

No. 691,266.

Patented Jan. 14, 1902.

E. HILL.
TOY.

(Application filed Feb. 6, 1891.)

(No Model.)

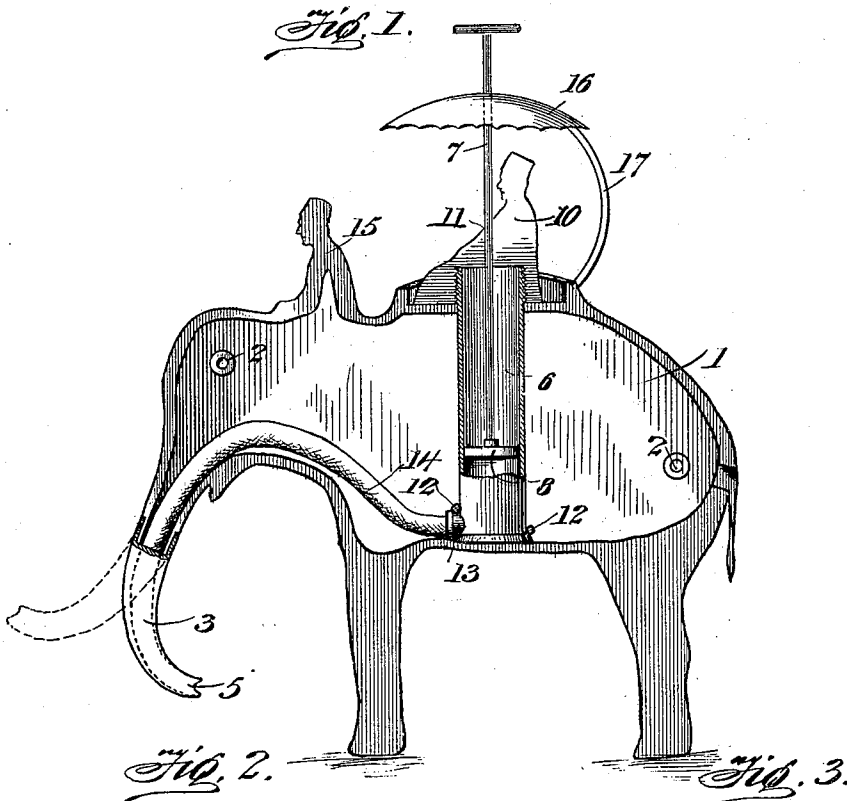


Fig. 2.

Fig. 3.

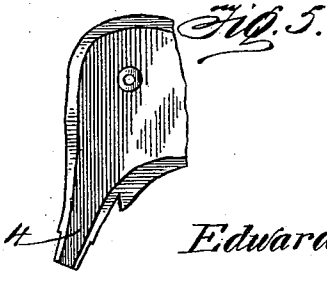
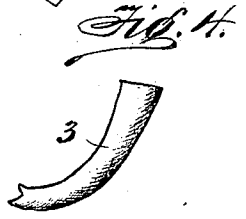
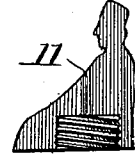
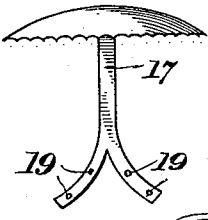


Fig. 4.

Fig. 5.

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UNITED STATES PATENT OFFICE.

EDWARD HILL, OF NEW BOSTON, NEW HAMPSHIRE.

TOY.

SPECIFICATION forming part of Letters Patent No. 691,266, dated January 14, 1902.

Application filed February 6, 1901. Serial No. 46,197. (No model.)

To all whom it may concern:

Be it known that I, EDWARD HILL, a citizen of the United States, residing at New Boston, in the county of Hillsborough and State of New Hampshire, have invented certain new and useful Improvements in Toys; and I do hereby declare the following to be a full, clear, and exact description of the invention, such as will enable others skilled in the art to which it appertains to make and use the same.

The present invention relates to improvements in toys, and more particularly to those toys which are provided with means for spouting water.

It consists of a miniature representation of an animal constructed of any suitable material and provided with means, as a pump, for spouting water.

It also consists of a body portion whose outer contour is representative of any of the animals, and a pump inclosed by the body portion, whereby water or other liquid may be drawn into the body portion and then forcibly expelled therefrom.

It further consists of certain other novel constructions, combinations, and arrangements of parts, as will be hereinafter more fully described and claimed.

In the accompanying drawings, Figure 1 represents a view in vertical longitudinal section of one embodiment of my invention. Fig. 2 is a detail view of the canopy. Fig. 3 is a similar view, in vertical cross-section, of the figure forming the cap of the pump; Fig. 4, a view in detail of the adjustable proboscis; and Fig. 5 is a similar view of the elephant's head, illustrating the abbreviated trunk adapted to receive the adjustable one.

Referring to the drawings by numerals, 1 indicates the body portion of the toy, and the outer contour of the same may be made to represent any of the animals, although for illustration I have chosen for convenience that of an elephant. The body portion may be made of any suitable material and in two or more parts and secured together by rivets, bolts, or other fastening means 2 2. An adjustable trunk, as 3, is provided and adapted to be received by the abbreviated portion 4 in such manner that the curved outer end 5 of the proboscis 3 may assume various positions, as shown in dotted lines in Fig. 1.

A pump is provided and inclosed by the body portion of the toy, the said pump comprising a cylinder, as 6, and a piston 7, having a piston-plate 8 at one end and a button 9 at the other. The top of the cylinder 6 is provided with a cap 10, threaded or otherwise secured thereon, the said cap being preferably in the form of an ornamental figure and provided with an aperture 11, through which the piston passes. The upper portion of the cylinder 6 is held by passing through the upper portion of the body portion of the toy, and the lower end of said cylinder is held by rivets or other securing means 12 12. At the lower end of the said cylinder is provided an apertured projection 13, which forms an inlet and outlet for water or other fluids which may be operated upon, and a flexible tube, as 14, is adapted to be secured in any manner to the projection 13 and extend to the outer extremity of the adjustable trunk 3.

Any form of ornamentation may be employed to embellish the toy and make it more attractive to small children—as, for instance, in the embodiment of my invention disclosed in the accompanying drawings a figure 15 may be placed on the forward portion of the body of the toy and a canopy 16 arranged over the cap or figure 10 and supported by a curved stay 17, which is bifurcated at its lower end and secured, by means of screws or otherwise through holes 19, to the main body of the toy to the rear of the figure or cap 10.

From the foregoing description the operation of the toy will be readily apparent. When the plate 8 is in its lowermost position, the end 5 of the proboscis 3 is submerged and the operator's hand is upon the button 9. All that is necessary is to give an upward pull upon said button 9, and the suction formed by the upwardly-moving plate 8 will tend to fill the cylinder 6 with liquid. When the piston has assumed its uppermost position and the cylinder is filled, the end 5 of the proboscis 3 should be set in the direction in which it is desired to throw the stream, and a downward pressure upon the button 9 will effect the spouting of the liquid.

Although I have only shown and described one embodiment of my invention—that of a toy elephant—I do not wish to be understood as limiting myself to this specific construc-

tion, but claim the broad idea of applying my spouting apparatus to any form of toy, and I further desire it understood that I do not limit myself to the specific size, shape, or minor details of construction of my improved toy.

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

1. A toy whose outer contour presents the appearance of an animal, a reservoir located within the animal, and hand-operated means extending from within said reservoir outside the toy for creating a vacuum within the reservoir by means of which water or other liquid may be drawn into the reservoir, the construction being such that a reversal of the operation producing the vacuum will cause said liquid to be forced out of the reservoir for causing the toy to appear as spouting water, substantially as described.

2. A toy whose outer contour presents the appearance of an animal, hand-operated means, operable from outside the animal, for drawing liquid within the toy and forcing the liquid from the toy in a stream or jet, said liquid passing out at the point of entry, substantially as described.

3. A toy, comprising in its construction a main body portion, means operable from outside the said body portion for drawing liquid into and spouting it out of said main body portion, and an adjustable member attached to said main body portion, whereby the di-

rection of the spouted liquid may be changed at will, substantially as described.

4. A toy, comprising in its construction a main body portion whose outer contour has the appearance of an animal, one or more of the members of the animal being adjustably secured thereto, hand-operated means for drawing liquid within the animal so as to charge it therewith, said means also being capable of forcing the water out of said main body portion when desired, and means connecting the operating means with the adjustable member whereby the spouted liquid may have its direction changed when desired, substantially as described.

5. A toy, comprising in its construction a main body portion having an outer contour of the appearance of an animal, representations of human figures carried by said main body portion, a canopy over one of said figures, a member adjustably secured to the main body portion, a pump within said main body portion, one of said figures forming the cap to said pump, and a flexible tube connecting said pump with said adjustable member, substantially as described.

In testimony whereof I hereunto affix my signature in presence of two witnesses.

EDWARD HILL.

Witnesses:

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KARL W. WHEELER.