

UNITED STATES PATENT OFFICE.

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PORTABLE BALCONY.

SPECIFICATION forming part of Letters Patent No. 791,786, dated June 6, 1905.

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To all whom it may concern:

Be it known that I, FLORA C. HOTCHKIS, a citizen of the United States, residing in Los Angeles, in the county of Los Angeles and State of California, have invented an Improvement in Portable Balconies, of which the following is a specification.

My invention relates to portable balconies; and the object thereof is the provision of a balcony adapted to be readily placed in position in any window without being secured to the building and which may also be readily removed and folded up.

In carrying out my invention I employ bars provided at one end with hooks and at the other end with heads having eyes therein, said bars being adapted to be placed in position horizontally on the window-sill, chains connected to said horizontal bars, brackets pivotally connected to said horizontal bars and having their free ends adapted to engage the pins of said chains, a cross-bar adapted to be engaged by the hook ends of said horizontal bars, a connecting-bar passing through the eyes in the heads of the said horizontal bars, posts pivotally connected in the heads of said horizontal bars and provided at their free ends with heads also having eyes therein, a guard-rail passing through the eyes in the heads of said posts, side rails pivotally connected in the heads of said posts and having their free ends outturned to engage the inner side of the window-casing, a bar for supporting said side rails, and a platform supported by the horizontal bars.

In the drawings, Figure 1 is a front elevation of my improved portable balcony. Fig. 2 is a plan of the same, and Fig. 3 is a cross-section taken on line *xx* of Fig. 1.

a represents a bar, preferably made of steel and provided at one end with a hook portion 2 and at the other with a head 3, having an eye therein. A square-linked chain *b* is pivotally connected to the bar *a* at 4, and a bracket *c* is pivotally connected at one end to the lug *c'*, integral with the bar *a*, and is provided at its other end with a notch or recess to engage the pins of the chain *b*. A post *d* is pivotally connected at one end in the head 3 of bar *a*, as indicated at 5, and the other end of the

post *d* is provided with a head 6, also having an eye therein. A side rail *e*, preferably made with a rule-joint 7, is pivotally connected at one end to the head 6 of the post *d*, as indicated at 8, and at the other end is provided with an outturned portion 9.

f is a support-bar pivotally connected at one end to the bar *a*, as shown at 10, and having its opposite end notched to engage the shank of a clamp-screw 11, by means of which the support-bar is maintained in position when in use.

The parts hereinbefore described are employed in pairs or sets of two. I also employ a cross-bar *g*, adapted to be engaged by the hook ends of the bars *a a* and to extend between and beyond the same to engage the inner side of the window-casing; a connecting-bar *h*, passing through the eyes in the heads 3 3 of the bars *a a*; set-screws 12 for securing the connecting-bar in position in said heads; a guard-rail *h'*, passing through the eyes in the heads 6 6 of the posts *d d*, and set-screws 13 for securing said guard-rail in position.

i represents a platform, which may be composed of planks of suitable weight, supported by the bars *a a* and extending between and beyond the same.

The cross-bar *g*, connecting-bar *h*, and the guard-rail *h'* may be conveniently made of gas-pipe and the side rails *e* of angle-irons, and the cross-bar *g*, connecting-bar *h*, and guard-rail *h'* are made considerably longer than the width of any window in which the balcony may be employed.

In adjusting the balcony to any window the bars *a a* are placed on the window-sill, with the cross-bar *g* in position. The ends of the brackets *c* are made to engage with those pins of the chains *b* necessary to place the bars *a a* in a horizontal position and to maintain them in such position with the ends of the brackets *c* against the side of the building. The support-bars are then clamped in place, in which position the outturned ends 9 of the side rails *e* bear against the inner side of the window-casing, and when the platform is set in place and the set-screws tightened the balcony is ready for use.

As the parts are readily adjustable, it will be apparent that the balcony may be quickly adjusted to fit any window in which the same is to be employed and also that when not in use the balcony may be folded up and will occupy a comparatively small space.

I claim as my invention—

1. A balcony for windows, comprising horizontal bars, brackets pivoted to said horizontal bars, means connected to said horizontal bars and adapted to be engaged by the free ends of said brackets, a cross-bar, means at the inner ends of said horizontal bars for engaging said cross-bar, a connecting-bar extending between the outer ends of said horizontal bars, posts pivotally connected to the outer ends of said horizontal bars, a guard-rail passing through the upper ends of said posts, side rails pivotally connected to said posts and adapted at their free ends to engage the inner side of the window-casing, and a platform supported by said horizontal bars.

2. A balcony for windows, comprising horizontal bars, brackets pivoted to said horizontal bars and adapted to be engaged by the free ends of said brackets, a cross-bar, means at the inner ends of said horizontal bars for engaging said cross-bar, a connecting-bar extending between and passing through the outer ends of said horizontal bars, set-screws for securing said connecting-bar in position, posts pivotally connected to the outer ends of said horizontal bars, a guard-rail extending between and passing through the upper ends of said posts, set-screws for securing said guard-rail in position, side rails pivotally connected to said posts and adapted at their inner ends to engage the inner side of the window-casing support-bars for said side rails and a platform supported by said horizontal bars.

3. A balcony for windows, comprising horizontal bars, chains pivotally connected to said horizontal bars and brackets pivotally connected to said horizontal bars and adapted at

their free ends to engage the cross-bars of said chains, a cross-bar, means at the inner ends of said horizontal bars for engaging said cross-bar, a connecting-bar extending between and passing through the outer ends of said horizontal bars, set-screws for securing said connecting-bar in position, posts pivotally connected to the outer ends of said horizontal bars, a guard-rail extending between and passing through the upper end of said posts, set-screws for securing said guard-rail in position, side rails pivotally connected to said posts and adapted at their inner ends to engage the inner side of the window-casing, support-bars for said side rails and a platform supported by said horizontal bars.

4. A balcony for windows, comprising horizontal bars, chains pivotally connected to said horizontal bars, brackets pivotally connected to said horizontal bars and adapted at their free ends to engage the cross-pins of said chains, hooks at the inner ends of said horizontal bars, a cross-bar adapted to be engaged by said hooks, a connecting-bar extending between and passing through the outer ends of said horizontal bars, set-screws for securing the said connecting-bar in position, posts pivotally connected to the outer ends of said horizontal bars, a guard-rail extending between and passing through the upper ends of said posts, set-screws for securing the said guard-rail in position, side rails pivotally connected at one end to said posts and adapted at their free ends to engage the inner side of the window-casing, support-bars pivotally connected at one end to the horizontal bars, clamp-screws for securing the support-bars in position against the side rails and a platform supported by said horizontal bars.

Signed by me this 12th day of September, 1904.

FLORA C. HOTCHKIS.

Witnesses:

JASPER N. PRESTON,
IRA H. SEEHORN.