(No Model.)

# F. W. BARKER.

## CRADLE.

No. 260,823. Patented July 11, 1882.

Fig. 1.

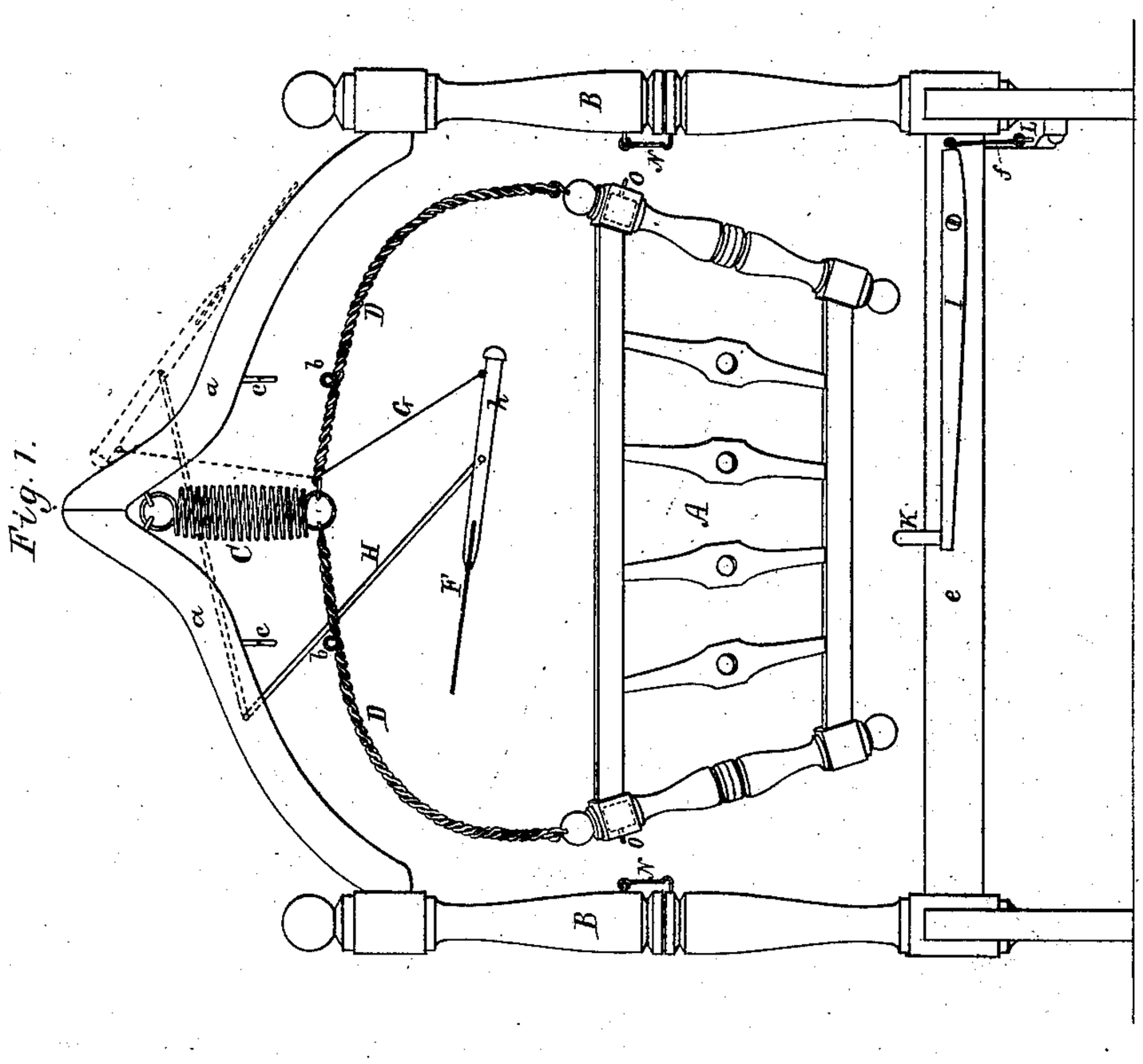
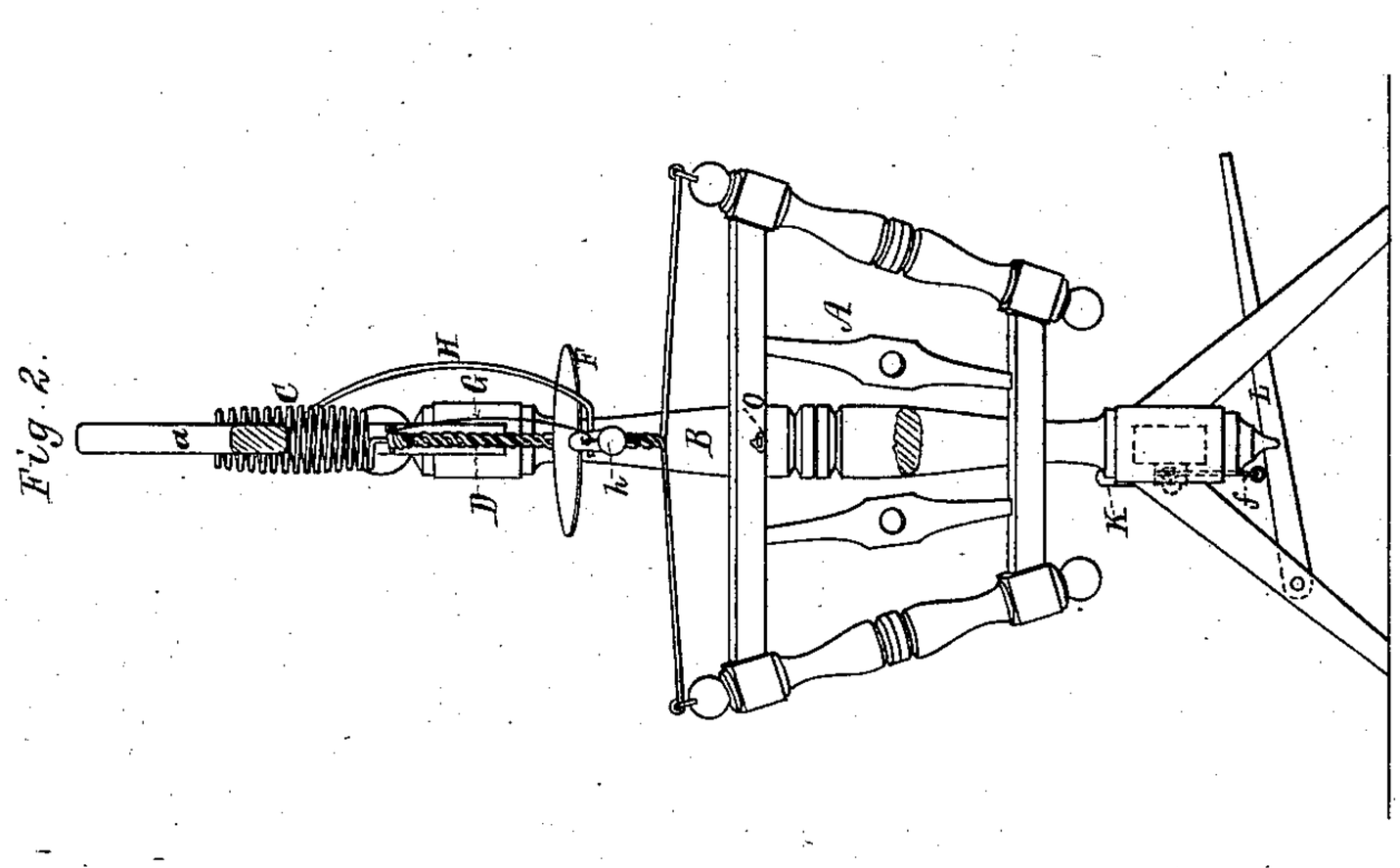



Fig. 2.




Witnesses.
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# UNITED STATES PATENT OFFICE.

FRANK W. BARKER, OF CHELSEA, MASSACHUSETTS.

## CRADLE.

SPECIFICATION forming part of Letters Patent No. 260,823, dated July 11, 1882.

Application filed May 29, 1882. (No model.)

*To all whom it may concern:*

Be it known that I, FRANK W. BARKER, late of Belmont, in the county of Belknap, of the State of New Hampshire, but now of Chelsea, in the county of Suffolk, of the State of Massachusetts, have invented a new and useful Improvement in Cradles; and I do hereby declare the same to be described in the following specification and represented in the accompanying drawings, of which—

Figure 1 is a side elevation, and Fig. 2 an end view, of a cradle provided with my invention, the nature of which is defined in the claims hereinafter presented.

My improvement relates to the cradle which constitutes the subject of the United States Letters Patent No. 257,459, granted to me on the 9th day of May, 1882; and it consists mainly in the combination, with such cradle, of a fan and its supports, arranged substantially in manner and to operate as hereinafter described, such fan being adapted to be moved or vibrated directly over the face of a child while such child may be reposing in the crib of the cradle and such crib is being reciprocated vertically.

In such drawings, A denotes the crib of the cradle, and B its supporting-stand, the two being constructed and arranged as represented or in any other suitable manner.

Extending down from the crown of the arch *a* of the stand is a spiral spring, C, which at its lower end is jointed to the inner ends of the curved bars D D, arranged in the stand, and having their longer arms connected with the crib at its opposite ends, as shown. Each of the said levers has extended from it an eye, *b*, to receive one of two hooks, *c c*, projecting from the arch of the stand. If desirable, each of the curved levers may be constructed of wire twisted into proper form, as shown, in which case such levers will be more or less elastic. When the levers are in engagement with the hooks the crib may be swung laterally with a pendulum movement, and thus will be supported by the spiral spring, which will be contracted lengthwise by the weight of the crib. In this way the crib will have an elastic support, even while the levers are in connection with the hooks. On the levers being unhooked from the hooks they will be supported by the spring alone, in which case a child, when in the crib, can impart it pleasurable vertical reciprocating movements.

The fan is shown at F as supported by two rods, G H, arranged with it, the arch of the stand, and with one of the curved levers D, in manner as represented. The fan is pivoted to the longer of the two rods at its lower end, such rod at its upper end being stiffly pivoted to the arch in order that while in the inclined position, as represented, such longer rod H will maintain such position under the weight and vibrating movements of the fan, the rods, with the fan, being capable of being moved upward into the positions indicated by dotted lines, in order for the fan not to interfere with the placing of a child in or his removal from the crib. The shorter rod G is jointed at its ends to the fan-handle *h* and to one of the levers D. As the crib may play vertically, a vibratory motion will be imparted to the fan to cause it not only to produce currents of air to cool the child, but to keep flies or insects from him.

A lever, I, provided with a stud, K, and arranged as shown, is pivoted to the lower bar, *e*, of the stand, and is connected by a link, *f*, with a treadle, L, pivoted to the stand. On depressing the treadle the lever will be moved so as to force the stud K up against the crib and move it upward in order to set it and the fan in motion or vibration.

Hooks N are applied to the standard B, as shown, which, when hooked into eyes O in the ends of the crib, serve to firmly sustain said crib in position while a child is being removed from or placed therein.

I do not herein claim the combination of the crib A and its supporters B with the spring C, hooks *c c*, and levers D D, arranged and applied as described, such being the subject of the aforesaid Letters Patent; but

I claim—

1. The combination of the fan F and its sustaining-rods G H with the crib A, stand B, the spring C, and the two levers D D, all being arranged and applied substantially and to operate as set forth.

2. The combination of the treadle L and le-

ver I, provided with the stud K, with the stand B, and with the crib A and its supporting-spring C and levers D D, all being substantially as set forth.

3. The combination of the treadle L, lever I, and stud K with the crib A and stand B and their supporting-spring C and levers D D, and with the fan F and its sustaining-rods G H, all being arranged and applied substantially and to operate as set forth.

FRANK W. BARKER.

Witnesses:
R. H. EDDY,
E. B. PRATT.