(No Model.)

L. KOSS.

BABY MATTRESS.

No. 321,983. Patented July 14, 1885.

Fig. 1.

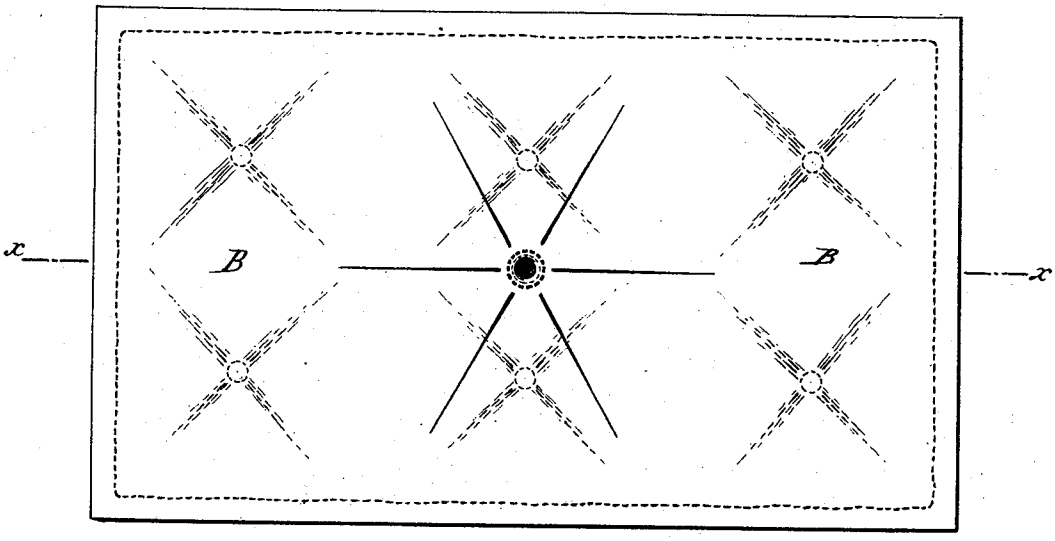


Fig. 2.

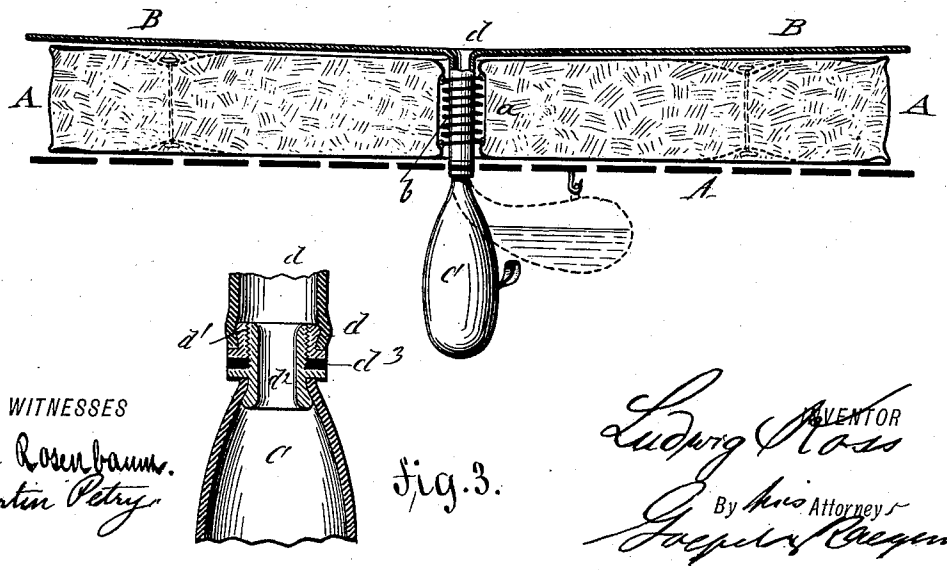


Fig. 3.

WITNESSES

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UNITED STATES PATENT OFFICE.

LUDWIG KOSS, OF BROOKLYN, NEW YORK.

BABY-MATTRESS.

SPECIFICATION forming part of Letters Patent No. 321,983, dated July 14, 1885.

Application filed March 30, 1885. (No model.)

To all whom it may concern:

Be it known that I, LUDWIG KOSS, of Brooklyn, in the county of Kings and State of New York, have invented certain new and useful Improvements in Baby-Mattresses, of which the following is a specification.

This invention has reference to a mattress for baby-beds; and the invention consists of a mattress having an opening passing through the same and a water-proof covering, which communicates by a downwardly-extending tube passing through the opening of the mattress with a detachable receptacle below the mattress. A spiral spring is arranged in the opening of the mattress and attached to the mattress.

In the accompanying drawings, Figure 1 represents a top view of my improved baby-mattress; Fig. 2, a vertical longitudinal section on line *x x*, Fig. 1; and Fig. 3, a detail section showing the connection of the discharge-tube with the collecting vessel or bulb.

Similar letters of reference indicate corresponding parts.

A in the drawings represents a mattress for baby-beds, and B a covering of rubber or other water-proof fabric, which is placed on top of the mattress. The mattress is provided, preferably at its center, with an opening, *a*, in which a spiral stiffening-spring, *b*, is arranged, that is attached to the mattress, and which spring serves to keep up the proper degree of resistance of the mattress around the opening *a*. The covering B is provided vertically above the mattress A with a downwardly-extending tube, *d*, which may be integral with the covering B or attached in a suitable manner thereto. The lower end of the tube *d* is provided with a metal collar, *d'*, having interior thread, into which is screwed the threaded neck d^2 of a rubber bulb or other receptacle, C. Between a shoulder of the collar *d'* and a shoulder of the neck d^2 is interposed a rubber washer, d^3, by which the tight connection between the tube *d* and the bulb C is established. The water is drained off through the tube *d* to the receptacle or bulb C, which can be readily removed for being emptied and cleaned by being unscrewed from the tube *d*, and replaced after cleaning.

As the weight of the child depresses the middle part of the mattress, the water runs readily toward the draining-off opening and is collected by the receptacle, so that the mattress is kept clean and dry.

For airing the mattress, the cover B is removed after the bulb is detached, the parts being readily replaced again for use.

Having thus described my invention, I claim as new and desire to secure by Letters Patent—

The combination of a mattress having a vertical opening and a spiral spring arranged in the opening, a water-proof covering having a downwardly-extending tube passing through said opening, and a detachable bulb or other receptacle attached to the tube, substantially as set forth.

In testimony that I claim the foregoing as my invention I have signed my name in presence of two subscribing witnesses.

LUDWIG KOSS.

Witnesses:

PAUL GOEPEL,

SIDNEY MANN.