

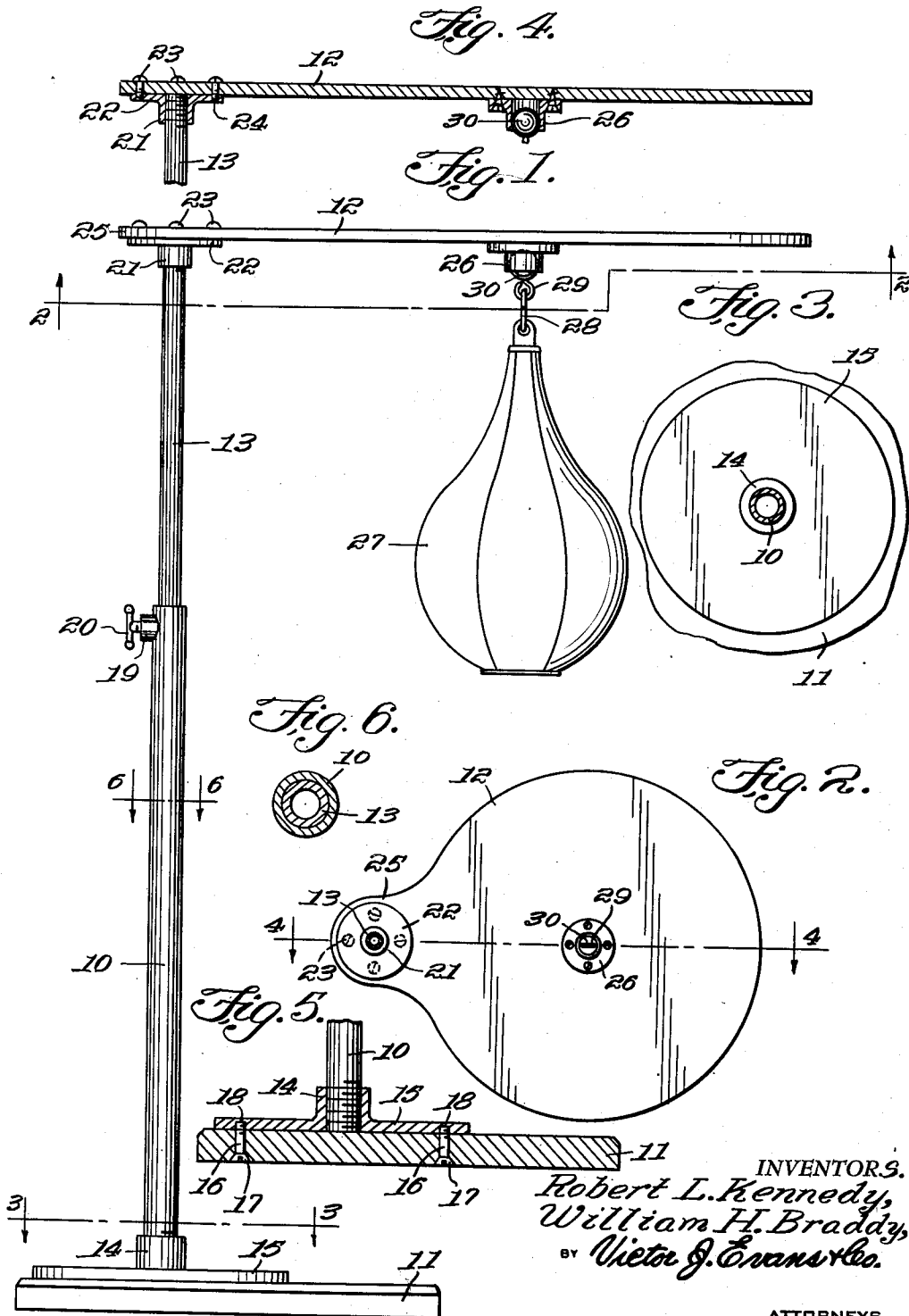
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ADJUSTABLE PUNCHING BAG STAND

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ADJUSTABLE PUNCHING BAG STAND

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1 Claim. (Cl. 248—121)

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This invention relates to sporting goods accessories of the portable type, and in particular includes a punching bag supporting platform mounted on a telescoping post having a relatively heavy flanged lower end and positioned on a base of a size sufficient to compensate for excessive side thrusts resulting from punching a bag carried by the platform.

The purpose of this invention is to provide a portable stand for punching bags in which the height of a platform supporting the bag is readily adjustable for use by athletes of different ages and heights.

Punching bags are usually supported from fixed platforms on hangers or joists and whereas these are satisfactory for gymnasium use they are not suitable for family use where it is desired to raise the punching bag as a child grows; and where adjustable punching bag stands have been provided they are formed with a plurality of posts supported by guy wires and other weights and thrust compensating devices.

With this thought in mind this invention contemplates a punching bag stand with the bag supporting platform carried by a single telescoping pedestal and with the pedestal supported by a base having sufficient weight to hold the platform steady.

The object of this invention is, therefore, to provide means for constructing a telescoping post, means for supporting the post in an upright position against excessive side thrusts and means for supporting a punching bag platform on the upper end of the post so that the platform is balanced and remains substantially stationary as the punching bag is used.

Another object of the invention is to provide an adjustable punching bag stand that may readily be taken apart for packing and shipping and that may also be readily set up for use.

A further object of the invention is to provide an adjustable punching bag stand that is portable and which is of a simple and economical construction.

With these and other objects in view the invention embodies a tubular post having a flange at the lower end, a base on which the post and flange are mounted, a tube vertically slidable in the post, and a platform for supporting a punching bag carried by the upper end of the tube.

Other features and advantages of the invention will appear from the following description taken in connection with the drawings wherein:

Figure 1 is a view showing a side elevation of the punching bag stand.

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Figure 2 is a sectional view looking upward on line 2—2 of Figure 1 showing the under side of the punching bag platform and the supporting tube thereof in section.

Figure 3 is a sectional plan showing a flange at the lower end of the post with the outer parts of the base broken away, being taken on line 3—3 of Figure 1.

Figure 4 is a longitudinal section through the punching bag supporting platform being taken on line 4—4 of Figure 2.

Figure 5 is a cross section through the base illustrating the screws for attaching the flange at the lower end of the post to the base.

Figure 6 is a cross section through the telescoping tube taken on line 6—6 of Figure 1.

Referring now to the drawings wherein like reference characters denote corresponding parts the adjustable punching bag stand of this invention includes a tubular post 10, a base 11, a platform 12 and a tube 13 on the upper end of which the platform is carried and which is vertically slidable in the post 10.

The post 10 is secured in a hub 14 of a flange 15 and the flange is secured by screws 16 to the base 11 as shown in Figure 5. In the design shown the screws 16 are provided with countersunk heads 17 and the ends are threaded in tapped openings 18 of the flange 15. The flange may be secured to the base by any other means and the base may be of any suitable size or design.

The upper end of the post 10 is provided with a boss 19 having a thumb screw 20 therein which extends into the post for clamping the tube 13 therein. The upper end of the tube 13 is also provided with a flange, the tube being secured in a hub 21 of a flange 22, and the platform 12 being attached to the flange by screws 23 that are threaded into tapped openings 24 in the flange.

As illustrated in Figure 2 the platform 12 is provided with an extension 25 to which the flange 22 is attached and with the connection between the platform and post offset in this manner an unobstructed striking area for the punching bag is provided and balancing of the platform is facilitated.

The platform 12 is provided with a punching bag supporting socket 26 that may be of any type or design and, as illustrated in the drawings a punching bag 27 is supported from the socket through a hook 28 and an eye 29 of a ball 30.

With the parts arranged in this manner the bolt or screw head at the upper and lower ends of the posts are hidden and at the same time the parts are rigidly connected.

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The stand may be formed of any suitable material and with an attractive finish the stand may be used in an apartment, den, recreation room or gymnasium, and as the punching bag is used by people of different heights the elevation of the punching bag may be adjusted to accommodate the user.

The base may be placed upon the floor or carpet and may be bolted or screwed to the floor for permanent installation or it may be held to the floor or other surface by vacuum cups or the like.

It will be understood that other modifications may be made in the design and arrangement of the parts without departing from the spirit of the invention.

What is claimed is:

In a stand, the combination which comprises a flat base, a lower flange having an internally threaded hub extended upwardly therefrom mounted on said base, a tubular post having a threaded lower end threaded in said hub of the flange, a rod having a threaded upper end positioned in said post and slidably mounted therein, said post having a boss with a threaded opening therein spaced from the upper end, a thumb screw threaded in said boss of the post and positioned to engage said rod for retaining the rod in adjusted position in the post, an upper flange having an internally threaded hub extended

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downwardly therefrom threaded on the upper end of the rod, a substantially circular platform having an extension at one side positioned above the post and base, means attaching said upper flange to the extension at one side of the platform whereby the platform is supported from one edge thereof, a socket having a cylindrical opening therein and a flange around one end attached to the under surface of the platform, a ball having a hook depending therefrom positioned in the cylindrical opening of the socket, and means retaining the ball in said socket.

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