Sept. 28, 1926.

1,601,298

T. F. DAVIS

TOY

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Fig. 1.

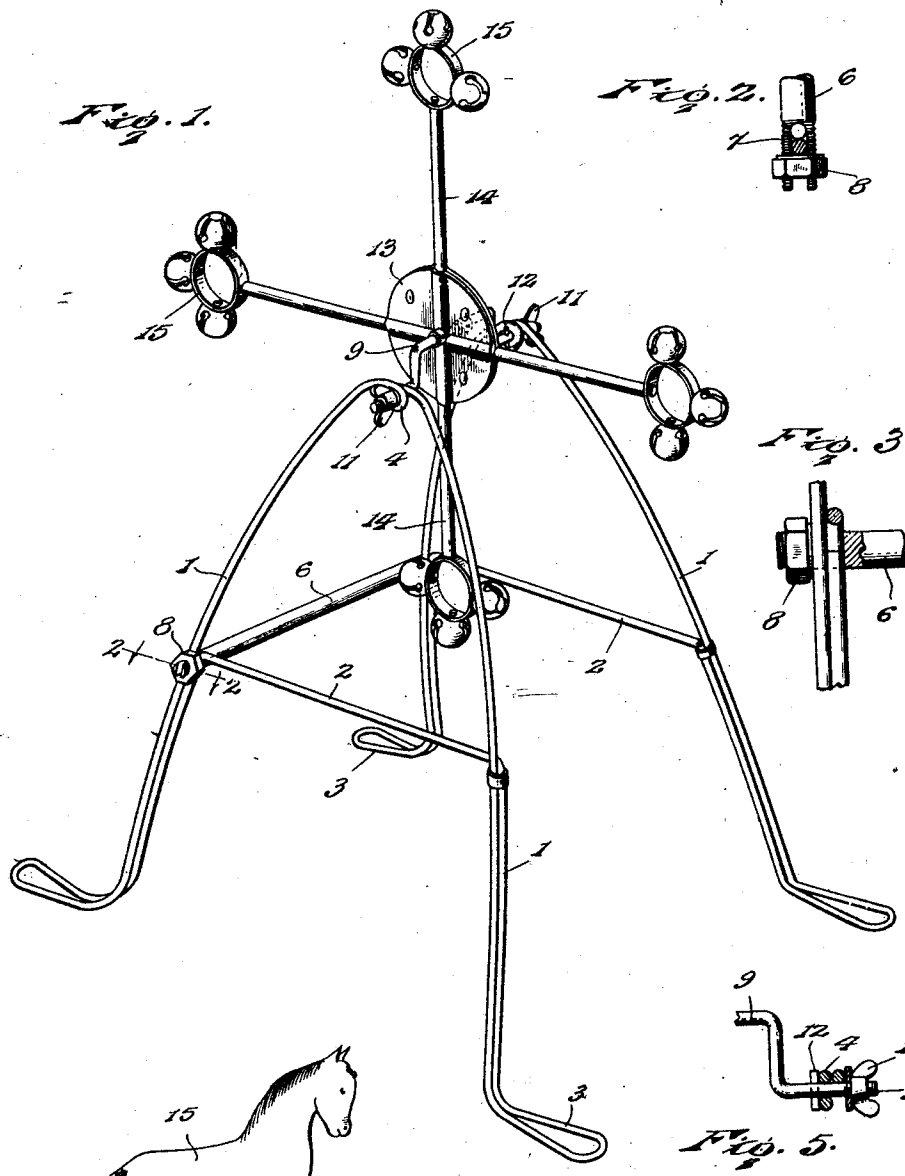



Fig. 2.




Fig. 3.



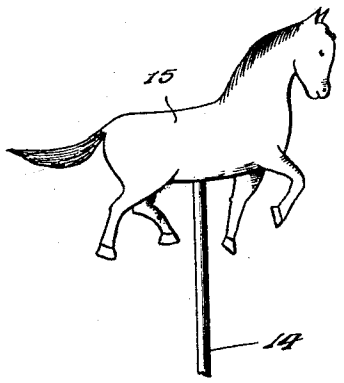




Fig. 4.




Fig. 5.

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# UNITED STATES PATENT OFFICE.

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## TOY.

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The invention relates to a toy for the amusement of children and provides an article which will engage the attention of the child and serve to train the eyes and exercise the hands and arms.

The invention also aims to provide a toy which is sanitary and which cannot be readily cast aside, or dropped, and which partakes of the nature of a rattle since it emits a sound when moved.

The toy embodies a light supporting frame which may be readily taken apart and easily and quickly assembled, a rotary member, rattles carried by the rotary member, and an adjustable mount for the rotary member to admit of varying its position as required.

While the drawings illustrate a preferred embodiment of the invention it is to be understood that in adapting the means to meet specific needs and requirements, the design may be varied and such other changes in the minor details of construction may be resorted to within the scope of the invention as claimed, without departing from the spirit thereof.

For a full understanding of the invention and the merits thereof reference is to be had to the following description and the drawings hereto attached in which,—

Figure 1 is a perspective view of a toy embodying the invention,

Figure 2 is an enlarged detail sectional view on the line 2—2 of Figure 1,

Figure 3 is a fragmentary view of the parts illustrated in Figure 2,

Figure 4 is a modified form of rattle, the body of which presents the figure of a horse, and

Figure 5 is a detail view of an end portion of the mount for the rotary member.

Corresponding and like parts are referred to in the following description and designated in the several views of the drawings by like reference characters.

The toy comprises a suitable supporting frame, a rotary member, an adjustable mount for the rotary member and rattles, carried by the rotary member and of any determinate shape and construction.

The supporting frame comprises similar, or like side members constructed of wire, or analogous material. The side members are substantially of A-form, each consisting of legs 1 and a cross-piece 2, which bracingly connects the legs intermediate their ends. Each of the legs 1 terminates in a foot 3, which provides an extended bearing therefor. Each of the side members has an eye 4 at its upper end in which is mounted the crank axle upon which the rotary member is mounted. Each side member of the supporting frame consists of a length of wire of suitable gage bent into the form substantially as shown. The lower portion of the leg 1 is double and the feet 3 consists of loops. The ends of the wire are brought together and held fast by a cross-brace 6, the ends of which are threaded, as indicated at 7 and slotted for a short distance to receive the overlapping ends of the wire, as indicated most clearly in Figures 2 and 3, said ends being confined in the slot by means of a nut 8.

The amount for the rotary member consists of a crank axle 9, the crank ends 10 of which are mounted in the eyes 4 and threaded to receive thumb-nuts 11, the eyes 4 being clamped between the thumb-nuts 11 and stops 12 which consists of pins applied to the crank ends 10 by passing through openings formed therein. Upon loosening the nuts 11, the crank axle may be adjusted to move the rotary member to any determinate point within the range of adjustment and the position of the part is fixed by retightening the clamp nuts 11, as will be readily understood.

The rotary member comprises a hub 13 and arms 14 and these parts may be of any determinate formation, depending upon the general design of the toy. A rattle 15 is provided at the outer end of each of the arms 14 and may be of any construction usually provided for the amusement of children. The rattle shown in Figure 1 consists of a ring to which bells are attached. As shown in Figure 4, the body of the rattle consists of a figure, and while that illustrated represents the outline of a horse, it is to be understood that the body may represent any desired animal or object, said body being hollow and containing any suitable noise producing elements.

The toy may be placed upon a bed, or within a carriage, or upon the floor and the rotary member is adjusted so that the infant, or child may reach and toy with the rattles. The construction is such that the toy can not be dropped, nor easily cast aside, and moreover, the construction precludes the insertion of the rattle in the mouth, thereby prevent-

ing infection and providing a toy which is sanitary. The rattle 15 constitutes in effect an amusement device and may be replaced by any equivalent article.

Having thus described the invention, I claim:

1. A toy comprising a frame including side members, a mount having crank ends engaging the side members and adjustable to throw the intermediate portion at different distances and angles from a given point, means applied to the crank ends to clamp them to the side members of the frame in the required adjusted position, and an amusement device supported on the intermediate portion of the said mount.

2. A toy of the character specified, comprising a supporting frame, including similar side members, each having an eye at its upper end, an axle having crank ends mounted in the eyes of the side members, means on the crank ends of the axle to clamp the respective eyes and secure the axle in the required position, and a rotary member mounted upon the intermediate portion of the axle and provided with a rattle.

3. A toy comprising side members of substantially A-form having eyes at their upper ends, a cross-brace connecting the side members, a crank axle adjustably mounted in the eyes of the side members, means for securing the crank axle in an adjusted position and a rotary member mounted upon the crank axle and provided with rattles.

In testimony whereof I affix my signature.

THOMAS F. DAVIS. [L. S.]