C. H. REYNOLDS.

BALL THROWING AND EXERCISING DEVICE.

APPLICATION FILED OCT. 11, 1919.

1,345,241. **Patented June 29, 1920.**

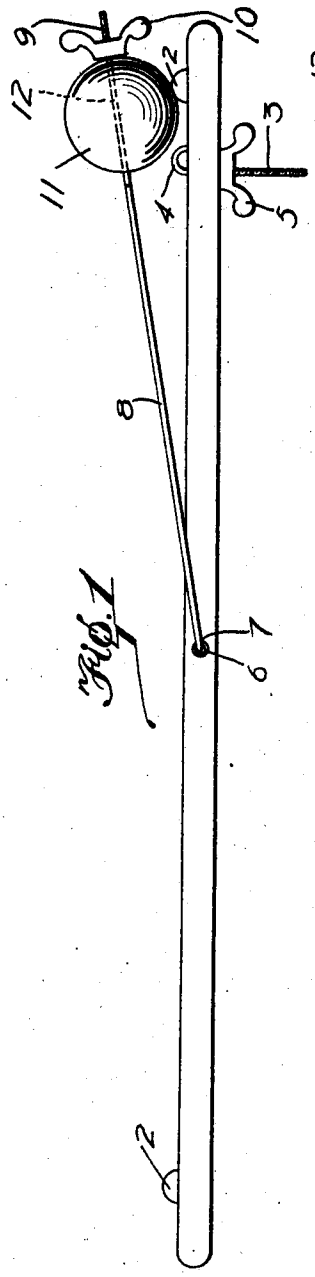


Fig. 1

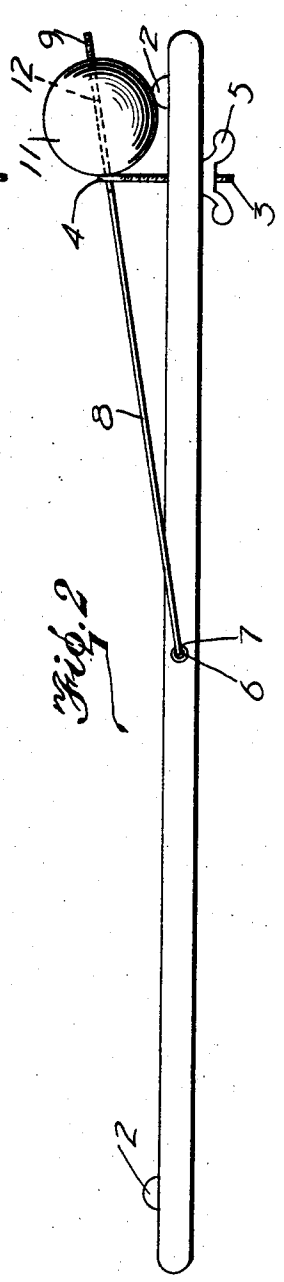


Fig. 2

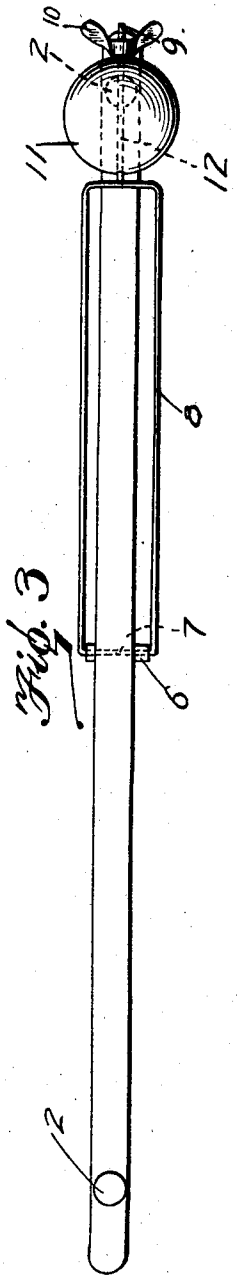


Fig. 3

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Witnesses

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CHARLES H. REYNOLDS, OF HERMOSA BEACH, CALIFORNIA.

BALL-THROWING AND EXERCISING DEVICE.

1,345,241. Specification of Letters Patent. Patented June 29, 1920.

Application filed October 11, 1919. Serial No. 329,900.

To all whom it may concern:

Be it known that I, CHARLES H. REYNOLDS, a citizen of the United States, residing at Hermosa Beach, in the county of Los Angeles and State of California, have invented new and useful Improvements in Ball-Throwing and Exercising Devices, of which the following is a specification.

The object of my present sole invention is the provision of a device that is highly efficient for ball-throwing and exercising purposes.

To the attainment of the foregoing, the invention consists in the improvement as hereinafter described and definitely claimed.

In the accompanying drawings, hereby made a part hereof:

Figure 1 is a side elevation showing my novel device as arranged for use as an exerciser.

Fig. 2 is a similar view with the parts arranged to adapt the device for ball-throwing purposes.

Fig. 3 is a view, partly in plan and partly in section, taken at right angles to Figs. 1 and 2.

Similar numerals of reference designate corresponding parts in all of the views of the drawings.

Among other elements my novel device comprises a stick, preferably of wood, on the side of which are secured cushions 2; said cushions being positioned adjacent to the ends of the stick.

Extending through the stick adjacent to one end thereof is the threaded shank 3 of a hook 4, and on said shank is a wing-nut 5.

Fixed transversely in the stick at the transverse center thereof is a tubular section 6, and journaled in the said tubular section 6 is the inner transverse portion 7 of an open frame 8 which is provided at its outer end with a longitudinal central outwardly extending stem 9. The said open frame 8 constitutes the preferred specific type of ball holder. At its outer end the said stem 9 is threaded to receive a wing-nut 10.

At 11 is the ball of the device in which is a bore 12 to receive the stem 9.

When it is desired to use my novel device as an exerciser, the parts are arranged as shown in Fig. 1; the stick being grasped adjacent to the ends thereof and swung in front of the body of the exerciser, with the result that the ball holder 8 will be swung on the stick and the ball 11 will be caused to forcibly bring up against first one of the cushions and then the other cushion.

When it is desired to use the device for ball-throwing purposes, the parts are arranged as shown in Fig. 2. In this use the stick is grasped in both hands at points remote from the hook 4, and the device is forcibly swung forwardly from over the shoulder of the user. So long as the stick is in motion, the ball will be crowded back against the adjacent cushion 2. When, however, the movement of the stick is suddenly checked as at the end of the stroke, the stem 9 of the holder will spring in a direction away from the said cushion and the ball, because of the impetus, will be caused to leave the said stem.

Manifestly in the first use of the device, the hook 4 and nut 5 may be altogether omitted, Fig. 3.

It will be apparent from the foregoing that notwithstanding the simplicity and inexpensiveness of my novel device, the same is possessed of efficiency when used as an exerciser, and also when used as a ball thrower.

Having described my invention, what I claim and desire to secure by Letters-Patent, is:

1. The combination of a stick, a ball holder including a stem, said holder pivotally connected to said stick to swing thereon and a ball carried on the stem of the holder and removable therefrom.

2. The combination of a stick, cushions on the stick adjacent to the ends thereof, a swinging ball holder connected to the stick and having an outer resilient stem portion, a ball carried on the stem of the holder, removable means for securing the ball on said stem, and means detachable from the outer portion of the holder to hold said portion against movement away from the stick.

3. The combination of a stick, cushions thereon adjacent to the ends thereof, a transverse tubular section fixed to the central portion of the stick, an open, swinging frame having an inner transverse portion journaled in said tubular section, a resilient stem extending outwardly from the outer portion of said frame and threaded, a nut on said stem, a ball removably secured on the stem between the frame and nut, and a

hook to hold the outer portion of the frame against movement away from the stick, said hook having a threaded shank extending through the stick and being equipped with a nut.

4. The combination of a stick, cushions thereon adjacent to the ends thereof, a swinging ball holder pivoted to the stick, and a ball carried by said holder; said ball being adapted to first bring up against one cushion and then against the other.

In testimony whereof I affix my signature.

CHARLES H. REYNOLDS.