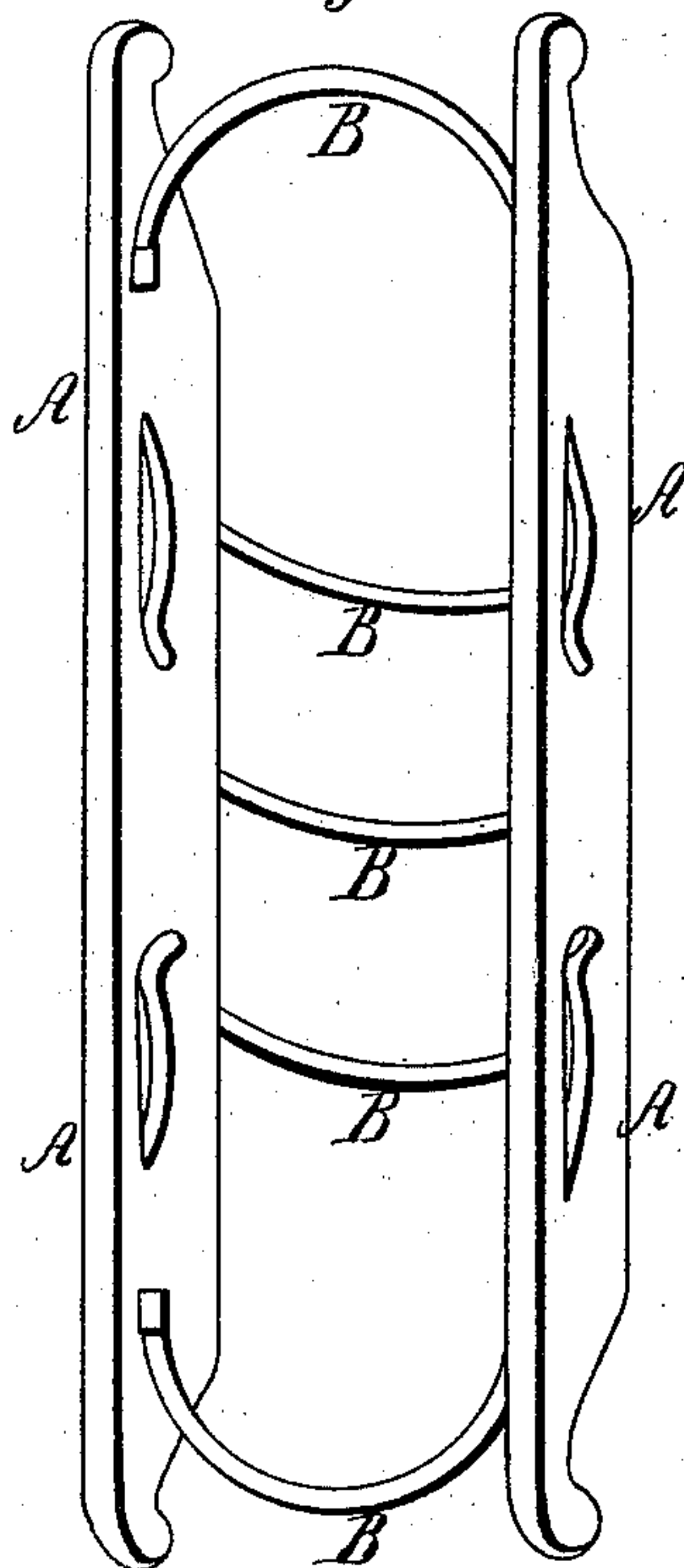
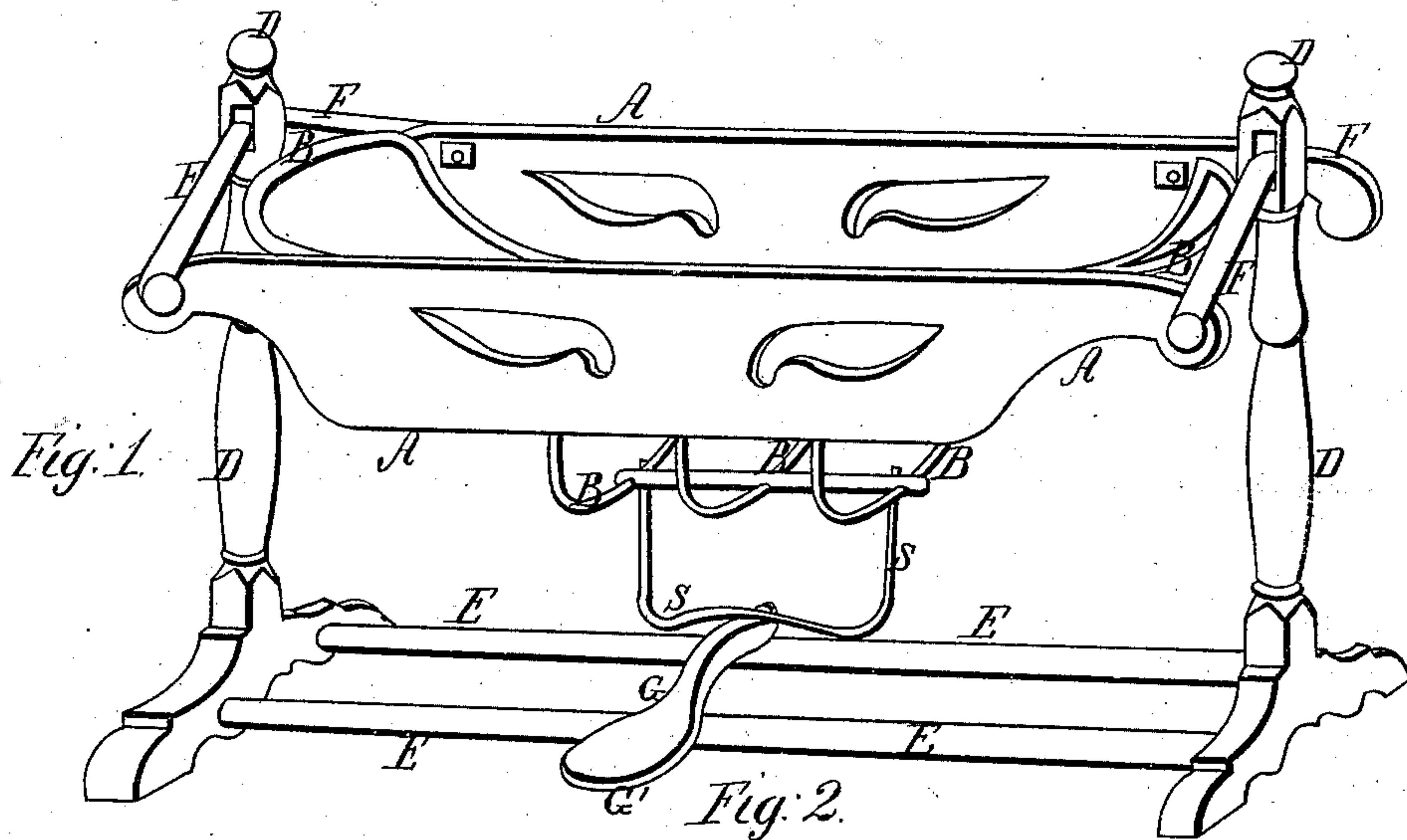


A.E. & J.B. Blood & F.W. Pope,

Cradle,

Nº 80,801,

Patented Aug. 11, 1868.



Witnesses;
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Letters Patent No. 80,801, dated August 11, 1868; antedated July 29, 1868.

IMPROVED COUCH OR CRADLE.

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

TO ALL WHOM IT MAY CONCERN:

Be it known that we, A. E. BLOOD, J. B. BLOOD, and F. W. POPE, of Lynn, in the county of Essex, and State of Massachusetts, have invented a new and improved Infant's Couch or Cradle; and we do hereby declare that the following is a full and exact description of the construction and operation of the same, reference being had to the accompanying drawings, making a part of this specification—

Figure I being a perspective view of the whole.

Figure II showing the couch detached from its supports, the upholstery being removed so as to show the bows B B.

The object of our invention is to construct an elastic basket-like couch-body, and so to hang such couch, upon suitable standards or other supports, that it shall be capable of receiving peculiar vertical vibratory, undulating, or tossing movements, resembling the motions of a nurse's arms, and also to admit of being swung laterally, when desired.

We construct the body of the couch by forming, from a light framework or scroll-work, two sides, A A, of suitable length and depth, and then fastening these sides in parallel positions, and at a proper distance apart, by passing from each other any desired number of curved strips or bows, of some springy material, B B; those fastened to the lower edges of the sides forming a curved bottom, and those attached to the ends forming the curved heads or ends of the couch.

The bows or hoops at the bottom can be dispensed with, if desired, using a sufficient number at the ends to give the requisite strength. The whole of this skeleton or frame may be upholstered in any tasteful manner; the bed or sacking being attached to the lower edges of the frame, and stretched directly across the body, above the bottom hoops, without sagging so as to come in contact with them. Bows of a less depth may be used, and the bedding or pillow placed directly upon them.

In order to mount this body, we take two uprights or standards, D D, provided with suitable feet, secured to each by horizontal bars, of the required length, E E. From the tops of these standards we suspend the body of the couch by any wires, strips, straps, or bows, elastic or non-elastic, marked F F, the points of attachment to the body being formed by allowing the sides to project sufficiently to clear the heads.

Instead of upright standards, the couch may be suspended from brackets attached to the wall of a room or any suitable support.

The alternate compression and relaxing of the bows B B, contained in the couch-body, give the vertical movements above described, whether the couch be suspended by elastic or non-elastic hangings, but this result is facilitated by the use of elastic hangings equivalent to those shown in the drawings at F F.

The movements of the couch may be produced by applying the hand to the top, but to cause the vertical movements we prefer to apply the power below. To accomplish this, we provide a lever, G, having its fulcrum at one of the horizontal foot-bars, E, and projecting outward sufficiently to form a treadle, G', the other end passing under the couch, so as when raised to engage and connect with a wire, S, bent bail-like, and attached to the lower part of the couch-body, and thereby impart motion to the same. This treadle-bar also serves, when in connection with the couch-body, to hold it in proper position, and prevent its careening too much to either side.

What we claim as our invention, and desire to secure by Letters Patent, is—

1. In constructing an infant's couch, the combination of the sides A A, in combination with the bows B B, substantially as and for the purpose set forth.

2. Suspending a couch by elastic or spring hangings, so that it may be capable of vertical reciprocating movements, and also admit of being swung laterally, substantially as described.

3. Arranging the treadle-bar G in such relation to the couch that it can be raised to connect with and operate the same, and, when not in use, to drop clear of the couch, and allow it to be swung laterally, substantially as described.

Witnesses:

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