April 23, 1963 F. A. FASANO 3,086,315

HOOP TOYS

Filed Oct. 21, 1960

FIG. 1.

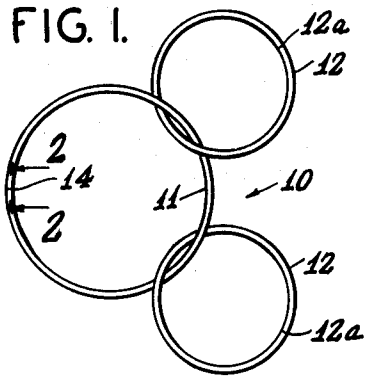


FIG. 2.

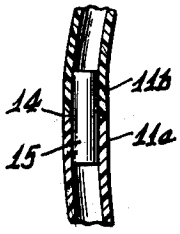


FIG. 3.

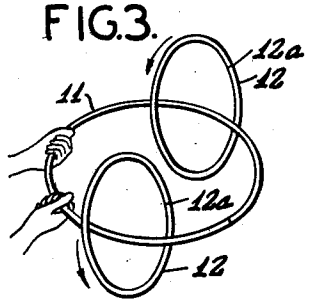


FIG. 7.

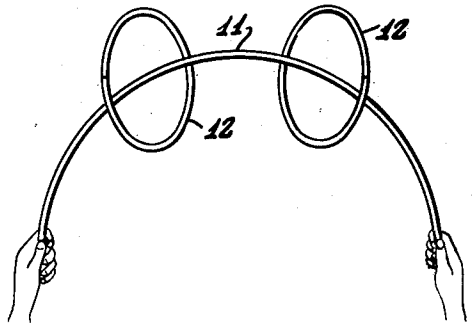


FIG. 4.

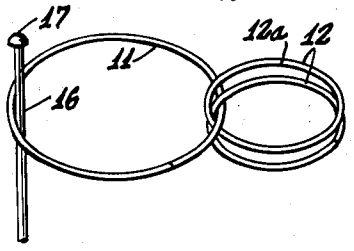


FIG. 5.

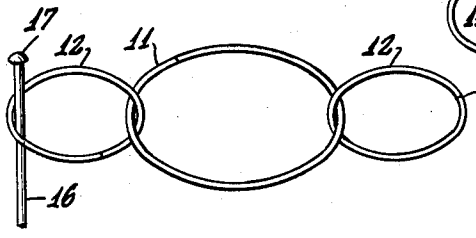


FIG. 8.

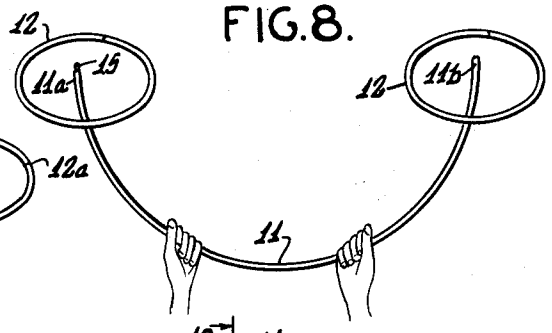


FIG. 6.

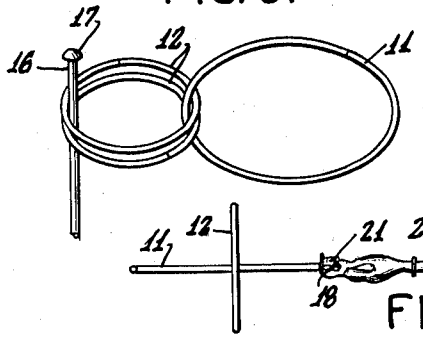


FIG. 10.

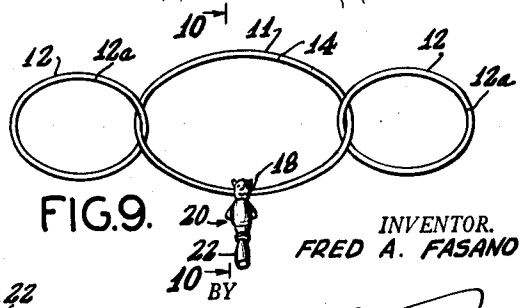


FIG. 9.

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HOOP TOYS

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15 Claims. (Cl. 46—47)

This application is a continuation in part of my co-pending application Serial No. 818,610, filed June 8, 1959, for Hoop Toys, now abandoned.

This invention relates to hoop toys.

An object of this invention is to provide a toy which comprises of a plurality of hoops which differ in size and which may be combined in different groupings for twirling by hand or on the end of a stick. Another object of this invention is to provide a hoop toy of the type described which may be partially disassembled to change the groupings of the hoops.

Another object is to provide a hoop toy of the character described comprising a group of hoops, of which one may be partially disassembled so that the others can be revolved on the one hoop in different ways, either while assembled or partially disassembled.

Yet another object of this invention is to provide a hoop toy comprising a larger hoop, a radial handle attached thereto, and a plurality of smaller hoops looped through the larger hoop.

A further object of this invention is to provide a strong, rugged and durable hoop toy of the character described which is interesting and attractive in appearance, versatile, amusing and safe in use.

Other objects of this invention will in part be obvious and in part hereinafter pointed out. Certain features shown, described and claimed herein are shown and described, but not claimed, in my co-pending application Serial No. 771,588, filed November 3, 1958, now Patent No. 3,015,907.

The invention accordingly consists in the features of construction, combinations of elements and arrangement of parts which will be exemplified in the construction hereinafter described, and of which the scope of invention will be indicated in the following claims.

In the accompanying drawings in which are shown various illustrative embodiments of this invention,

FIG. 1 is a top perspective view of a hoop toy embodying the invention and comprising a larger hoop and two smaller hoops;

FIG. 2 is a cross-sectional view taken along the line 2—2 of FIG. 1;

FIG. 3 is a perspective view illustrating one method of using the toy shown in FIG. 1;

FIG. 4 is a perspective view of a toy embodying the invention and including a twirling rod or stick for twirling the hoops;

FIG. 5 is a perspective view of the toy of FIG. 4 and the twirling rod, showing the hoops in another arrangement;

FIG. 6 is a perspective view of the toy and the twirling rod of FIGS. 4 and 5, showing a still further arrangement of the hoops;

FIG. 7 is a perspective view showing another method of using the toy of FIG. 1;

FIG. 8 is a perspective view showing a still further method of using the toy of FIG. 1;

FIG. 9 is a perspective view illustrating a modified construction of the toy of FIG. 1 with one of the hoops attached to a radial handle; and

FIG. 10 is a side plan view of the toy arrangement of FIG. 9.

Referring now in detail to the drawing, **10** designates a toy embodying the invention, comprising a larger hoop **11** interlooped with a pair of similar, smaller hoops **12**.

The hoops **11** and **12** may be made of tubular material, such as synthetic plastic, rubber, rubberlike plastic, or thin sheet material, such as aluminum. The smaller hoops **12** have diameters between ⅓ and ⅔ of the diameter of the larger hoop.

The tube **11** is split, as at **14**. Into one portion **11***a*, at the split, is fixed a plug or rod **15** which projects therefrom and is frictionally and slidably received in the opposite end **11***b* of said hoop at said split. In use, the larger hoop **11** may be held in the hands of a child and the hoops **12** twirled in the directions of the arrow shown in FIG. 3, about diametrically opposite portions of the larger hoop.

Each of the smaller hoops **12** may be formed with a split **12***a* similar to the split **14** of tube **11**, being provided with a plug or rod **15** fixed in one side of the split for frictional reception in the other side.

The larger hoop **11** may be separated, at the split **14**, to remove the hoops **12**, and then said larger hoop may again be closed at the split and the hoop **11** may be twirled by means of a twirling rod **16** shown in FIGS. 4 5 and 6. The twirling rod **16** comprises a tube or shank which may be made of synthetic plastic and formed with a flared or enlarged top head **17** to prevent the hoop from flying off.

FIG. 4 shows the larger hoop engaged in twirling the two smaller hoops **12**. FIG. 5 shows one small hoop **12** engaged by the twirler **16** and twirling the larger hoop in engagement with the second small hoop. FIG. 6 shows both of the small hoops **12** twirling the larger hoop **11** around the twirling stick **16**.

FIG. 7 shows the split ends **11***a* and **11***b* separated and one end held in each hand of the user. The two smaller hoops can thereby be twirled around the arched member formed by the large hoop.

FIG. 8 shows the central portion of the opened hoop **11** held in the hands of the user and the two smaller hoops **12** being twirled around the outstretched ends of hoop **11**. For this purpose hoop **11** would be made of semi-rigid or resilient material.

FIG. 9 shows a construction wherein the larger hoop **11** is attached at one point **18** to a radial figurine-shaped twirling handle **20**. The head of the figurine **20** is formed with a through opening **21** through which the hoop **11** passes and is fixed thereto. The figurine is also provided with a lower handle portion **22** for convenience in gripping the same. Thus the hoop **11** may be rotated causing the two smaller hoops **12** to spin around the larger hoop, which moves with the hand.

It will thus be seen that there is provided a device in which the several objects of this invention are achieved and which is well adapted to meet the conditions of practical use.

As possible embodiments might be made of the above invention, and as various changes might be made in the embodiment above set forth, it is to be understood that all matter herein set forth or shown in the accompanying drawings is to be interpreted as illustrative and not in a limiting sense.

I claim:

1. In combination, a split hoop, means to detachably attach together the split ends of the hoop, and a pair of hoops smaller than the first hoop and interlooped with the first hoop, said smaller hoops having diameters at least one third the diameter of the larger hoop.

2. The combination of claim 1, and a twirling rod for twirling the hoops.

3. In combination, a hoop, a handle, one portion of said hoop passing through one end of said handle and being fixedly attached thereto, and said hoop lying in the same plane as the handle, and a pair of smaller hoops, said smaller hoops being interlooped with the first hoop,

and being of from one third to two thirds the diameter of the larger hoop.

4. The combination of claim 3, said hoop being split at one point, and means to detachably attach the ends of said hoop at said split.

5. The combination of claim 3, said handle being formed in the shape of a figurine, and said hoop passing through the head of said figurine, and said figurine being formed with an outer gripping portion shaped to fit the hand.

6. A handle having a portion shaped as a figurine, said handle formed with an outer gripping portion, a hoop, said hoop lying in the plane of said handle and being fixedly attached to the head of the figurine portion thereof, a pair of smaller hoops interlooped with the first loop, and each of said smaller hoops being split at one point, and the ends of said smaller hoops being detachably attached at said split.

7. In combination, a hoop, a radial handle fixed at its inner end to the hoop, and a plurality of hoops looped around the first hoop, said plurality of hoops having diameters between one third and two thirds the diameter of the first hoop.

8. The combination of claim 7, said hoops having detachably attachable split ends.

9. In combination, a larger hoop and a pair of smaller hoops looped thereon and having diameters between one third and and two thirds of the diameter of the larger hoop.

10. In combination, a larger hoop and a pair of smaller hoops looped thereon and having diameters at least one third of the diameter of the larger hoop.

11. The combination of claim 10 and a radial handle fixed to the larger hoop and extending outwardly therefrom.

12. The combination of claim 10, said larger hoop being of a size that it can be grasped by two hands and moved in a circular motion.

13. The combination of claim 12, the larger hoop being split and having means to detachably close the hoop at the split.

14. The combination of claim 13, said smaller hoops being split and having means to detachably close the hoops at the splits thereof.

15. A handle, a hoop in the plane of said handle fixed to the outer end of said handle, a pair of smaller hoops interlooped with the first hoop, the diameter of the pair of hoops being of a diameter between ⅓ and ⅔ of the diameter of the first hoop.

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