

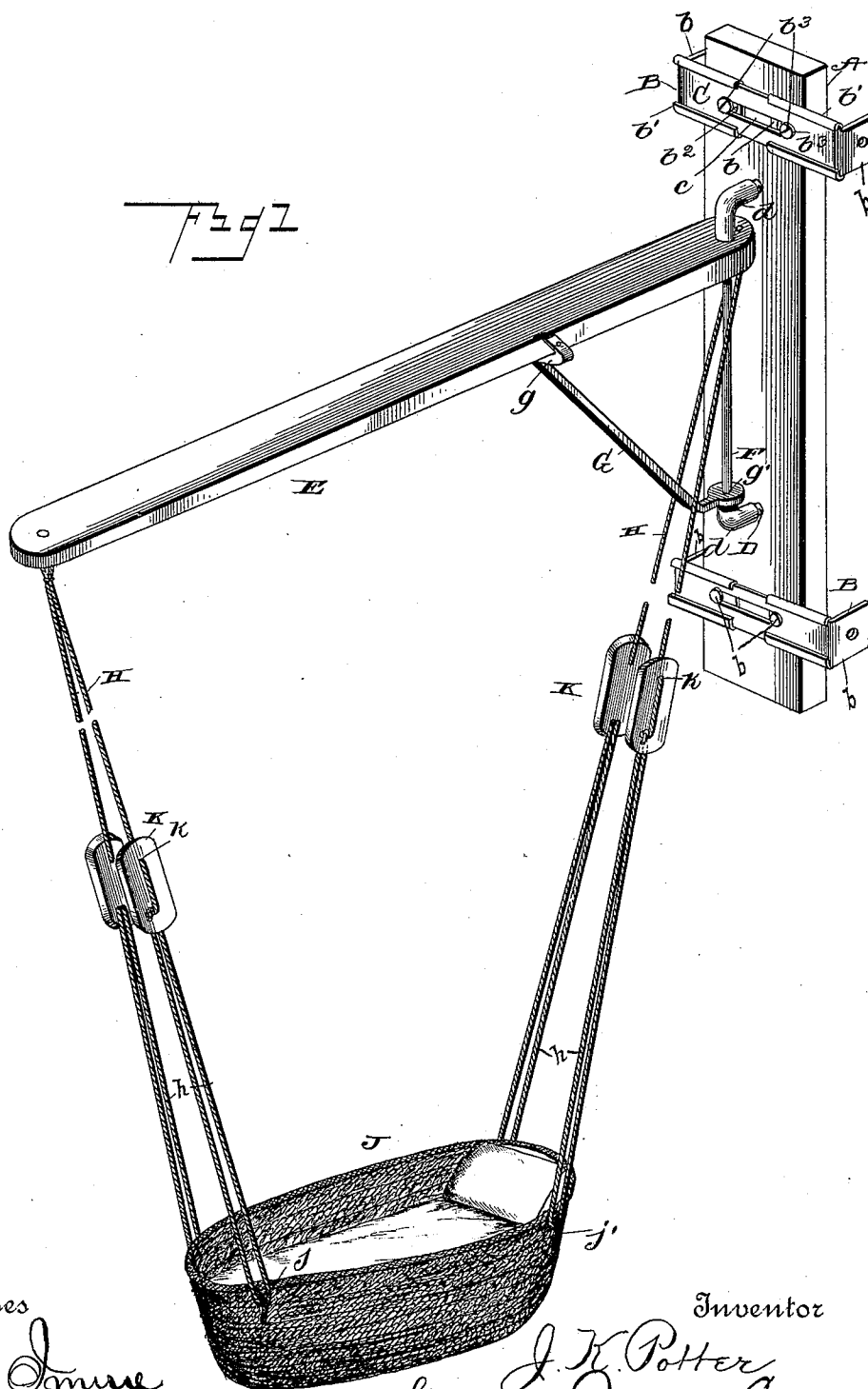
(No Model.)

2 Sheets—Sheet 1.

J. K. POTTER.
CRADLE.

No. 463,707.

Patented Nov. 24, 1891.



Witnesses

John D. Moore
Edw. J. Lister

Inventor

J. K. Potter
By his Attorney

J. R. Little

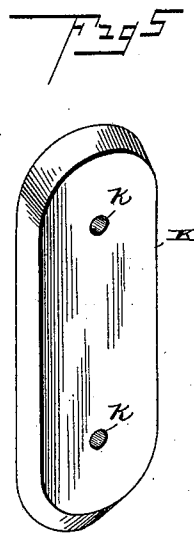
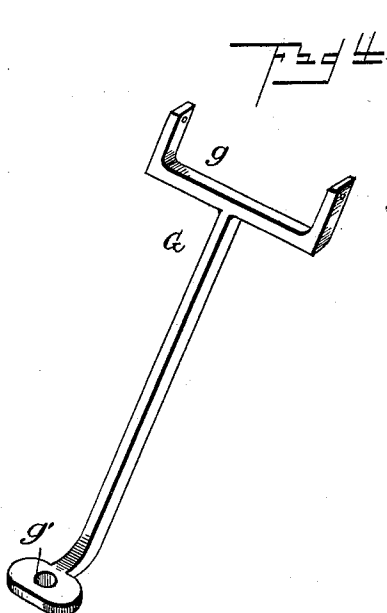
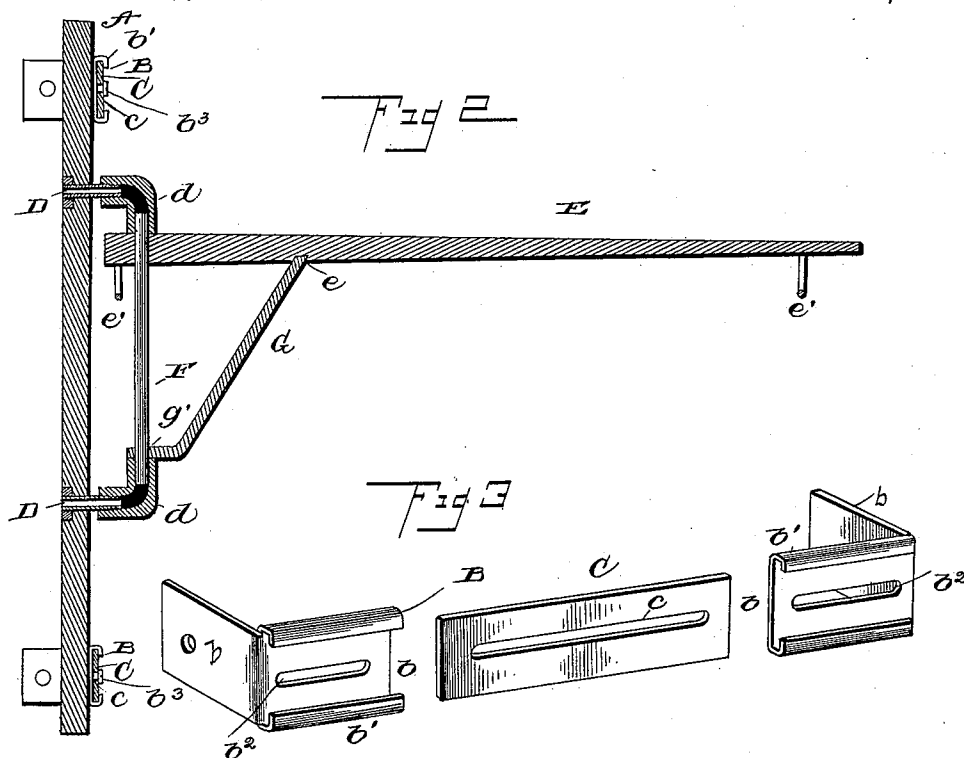
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UNITED STATES PATENT OFFICE.

JOHN KIMMONS POTTER, OF CLAYSVILLE, PENNSYLVANIA.

CRADLE.

SPECIFICATION forming part of Letters Patent No. 463,707, dated November 24, 1891.

Application filed May 12, 1891. Serial No. 392,422. (No model.)

To all whom it may concern:

Be it known that I, JOHN KIMMONS POTTER, a citizen of the United States, residing at Claysville, in the county of Washington and State of Pennsylvania, have invented certain new and useful Improvements in Swinging Cradles; and I do hereby declare that the following is a full, clear, and exact description of the invention, which will enable others skilled in the art to which it appertains to make and use the same.

My invention relates to certain new and useful improvements in swinging cradles, and has for its object to provide a cradle suspended from a spring-bar, said bar being pivotally connected to a support adapted to be attached to a door or window frame, the said spring-bar, with the cradle, being adapted to be swung against the wall out of the way when not in use, and means for adjusting the cradle vertically.

To these ends my invention consists in the novel construction and arrangement of parts hereinafter fully described, and afterward definitely pointed out in the claims, due reference being had to the accompanying drawings, wherein—

Figure 1 is a perspective view of my improved device in a position ready for use. Fig. 2 is a vertical central section, the cradle proper not being shown; Fig. 3, a detail view of one of the clamps for fastening the support to the door or window frame; Fig. 4, a detail view of the brace, and Fig. 5 a detail view of one of the blocks for adjusting the cradle vertically.

Referring to the drawings, the letter A indicates a frame, preferably constructed of wood, and carrying clamps B at the top and the bottom. Said clamps each consists of two metallic plates *b b*, having their outer ends bent up at right angles and perforated for the reception of screws, the inner ends of the plates *b b* having inwardly-turned flanges *b'* *b'*, and slotted, as at *b²*.

C indicates a plate having a central longitudinal slot *c*, said plate being embraced by the inwardly-turned flanges *b'* *b'* of the plates *b b*, the slot *c* registering with the slots *b²*, formed in the plates *b b*, and the parts are secured to the frame A by screws *b³ b³* passing through said slots. The plates *b b* can be moved inward and outward over the plate C

to fit any ordinary door or window frame to which they may be screwed.

D D indicate two rods, preferably formed of hollow metallic pipes, passing through the frame A and secured therein at the rear by means of burrs or nuts countersunk in said frame, the outer extremities of said rods D D being provided with hollow elbows *d d*.

E indicates a spring-bar, preferably formed of steamed wood, such as ash or elm, and tapering from its inner to its outer end. Near the inner rounded end the spring-bar is perforated, through which passes a vertical rod F, having its ends journaled in the elbows *d d*.

G indicates a brace, provided at its upper end with a yoke *g*, by means of which it is pivoted to each side of the spring-bar E, and has at its lower end an eye *g'*, which encircles the rod F and rests upon the lower elbow *d*. The said brace supports the spring-bar E in a horizontal position, and in order to take the strain off the pivots I prefer to recess the under side of the spring-bar E, as at *e*, within which the yoke *g* fits and abuts against the spring-bar. To each end of the spring-bar E are secured eyes *e' e'*, to which are fastened ropes or cords H H, the lower ends of the ropes being formed into loops *h h* and passing through eyes *j j* upon the cradle J.

K K indicate clamps perforated near each end, as at *k k*, through which perforations pass the cord or rope H, as shown, thence through the eye *j* on the cradle J, and back through the lower perforation *k* in the clamp K, where it is knotted.

To vertically adjust the cradle the cords or ropes H are slackened and the clamps K slid up or down upon the cords or ropes, thus shortening or lengthening the same. The cradle being suspended from the spring-bar by means of cords, the cradle can be freely swung from side to side, the spring-bar affording a gentle undulating movement to the cradle. When not in use, the spring-bar and cradle can be swung around against the wall, out of the way.

Having thus described my invention, what I claim is—

1. In a swinging cradle, the combination, with a support provided at its sides with clamps comprising opposing members projecting over the face of the support and hav-

ing elongated slots therein, and securing-
screws engaging said slots and adapted to
bind the clamps to the support, of a spring-
bar journaled on the latter, and a cradle sus-
5 pended from the spring-bar, substantially as
set forth.

2. The combination of the frame A, pro-
vided with adjustable clamps B and having
secured thereto the hollow elbows *d d*, the rod
10 F, journaled in said elbows, a spring-bar E,
mounted on said rod and supported thereon,
and a cradle suspended from said spring-bar,
substantially as shown and described.

3. The combination of the frame A, pro-

vided with clamps B and having secured 15
thereto the hollow elbows *d d*, the rod F, fitted
within said elbows, the spring-bar E, swing-
ing on said rod and having suspended there-
from a cradle J, and a brace secured to said
spring-bar and swinging on the rod F, sub- 20
stantially as shown and described.

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

JOHN KIMMONS POTTER.

Witnesses:

WILLIAM SAMUEL FORDYCE.

ROBERT BUCHANAN ALLENDER.