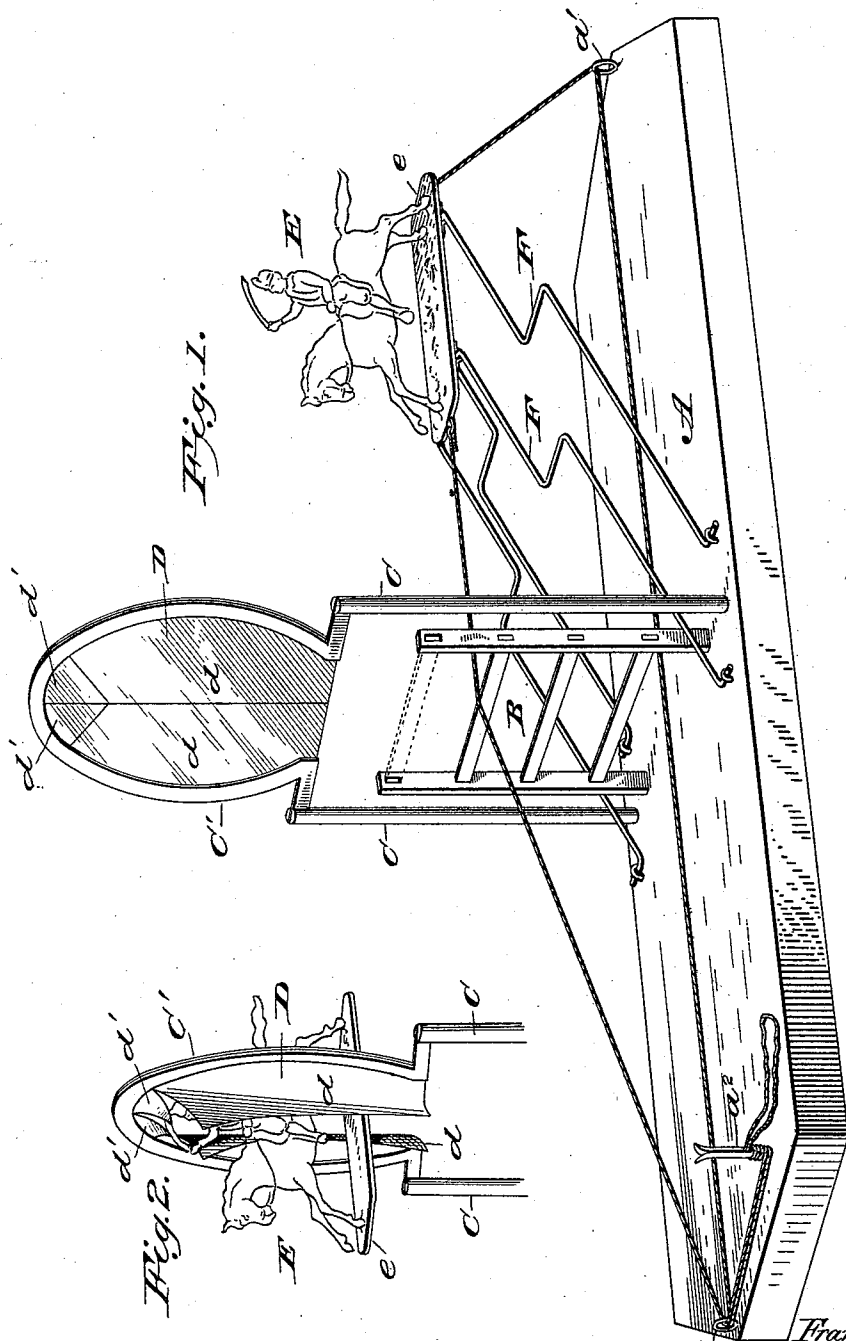


F. B. HARVEY.
TOY.

Patented Dec. 11, 1894.



WITNESSES
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by 

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UNITED STATES PATENT OFFICE.

FRANCIS B. HARVEY, OF GLEN MOORE, PENNSYLVANIA.

TOY.

SPECIFICATION forming part of Letters Patent No. 530,769, dated December 11, 1894.

Application filed August 16, 1894. Serial No. 520,515. (No model.)

To all whom it may concern:

Be it known that I, FRANCIS B. HARVEY, a citizen of the United States of America, residing at Glen Moore, in the county of Chester and State of Pennsylvania, 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, reference being had to the accompanying drawings, and to letters of reference marked thereon, which form a part of this specification.

The object of my invention is to provide a cheap, simple and amusing toy which simulates a horse and rider jumping over a hurdle and through a hoop after the manner of a circus performance; and it consists in a toy having a base upon which is mounted a hurdle and a frame supporting a hoop, the base also carrying parallel arms or bails which are pivoted thereto and to a platform supporting a figure which is adapted when the toy is operated to move over the hurdle and through the hoop or ring, means being provided for actuating the figure.

In the accompanying drawings which illustrate my invention, Figure 1 is a perspective view, and Fig. 2 is a detail view of the hoop through which the figure passes.

A designates the base which is provided at each end with an eye, a a' , through which pass the operating cords. The base may also be provided with a suitable catch or cleat, as a^2 , to which the cord can be secured.

B designates the hurdle, the posts of which are secured to the base at about the center thereof, the lower ends of the posts preferably fitting in sockets. The cross-rails are attached to the posts in any suitable manner. At a suitable distance beyond each post sockets are also provided in the base A in which fit posts C C which extend higher than the posts of the hurdle and support a frame C' bent in the shape of a hoop or ring open at its lower portion.

D designates the material for closing the ring which is preferably made up of light leather or paper and consists of parts or sections d d and d' which are attached to the partially open hoop or ring and meet at their

edges as shown in Fig. 1 of the drawings. By cutting the fabric or material supported by the hoop C' in the manner shown the flaps so formed will come readily together after being separated by the passage of an object there-through. The smaller sections d' naturally hang down and the curved outer edges of the sections d d hold the straight edges together.

E designates a figure, preferably that of a circus-rider mounted on a horse. The horse rests upon a platform e which is pivotally attached to the upper ends of parallel swinging arms or bails F, or the feet of the horse may be so positioned that they can be pivoted directly to the arms or bails. The arms or bails are pivotally secured in any suitable manner to the base A on each side of the hurdle and ring supporting frame, and at a distance slightly greater than the height of the hurdle these arms are bent inwardly and then upwardly, the upper ends being pivotally attached to the figure or platform thereof.

To pack the toy the hurdle and supporting posts C C may be removed from their sockets, and the cord wrapped and fastened to hold the figure securely on the base. The hurdle and frame C may then lie flat on the under side of the base so that the toy can be packed comparatively flat.

If desired other objects may be substituted for the hurdle and ring, and when the platform e is used different characters of figures may be mounted thereon.

In use by drawing upon the string which passes through the eye a' the figure will be raised and its movement will simulate a horse and rider jumping over a hurdle and through a partially open hoop. After the jump is made by drawing upon the string which passes through the eye a' the figure will be brought back to the first position.

Owing to the manner of operating this toy it is proposed in some instances to pivot the figure upon the platform.

Having thus described my invention, I do not wish to be limited to the precise manner of constructing the same herein shown, but reserve the right to modify the same within the spirit and scope of my claims.

I claim—

1. In a toy, the combination, of a base having a hurdle and hoop carrying frame mounted

thereon, and a figure pivotally supported on the base and adapted to be actuated so as to jump the hurdle and pass through the partially open hoop, substantially as shown, and
5 for the purpose set forth.

2. In a toy, the combination with a supporting base carrying centrally a hurdle B and posts C C which extend above the hurdle and support a partially open hoop or ring having
10 flexible sections *d d'* carried thereby, of arms F F pivotally attached to the base on opposite sides of the hurdle and posts, the upper ends of said arms carrying a figure, and means for actuating the arms to cause the figure to
15 move over the hurdle through the partially open hoop and between the sections carried thereby, substantially as shown.

3. In a toy, the combination, of a base carrying eyes or guides *a* and *a'*, arms F F pivoted to the base and connected to a platform upon which is mounted a figure, and flexible connections extending from said platform

through the eyes to move the figure in opposite directions upon the base, substantially as shown.

4. In a toy, the combination, of a base having a hurdle and a supporting frame for a partially open hoop or ring carried thereby, of a pair of arms or bails pivoted to the base on opposite sides of the hurdle and within the
25 hoop supporting frame, a platform connecting the upper ends of the arms or bails to each other, a figure mounted on the platform, and means for moving the platform so that the figure thereon will be carried over the hurdle
30 and through the partially open hoop or ring, substantially as shown and for the purpose set forth.

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

FRANCIS B. HARVEY.

Witnesses:

O. THOS. PHILIPS,
HERBERT RUSSELL.