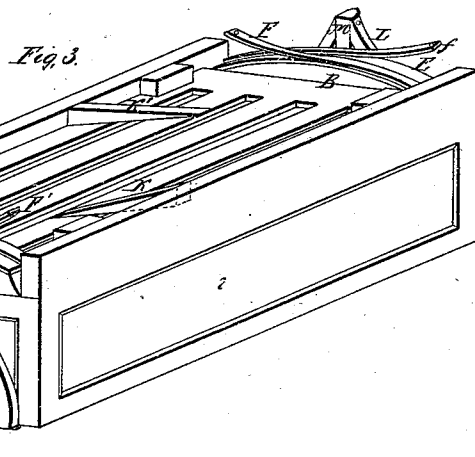
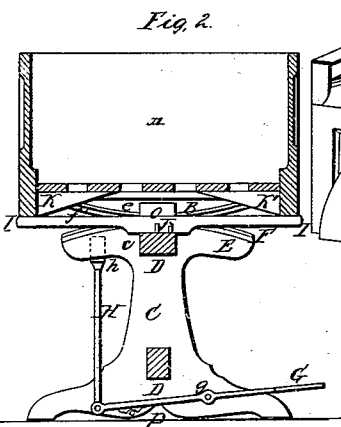
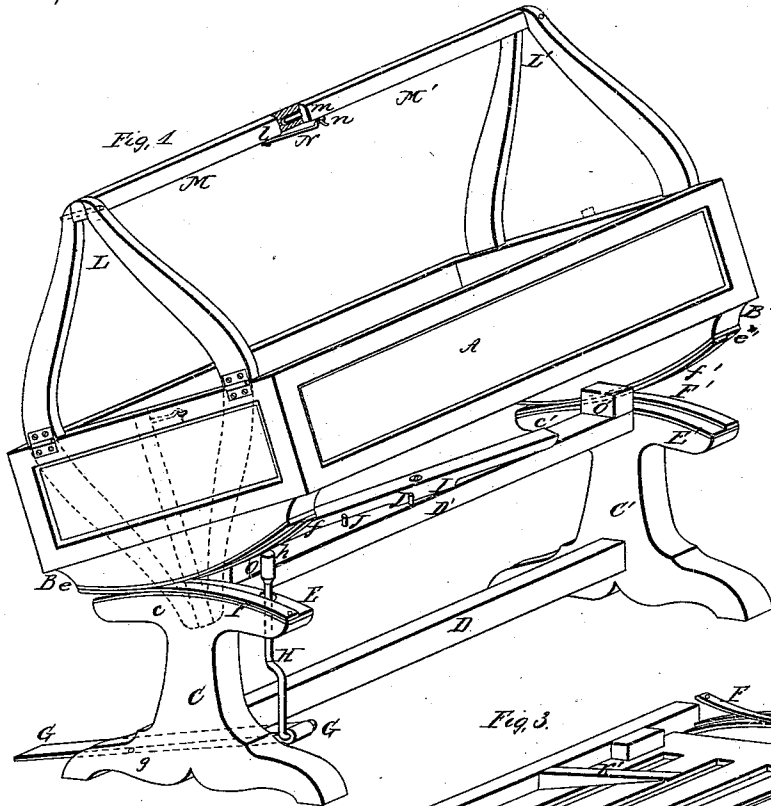


D. Cox,

Cradle,

N^o 61,720

Patented Feb. 5, 1867.



Witnesses;

J. H. Layman,
J. C. F. H. H.

Inventor,
David Cox
By Thayer Bros.
Attorneys.

United States Patent Office.

DAVID COX, OF CINCINNATI, OHIO.

Letters Patent No. 61,720, dated February 5, 1867.

IMPROVED CRADLE.

The Schedule referred to in these Letters Patent and making part of the same.

TO WHOM IT MAY CONCERN:

Be it known that I, DAVID COX, of Cincinnati, Hamilton county, Ohio, have invented a new and useful Improvement in Cradles; and I do hereby declare the following to be a full, clear, and exact description thereof, reference being had to the accompanying drawings, making part of this specification.

The first part of my invention relates to rocking devices. The second part of my invention relates to an improved folding tester.

Figure 1 is a perspective view of a cradle embodying my improvements.

Figure 2 is a transverse section thereof.

Figure 3 shows the body of the cradle turned upside down.

The body A has two customary rockers B B', which both rest upon and are confined to the convex heads *c c'* of the two stands or trestles C C' united in one frame by two rails D D'. In order to soften the action and deaden sound, the convex surface of each rocker and trestle is padded with a strip, E E', *e e'*, of leather caoutchouc, or other suitable cushion, and is further provided with two bands or straps, F F', *f f'*, of steel, which, being attached by one extremity to a rocker, and the other extremity to the further end of its supporting trestle, prevent any displacement of the body, while allowing it to rock freely from side to side, and even assisting said rocking by its elasticity. The rocking is effected by means of a treadle, G, pivoted, *g*, to one of the trestles, and having hinged to it a rod, H, whose summit has a cushion of caoutchouc, or other suitable substance, and, by impinging against one of the rockers, sets the body in motion. It will be seen that, in order to enable the body to be made rigid, I have provided a bar, I, which, being journalled, *i*, at its mid-length to the rail D, is susceptible of being turned so as to extend athwart the frame, with its ends supporting the respective sides of the body, and effectually stop any oscillation of the latter. J are stops, which limit the vibration of the bar I in both directions. Inclined planes K K' facilitate the turning of the bar I, and prevent it catching against the longitudinal portions of the body. In its most complete form the body has hinged to its respective ends brackets L L', having pivoted to their free ends bars M M', a dowel *m*, on one of which enters a socket, *l*, in the other. The two bars thus engaged are made fast by means of a hook, N, and staple *n*. When not required for use, the two members of this tester may be folded down snugly outside of the body, as shown by dotted lines in fig. 1, and by strong lines in fig. 3. A marked advantage of the above over the common form of rocker is found in the non-liability to shift and slip about the floor in the action of rocking. O O' are blocks, placed at the ends of the upper rail D', so as to prevent the longitudinal displacement of the cradle-body; and P is a cushion or pad attached to the treadle; and said cushion rests upon a stud, which projects from the inner side of one of the trestles C. This arrangement of the cushion P prevents any noise when the treadle is dropped.

I claim as new, and of my invention—

1. The combination of the cushions E *e* with the rockers B *e* and straps F *f*, as and for the purposes explained.
2. The combination of the treadle G and cushioned rod H *h* with the cradle A B and convex rocking surfaces E, substantially as and for the purposes specified.
3. The combination of the turn-bar I, cradle A B, and trestle C D E, as and for the purposes specified.
4. The combination of the inclined planes K K' with the turn-bar I, cradle A B, and supporting trestle C D E, for the purpose described.

In testimony of which invention I hereunto set my hand.

DAVID COX.

Witnesses:

GEO. H. KNIGHT,
JAMES H. LAYMAN.