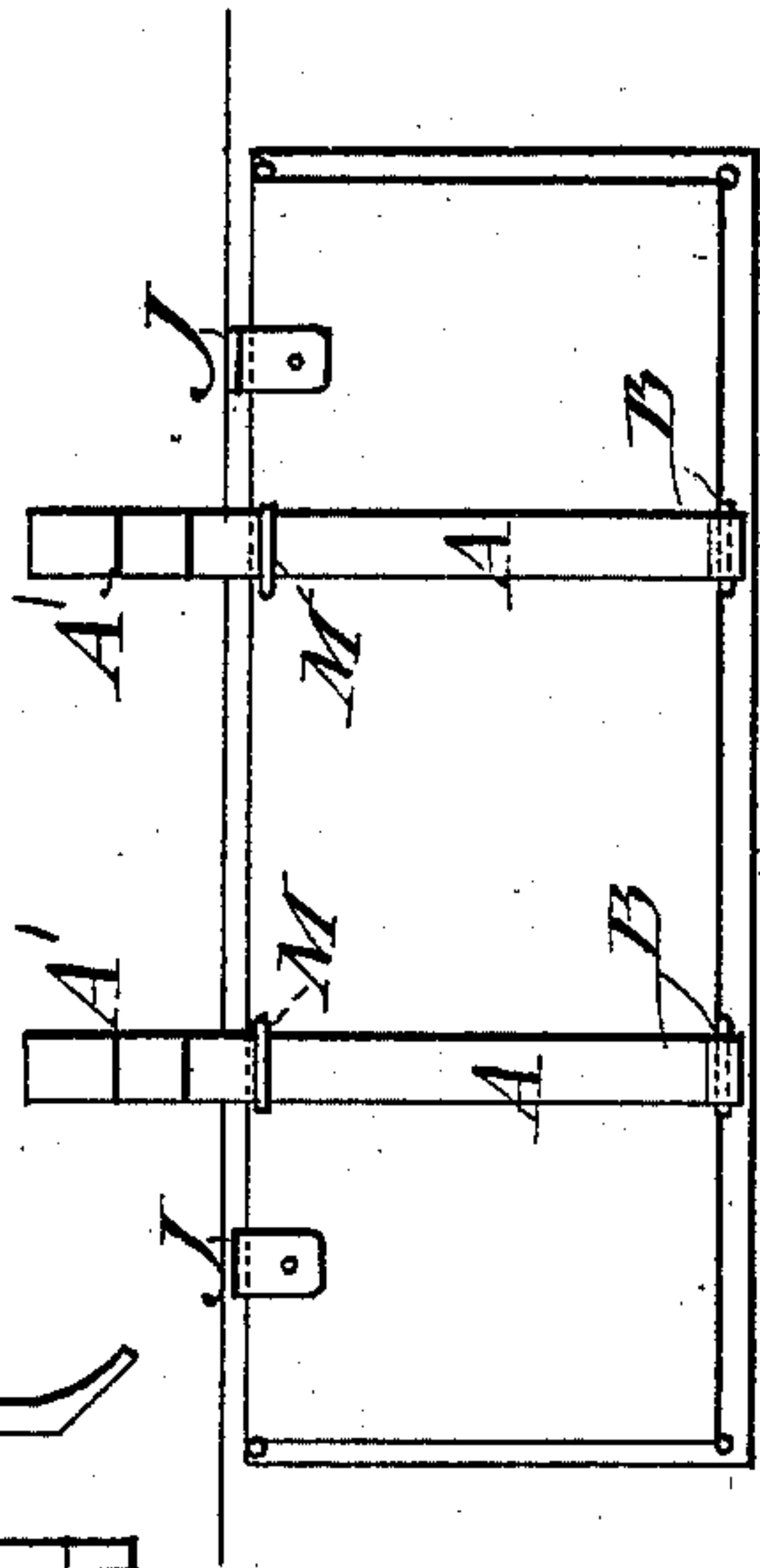


Fig. 5.

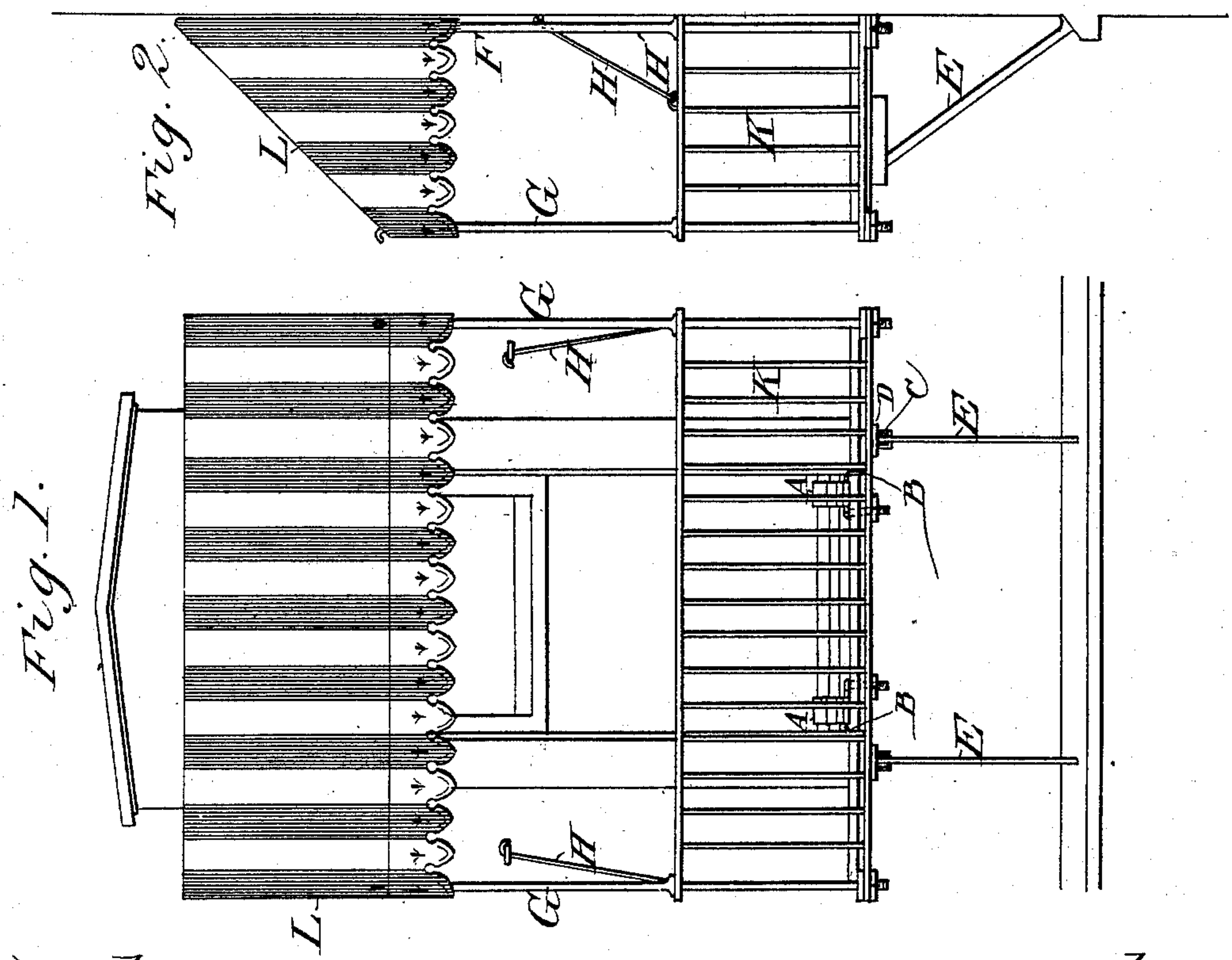


Fig. 1.

Fig. 2.

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HENRY H. DE WOLF, OF INDIANAPOLIS, INDIANA.

PORTABLE BALCONY.

SPECIFICATION forming part of Letters Patent No. 223,638, dated January 20, 1880.

Application filed August 21, 1879.

To all whom it may concern:

Be it known that I, HENRY H. DE WOLF, of Indianapolis, Marion county, Indiana, have invented a new and useful Improvement in Balconies for Houses, wherein they are made portable, and may be, if desired, combined with an awning, of which the following is a specification.

My invention is readily understood by reference to the accompanying drawings.

Figure 1 is a front view of my balcony, with awning over it, attached to the sill of the window of a house. Fig. 2 is an end view of the same. Fig. 3 is a vertical transverse section. Fig. 5 is a plan. Figs. 4 and 6 show details.

The rods G pass through the corners of the railing or balustrade K, and are secured by nuts at the lower end.

Attached to the front lower rail of the balustrade are two pintles, B, which interlock with the ends of the clamps A A, and these clamps (shown in Fig. 3) extend across the balcony-floor, and pass up and over the window-sill, clutching the inner edge of it, as shown at A', Fig. 3. These clamps constitute the main support of the balcony, and will alone sustain it; but for greater security I attach two braces to cross-bars on the under side of the balcony-floor, as shown in E E, Fig. 1. These braces rest on the water-table of the house, as shown in Fig. 2. I adjust these braces by means of a ratchet, C, in the cross-bar D, as shown in Fig. 4.

If the balcony is used upon an upper-story window, the braces E can be so arranged as to rest upon the cap of the window below.

E', Fig. 6, is a pivot in the end of the brace E, which holds it in the ratchet-case, in which it moves easily without falling out.

Fig. 5 shows the frame-work of the bottom of the balcony, which, in use, is covered with a wooden or some suitable floor, and either attached to this frame-work or to the floor when laid upon it.

I employ two buttons, J, which, when turned toward the window, press with their ends firmly against the sill, and thus push out the balcony from the window while the clamps are drawing it in a contrary direction, insuring the steadiness of the structure.

H, Fig. 2, is a rod, the lower end of which interlocks with a staple, H', attached to the

side of the balustrade-rail, and its upper end hooks into a staple attached to the building. These are used to make the balcony more secure.

The awning-cover L is supported by the four rods G G F F, the two latter being connected across by another rod or bar for convenience of fastening the rear or upper edge of the awning. These rods G G F F run clear through the four corners of the frame-work of the balcony and hold it together.

The clamps A are held firmly to the frame-work or floor of the balcony by buttons M, which, when turned aside, will allow the clamps to be removed, and the blinds and window may be shut.

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

1. In a portable balcony, the rods G G F F, sustaining the awning-frame, in combination with the balcony-frame, the braces E E, the rod H, and the clamps A A, as shown and set forth.

2. The rods G G F F, sustaining the awning-frame, in combination with the balcony-frame and clamps A A, as set forth.

3. The rods G G F F, in combination with the balcony-frame, the clamps A A, and braces E E, substantially as described.

4. In a portable balcony, the rods G G F F, the clamps A A, braces E E, and the rod H, in combination with the buttons J, pintles B, and ratchet C, for the purposes aforesaid.

5. In a portable balcony supported by the clamps A A and braces E E, the combination of such supports with the railing or balustrade, the balcony-frame, and the cover or awning L, when the latter is supported by the upright rods G G F F, for the purposes set forth.

6. The awning-cover L, in combination with the rods G G F F, the balustrade K, the clamps A A, buttons M, pintle B, buttons J, braces E E, ratchet C, and rod H, substantially as shown and set forth.

In witness whereof I have hereunto set my hand this 23d day of June, 1879.

HENRY H. DE WOLF.

Witnesses:

C. P. JACOBS,
W. A. SMECK.