

(No Model.)

D. W. PETTIS.

CRIB OR CRADLE.

No. 360,908.

Patented Apr. 12, 1887.

Fig 1

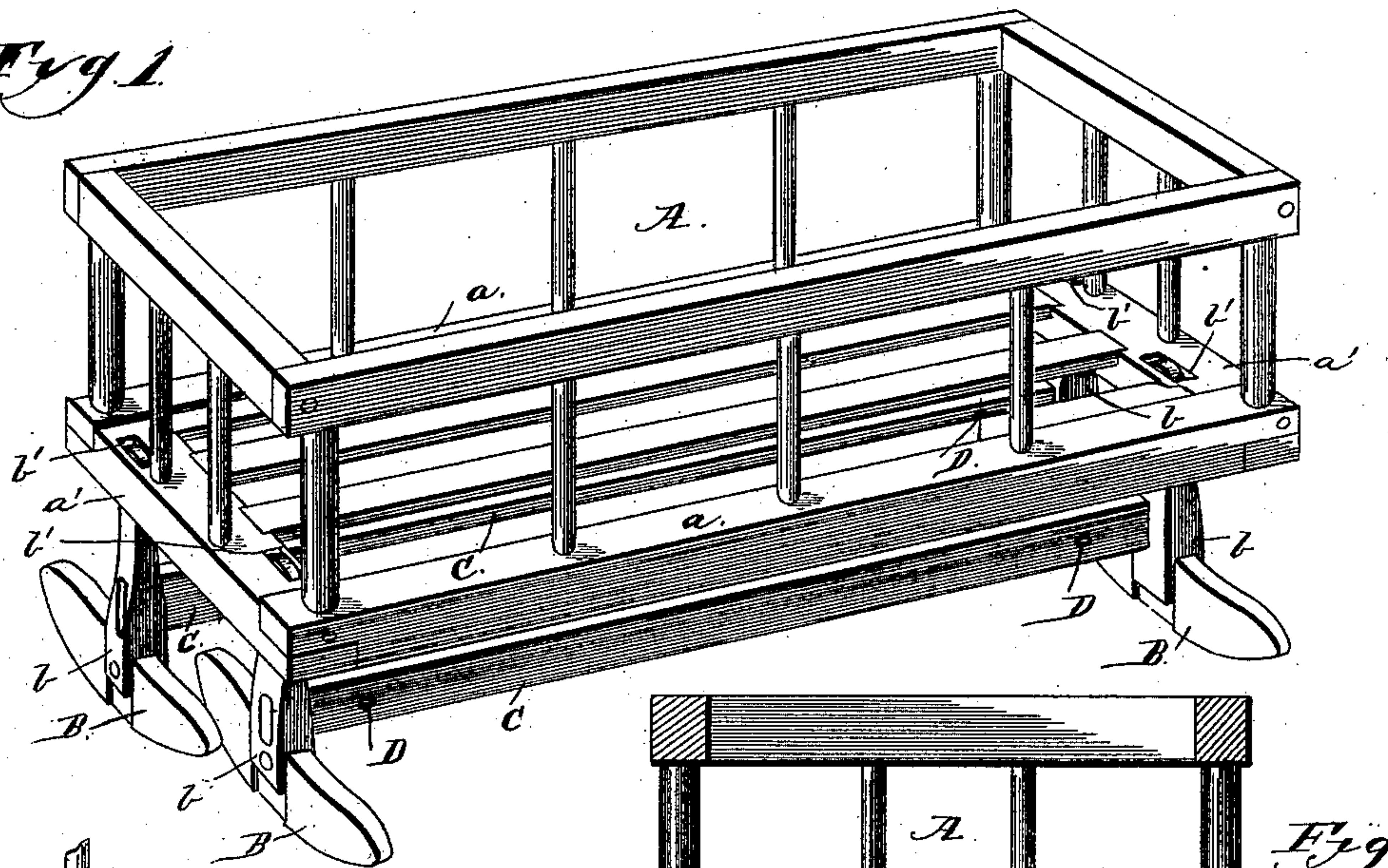


Fig 2

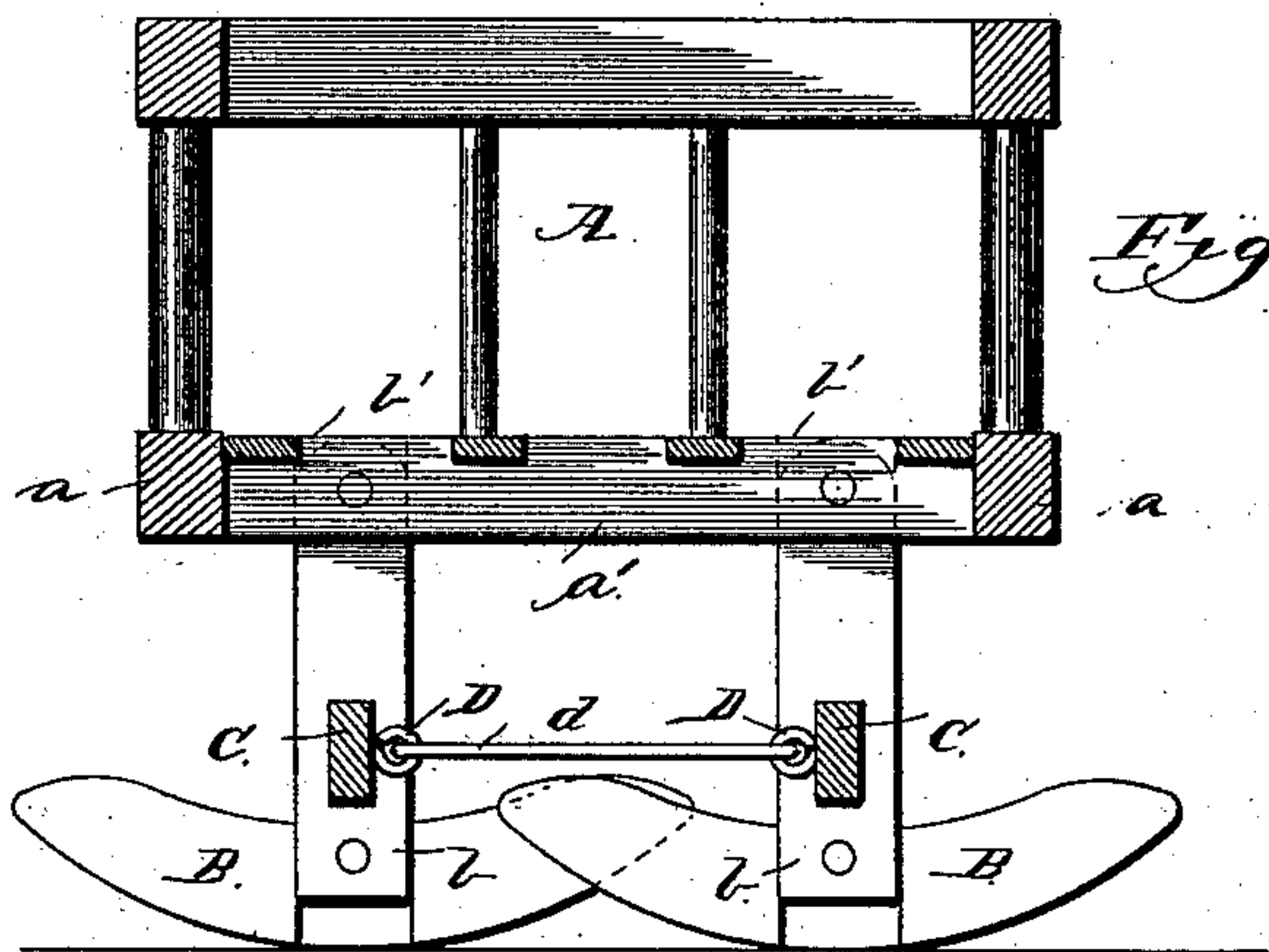


Fig 4

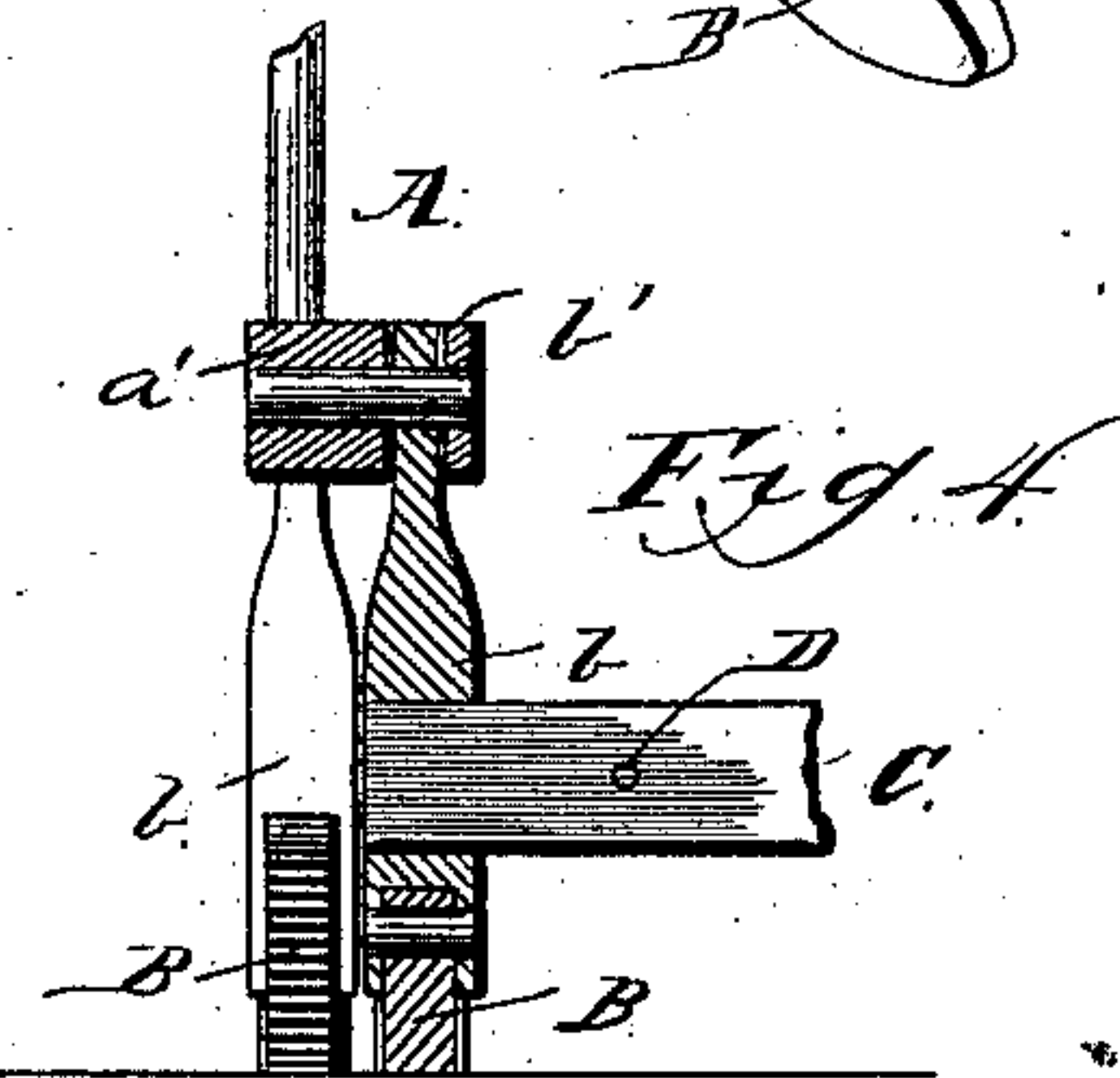
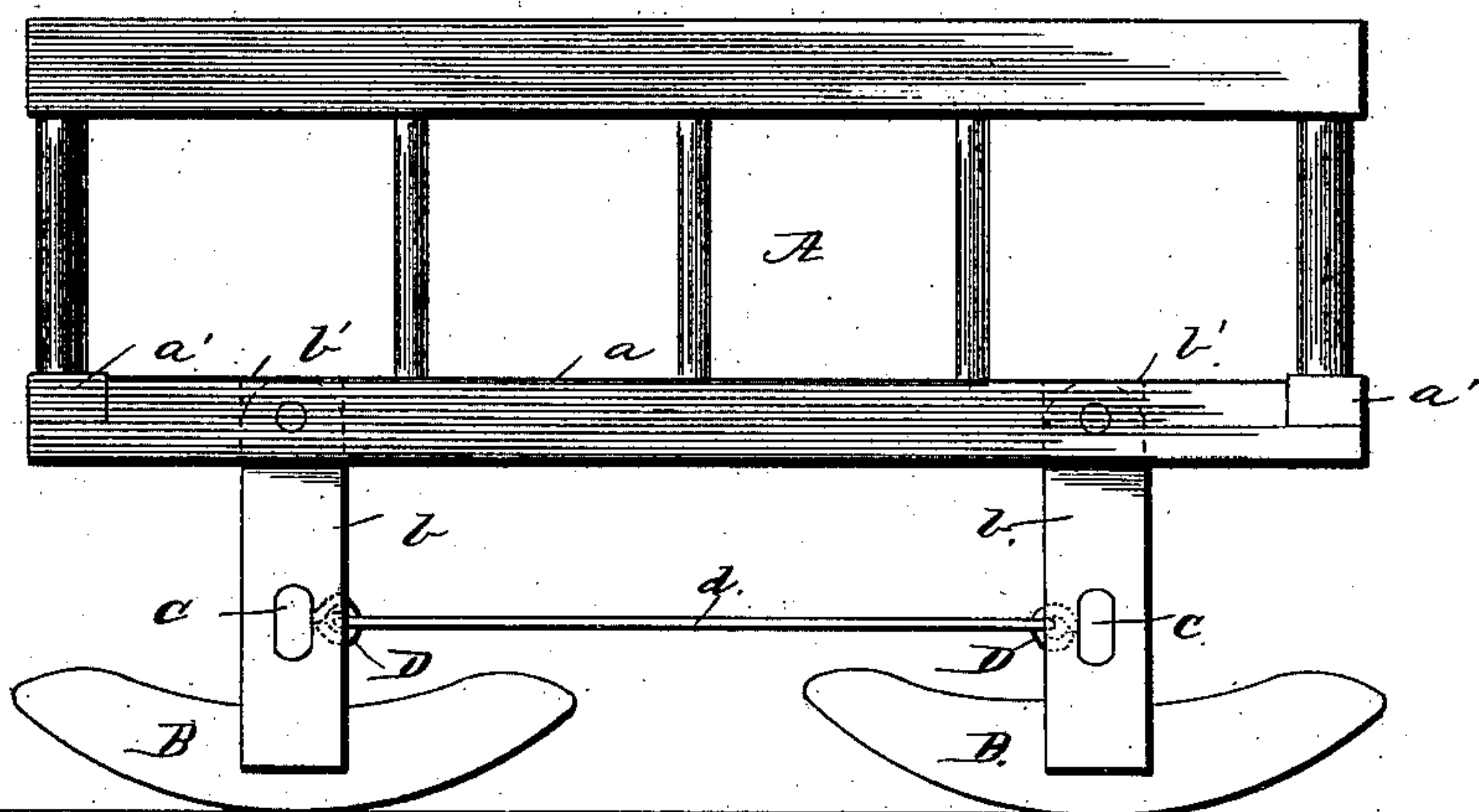


Fig 3



Witnesses

Geo. Thayer

E. J. Sigg

D. W. Pettis Inventor

By his Attorneys

C. A. Snowley

UNITED STATES PATENT OFFICE.

DANIEL WEBSTER PETTIS, OF EAST STOCKHOLM, NEW YORK.

CRIB OR CRADLE.

SPECIFICATION forming part of Letters Patent No. 360,908, dated April 12, 1887.

Application filed February 2, 1887. Serial No. 226,260. (No model.)

To all whom it may concern:

Be it known that I, DANIEL WEBSTER PETTIS, a citizen of the United States, residing at East Stockholm, in the county of St. Lawrence and State of New York, have invented new and useful Improvements in Cribs or Cradles, of which the following is a specification.

My invention relates to improvements in cribs or cradles for children, and refers more particularly to the formation and arrangement of the rockers of the same, the object being to give the frame of the crib or cradle a gentle, easy, and perfectly horizontal motion, instead of the inclining motion or swing of the ordinary cradle or crib.

The invention consists, mainly, in pivoting the rocker-bars to the frame and in connecting the attachment of the rockers together in such manner that they move together simultaneously and with an equal amount of motion, thus causing the sustained frame to move easy and horizontally.

In the accompanying drawings, Figure 1 represents a perspective view of the improved crib; Fig. 2, a transverse vertical section thereof to show more plainly the connection of the rockers. Fig. 3 is a side elevation of a modified form. Fig. 4 is a detail sectional view.

Referring to the drawings by letter, A designates the frame of the crib or cradle, of any desired pattern and ornamented in any desired style. The rockers may be connected with either the side rails, *a*, or the end rails, *a'*, of the bottom of the crib. In the former case the motion will be longitudinal, and in the latter case transverse.

B B are the rockers, secured centrally between the arms of the bifurcated lower ends of the rocker-bars *b b*, the upper ends of which are pivoted in the slots *b' b'* in the rails of the bottom of the frame, and equally distant from the ends of said rails. When the rockers are connected with the side rails, the slots *b'* in each rail may be in line with each other, as the rockers can move without touching each other; but when in the end rails the slots in each rail must be out of line sufficiently to permit the rockers to pass each other, as shown in the drawings. The lower edges of the rockers are made on arcs of circles having the pivot-points of their bars as centers.

CC are horizontal bars, connecting the rock-

er-bars on opposite sides or ends of the frame, according to the two described arrangements. The said bars have secured at similar points on their inner surfaces, near their ends, the pairs of eyebolts D D, each pair connected by a stiff wire rod, *d*, which has its end hooked and engaged in the eyes of the bolts.

It is evident that, as the rocker-bars are connected, as described, by the bars C, and the latter by the stiff wires, the rockers must move all together and with an equal motion, and, as the rocker-bars have an equal inclination, at the same time that the motion of the sustained frame must be horizontal.

Some of the advantages of the invention are as follows: From its construction the weight cannot be thrown far enough out of center to cause it to rock over. The motion is easy and equable, because it is horizontal, so that there is no jolting. It is much more easily moved, also, on account of its horizontal motion.

Having described my invention, I claim—

1. A cradle or crib comprising a frame, rockers arranged in pairs and pivotally secured to the opposite sides or ends of the frame, and means, substantially as described, for connecting the pairs of rockers and the rockers of each pair, substantially as set forth.

2. In a cradle or crib, the combination of the frame having opposite rails at its bottom, provided with slots equally distant from their ends, the rockers secured to rocker-bars of equal length and having their upper ends pivoted in said slots, and the bars connecting the opposite rocker-bars on each side and connected together near their ends by loose rods or wires, substantially as specified.

3. The herein-described crib, composed of the frame A, having opposite rails at its bottom, provided with the slots *b'*, the rockers B, and rocker-bars *b*, having their upper ends pivoted in said slots, the connecting-bars C, the eyebolts D, secured to the inner surfaces of said bars, and the stiff wire rods *d*, having their ends hooked or engaged in the eyes of said bolts, all constructed and arranged substantially as and for the purpose specified.

In testimony that I claim the foregoing as my own I have hereto affixed my signature in presence of two witnesses.

DANIEL WEBSTER PETTIS.

Witnesses:

H. W. STEARNS,

F. A. STEARNS.