

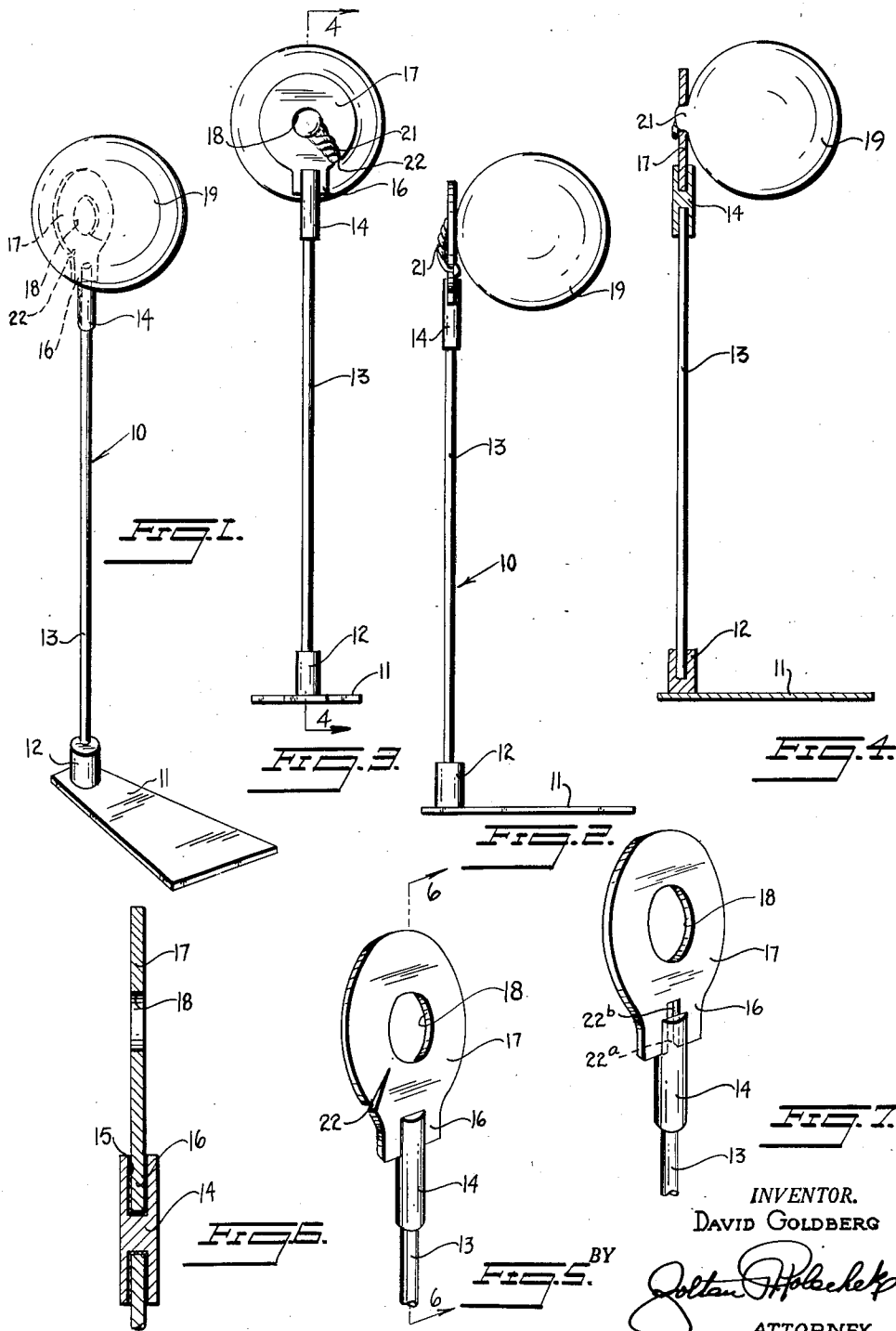
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D. GOLDBERG

2,510,883

TOY PUNCHING BAG

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## UNITED STATES PATENT OFFICE

2,510,883

TOY PUNCHING BAG

David Goldberg, Brooklyn, N. Y.

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1 Claim. (Cl. 272-78)

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This invention relates to toy punching bags and more particularly to a type which may utilize a toy balloon as the bag element.

It is among the objects of the present invention to provide a means for connecting the bag to the standard wherein the strain and wear is taken away from the neck of the balloon.

It is another object of the present invention to provide a simple means for attaching the balloon to the standard including means for securing the twisted neck of the balloon so that it cannot be released by blows upon the balloon and so that it can be done quickly without the need for clamping parts.

According to the invention, there is provided at the top of the standard, a vertically extending plate with a central aperture through which is extended the twisted neck of the blown-up balloon. The outer or free end of the twisted neck is brought radially across the back of the plate and fastened into a notch in the outer edge of the plate. Preferably, this notch extends radially inward from the edge of the plate. This plate has a depending portion to which a connecting sleeve is secured. The lower end of the sleeve is adapted to receive the uppermost end of the standard. The standard is of flexible material and is connected to a round upright support carried on a flat base on which the child places one foot while punching at the balloon. By the use of the plate, the strain is transmitted directly to the plate rather than through the neck of the balloon.

For further comprehension of the invention, and of the objects and advantages thereof, reference will be had to the following description and accompanying drawings, and to the appended claim in which the various novel features of the invention are more particularly set forth.

In the accompanying drawings forming a material part of this disclosure:

Fig. 1 is a perspective view looking at the standard and upon the front of the balloon as it appears to the child while he is using the toy.

Fig. 2 is a side elevational view of the standard with the balloon mounted thereon ready for use.

Fig. 3 is a rear view, in elevation, as the toy appears to one standing in front of the child using the toy.

Fig. 4 is a vertical cross sectional view taken on the line 4-4 of Fig. 3, looking in the direction of the arrows thereof.

Fig. 5 is an enlarged perspective view of the plate or balloon attaching end of the standard.

Fig. 6 is a vertical cross sectional view taken on the line 6-6 of Fig. 5, looking in the direction of arrows thereof.

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Fig. 7 is an enlarged perspective view similar to Fig. 5 showing a modification of the invention.

Referring now to the figures, 10 represents generally the standard which comprises a base 11 of sufficient length and width to maintain the standard in upright fashion when not in use and such as to permit the placing of the child's foot thereupon when the toy is being used. Extending upwardly from the plate there is rigidly connected at one end thereof, a socket 12 for removably receiving the lower end of a flexible and bendable standard 13 in the form of an elongated rod.

On the upper end of the standard 13, there is connected a socket or sleeve 14 having a slit 15 extending across the upper end thereof for receiving a depending projection 16 of a plate 17 having a central aperture 18 therein. The socket 14 is glued to the plate so that the socket 14 and plate 17 become rigid with the upper end of the rod.

A balloon 19 is blown up and its neck 21 is given an adequate twist to maintain air therein. This twisted neck 21 is passed through the aperture 18 and is extended radially at the rear of the plate 17 to be made secure to the plate by passing the free end of the same into a radial notch 22. The neck end of the bag or balloon is thus made secure to the plate 17. The child may now step on the base 11 and use the toy. By so mounting the bag, there is no wear on the neck of the balloon when in use. Portions surrounding the neck take up the thrust and lie flush on the front surface of the plate surrounding the aperture. All strain from the bag is thus directed toward the standard and not by way of the twisted neck. The strain is thus on the plate and not upon the balloon.

If it is desired to detach the balloon it can be done very easily without need for manipulating clamping parts. Furthermore in order that the toy be placed in a flat box, the lower end of the flexible rod 13 is removably connected to the socket 12, and the upper end is removably secured to the sleeve 14.

The bag neck retaining notch, if preferred, may be of dog leg shape and extend first radially inward and then circumferentially. This shape of notch would provide for a more secure connection for the twisted balloon neck than in the case of the notch only being extended radially inward.

In the form of the invention, shown in Fig. 7, radial notch 22 has been eliminated, and in place of it there is provided a slit 22<sup>a</sup> at the free end of the depending projection 16 which is partially covered by sleeve 14. The upper portion of this slit 22<sup>a</sup> not covered by sleeve 14 thus forms an

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opening 22<sup>b</sup> through which the neck 21 of the balloon 19 is passed.

While I have illustrated and described the preferred embodiments of my invention, it is to be understood that I do not limit myself to the precise constructions herein disclosed and the right is reserved to all changes and modifications coming within the scope of the invention as defined in the appended claim.

Having thus described my invention, what I claim as new and desire to secure by United States Letters Patent is:

In a toy punching bag having a vertical flexible standard and an inflated toy balloon with a twisted neck portion, means for removably mounting the toy balloon in position on the top end of the standard, comprising a vertical plate formed with a central aperture, said plate being formed with a slot disposed radially of said central aperture so that the inflated toy balloon may be disposed against one face of said plate with its twisted neck portion extending through the central aperture along the other face of said plate and into said slot, a projection depending from the bottom edge of said vertical plate, and a

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socket removably mounted on the top end of the standard, said socket having its top end formed with a transverse slit within which said depending projection is fixedly secured, whereby the toy balloon may be removed as a unit with said plate from the top end of the standard by removing said socket from the top end of the standard, said slot being formed in said depending projection and of a length to have its inner end exposed above the top end of said socket for the reception of the end of a twisted neck portion of the inflated toy balloon.

DAVID GOLDBERG.

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