(No Model.)

R. STEINER.

DOLL.

No. 427,927. Patented May 13, 1890.

Fig. 1

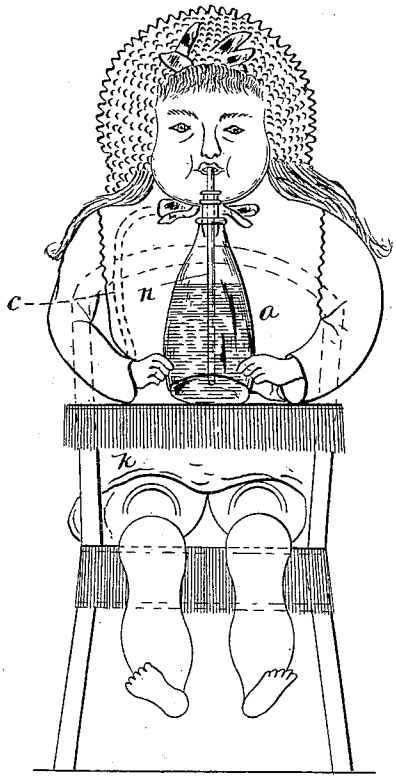
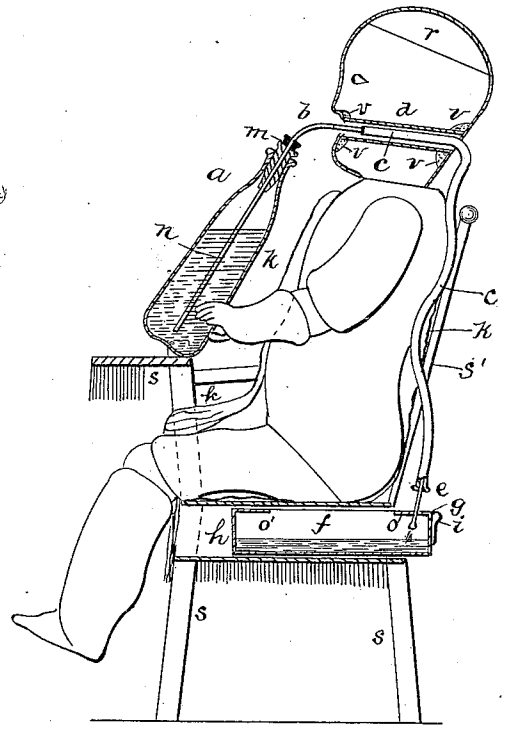


Fig. 2.



Witnesses
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UNITED STATES PATENT OFFICE.

RUDOLF STEINER, OF SONNEBERG, SAXE-MEININGEN, GERMANY.

DOLL.

SPECIFICATION forming part of Letters Patent No. 427,927, dated May 13, 1890.

Application filed October 31, 1889. Serial No. 328,878. (No model.)

To all whom it may concern:

Be it known that I, RUDOLF STEINER, a subject of the Emperor of Germany, residing at Sonneberg, in Thüringen, Dukedom of Saxe-Meiningen, German Empire, have invented certain new and useful Improvements in Dolls, of which the following is a specification.

This invention relates to that type of dolls having a tube carrying a bottle and designed to simulate a child using a feeding or sucking bottle.

The objects of my invention are to avoid the employment of hand-pumps or compression-bulbs, and to provide a doll of the character mentioned wherein the liquid in the bottle is continuously siphoned from the bottle through the doll-mouth into a receptacle. To accomplish these objects my invention involves the combination or arrangement of parts and the principles of operation hereinafter described and claimed, reference being made to the accompanying drawings, in which—

Figure 1 is a front view of the doll, and Fig. 2 is a side view partially in section.

Through the head of the doll extends a pipe *d*, one extremity of which terminates in the mouth and the other in an orifice formed in the rear part of the head, the two ends being luted to the head at the points *v v v v*, so as to form tight joints. To enable this pipe, which may consist of wood, to be conveniently introduced into the head, the upper part *r* of the latter is adapted to be removed, and is fixed with glue or the like after inserting the pipe. Through this pipe *d* extends an india-rubber pipe *c*, which in the front part of the doll's mouth is slid upon a short bent pipe *b*. This pipe *b* is inserted into the hollow stopper *m* of a bottle *a*, and another pipe *n* leads from the stopper to the lower part of the bottle. The aforesaid india-rubber pipe *c* passes from the rear part of the head of the doll downward to a receptacle *f*, concealed below the seat of the chair, the said india-rubber pipe *c* being provided at its lower end with a nozzle *e*, which fits into the hole *o*, formed in the aforesaid receptacle *f*. Accordingly the conduit *n b c e* constitutes a siphon, the longer leg of which is situated at the back of the doll. The said india-rubber pipe *c* is partly covered at the back by the hair on the rear part of the head and by the clothes *k* of the doll. In the chair *s*, upon which the doll sits, is provided a space for the above-mentioned receptacle *f*, which is preferably a small sheet-metal box. This receptacle is provided above with a narrow cover, through which the aforesaid nozzle passes. To a hinge *g* on the said receptacle is secured a ring *i*, by means of which the receptacle can be drawn from underneath the seat of the doll.

When the bottle has been filled, the siphon is set in action by drawing a small quantity of the liquid from the bottle with the aid of the said nozzle, which is then inserted into the hole *o* in the cover of the said receptacle, so that the liquid contained in the bottle will pass through the siphon *n m b c e* to the receptacle *f*. As the rear part of the india-rubber pipe *c* is not noticed, it has the appearance of a child sucking the contents from the bottle.

In lieu of the aforesaid box of sheet metal, a small pot, bottle, or the like may be used. Moreover, the receptacle and the lower part of the siphon may be covered by suitable curtains attached to the back *s'* of the doll's chair.

What I claim is—

1. The combination, with a doll and a receptacle, of a siphon extending through the doll-head, with the short leg depending from the doll-mouth to enter a bottle, and the long leg depending to and removably connected with the receptacle for continuously siphoning the contents of the bottle into the receptacle, substantially as described.

2. The combination, with a doll, of a doll-supporting chair carrying a liquid-receptacle, a siphon extending through the doll-head, with the long limb extending down the doll-back and removably engaged with the receptacle, and the short limb extending from the doll-mouth, carrying a bottle-stopper, and adapted to extend into a bottle to continuously siphon the contents thereof into the receptacle, substantially as described.

3. The combination, with a doll, of a support on which the doll rests, a liquid-recep-

tacle carried by the doll-support, a siphon extending through the doll-head, with the long limb extending down the doll-back and removably connected with the receptacle, and the short limb extending into a bottle, and a bottle-support located above the liquid-receptacle, substantially as described.

In witness whereof I have hereunto set my hand in presence of two witnesses.

RUDOLF STEINER. [L. S.]

Witnesses:
H. SCHOMBERG,
DARIUS STEINER.