

**AN IMPROVED STRUCTURE OF A HAMMOCK TYPE
INFANT CRADLE**



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ABSTRACT OF THE DISCLOSURE



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An improved structure of a hammock type infant cradle is disclosed.
The cradle comprises a plurality of tension springs, a tracking
mechanism and a fabric cradle, and the tracking mechanism is
connected to a plurality of tension springs by a suspension bar having
10 a top hook and a bottom hook at the end thereof, and a fabric cradle
mounted to the tension springs by means of a support. The tracking
mechanism is provided with a movable level mounted at one end to a
first gear mounted on a base, the other end of the movable level is
connected to cord for connection to the support of the cradle, a
15 spring is connected at one protrusion positioned on the movable level
and the other end of the spring is connected to the base, a pointer is
urgingly mounted to the first gear of the tracking mechanism such
that the up and down movement of the movable level as a result of
the rotation movement of the first gear drives the pointer to touch
20 either contact A or B of a switch device positioned on the base,
thereby the downward movement of the cradle pulls the cord
downward and the pointer touches contact A which cut OFF the
current to the motor driving the second gear, and when the pointer
touches contact B the motor is ON and the movable level moves
25 upward as the second gear rotates clockwise.
(FIG. 4)