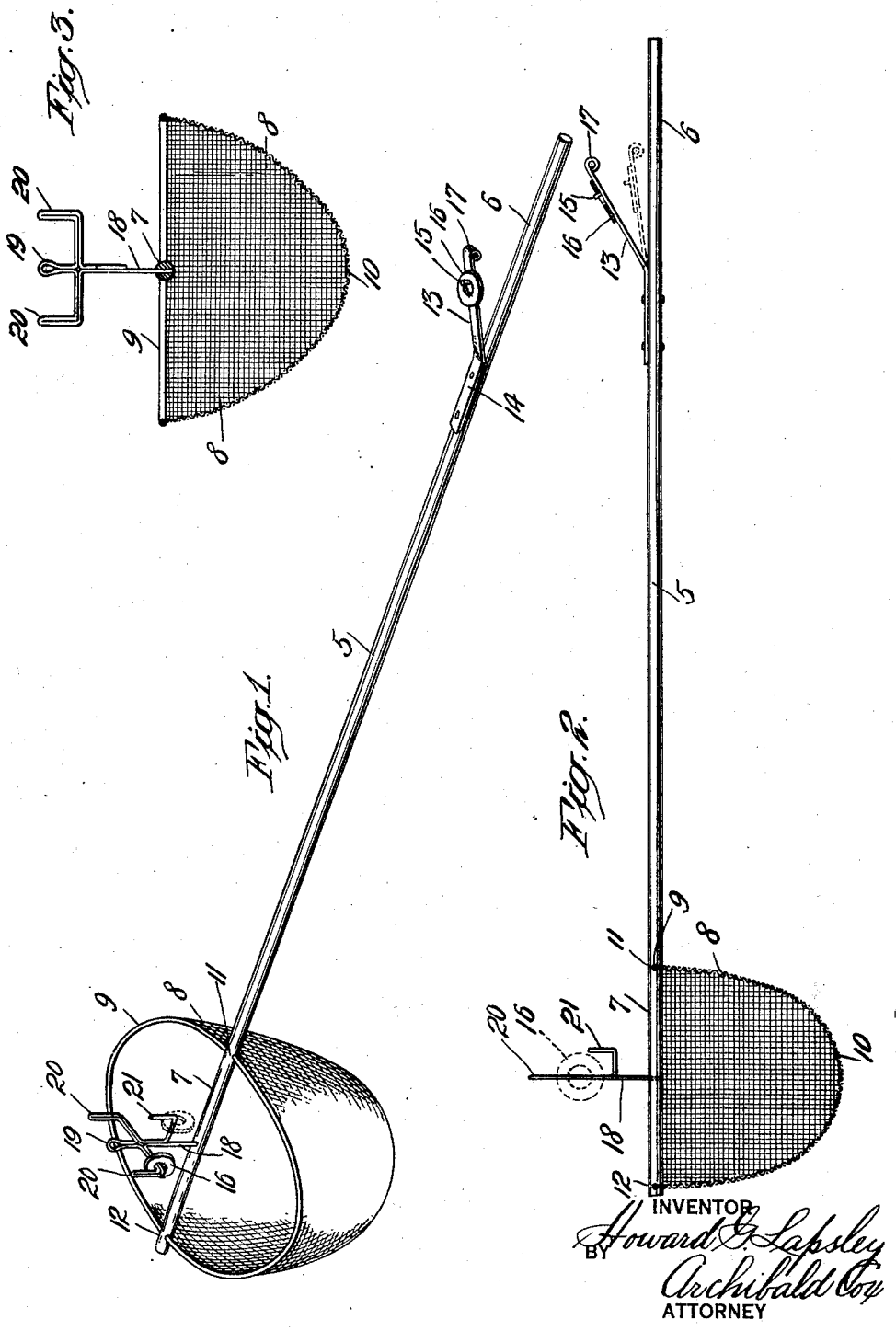
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PROJECTILE TOY

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PROJECTILE TOY

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The invention relates to an improvement in projectile toys.

One object of the invention is to produce a new and improved amusement toy which will not only give the user pleasure but will also call for skill on his part in manipulating the toy and afford him healthy exercise. A further object of the invention is to produce a projectile toy which the user can carry and operate with one hand. To these ends the invention consists in the improved projectile toy hereinafter more fully described and particularly pointed out in the appended claims.

In the accompanying drawings illustrating the preferred form of the invention, Fig. 1 is a perspective view of the improved projectile toy; Fig. 2 is a side elevation of the toy shown in Fig. 1; and Fig. 3 is a cross-section through the net or bag end of the toy.

The improved projectile toy as illustrated in the drawings comprises a rod or stick 5, preferably of wood, of which one end 6 constitutes a handle by which the player or user holds the toy in either his right or his left hand. On the other end 7 of the stick 5 is suspended a meshed net or bag 8 closed at its lower end 10 and provided at its upper open end with an elliptical hoop 9 to keep it permanently open. The hoop 9 fastens in the part 7 of the stick 5 at the points 11 and 12. On the hand end 6 of the stick 5 is mounted a flat obliquely arranged spring 13 the base part 14 of which is secured to the stick. On the upper surface of the spring 13 is a pin 15 over which is adapted to be placed the projectile which in the present instance is in the form of a washer 16 which may be composed of wood or fibre.

In using the improved projectile toy described above, the player grasps the handle 6 in either hand and having placed a projectile 16 on the spring 13 he depresses the end 17 of the spring toward the handle 6 with his thumb. He then suddenly releases the spring 13, whereupon the projectile 16 is shot into the air in the direction of the bag 8. If the player has so manipulated the spring 13, as by releasing it slowly, gradually or suddenly, so as not to direct a projectile into the open end of the net, the player may still be successful in catching the projectile in the net by moving the whole toy so as to place the net under the descending projectile.

In order to afford those using the toy more opportunity to employ their skill and also to add an element of chance to the use of the toy, I provide at the net end of the toy a manikin consisting of the upright 18 adapted to fasten into the part 7 of the stick 5 at substantially the middle point between the points 11 and 12. The manikin is provided with the upright head portion 19, two upturned arms 20 and at its breast with an upturned hook 21. By the exercise of skill and patience the player learns how to manipulate the toy so as to catch a large proportion of the washer-like projectiles on the upstanding points of the manikin. Failing in this he will catch the greater proportion of them in the net 8.

Having thus described the invention what I claim as new is:—

1. A portable projectile toy comprising, a rod, a hoop secured to one end of the rod, the rod passing through the hoop and dividing it, a net secured to and depending below the hoop, a manikin secured to the rod at a point over the net and having upturned projections thereon for catching and holding washer-shaped projectiles, the other end of the rod serving as a handle by which the toy may be manipulated by one hand of the user, a washer-shaped projectile, and an obliquely arranged flat spring secured to the rod and projecting therefrom rearwardly toward the handle and provided on its upper surface with a pin for holding a washer-shaped projectile thereon, the free end of the spring terminating within reach of the hand grasping the handle so that the depression and release of the spring by the hand grasping the handle serves to impel the projectile toward the manikin.

2. A portable projectile toy comprising, a rod, a hoop secured at two points to one end of the rod, a net secured to and depending from the hoop, a manikin mounted on the end of the rod over the net and having upstanding projections for catching and holding washer-shaped projectiles thereon, the other end of the rod serving as a handle by which

the toy may be manipulated by one hand of the user, and spring means mounted on the rod near the handle for projecting a washer-shaped projectile toward the manikin, said spring means being arranged to be operated by the hand manipulating the toy.

3. A portable projectile toy comprising, a rod, a hoop secured to one end of the rod, a net secured to and depending from the hoop, a manikin supported by the rod and located over the net, said manikin having upstanding projections for catching and holding washer-shaped projectiles thereon, the other end of the rod serving as a handle by which the toy may be manipulated by one hand of the user, and spring means mounted on the rod near the handle for projecting a washer-shaped projectile toward the manikin, said spring means being arranged to be operated by the hand manipulating the toy.

HOWARD G. LAPSLEY.