Dec. 10, 1957 M. M. GLASBERG ET AL 2,815,952

PUNCHING BAG

Filed March 28, 1955

Fig. 1.

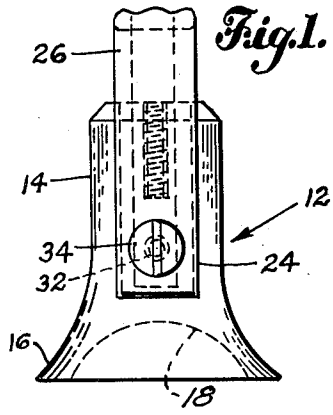



Fig. 2.

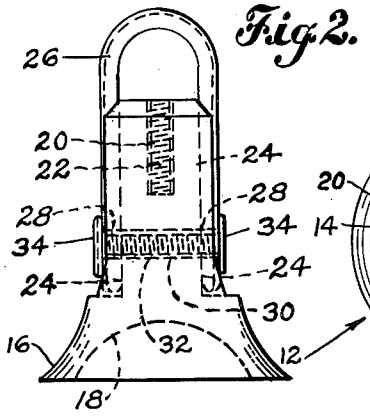



Fig. 3.

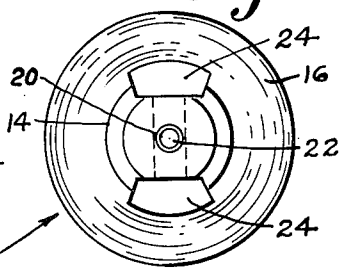



Fig. 4.

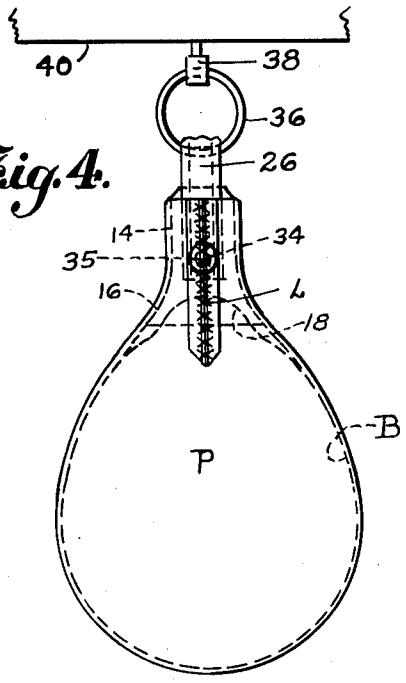
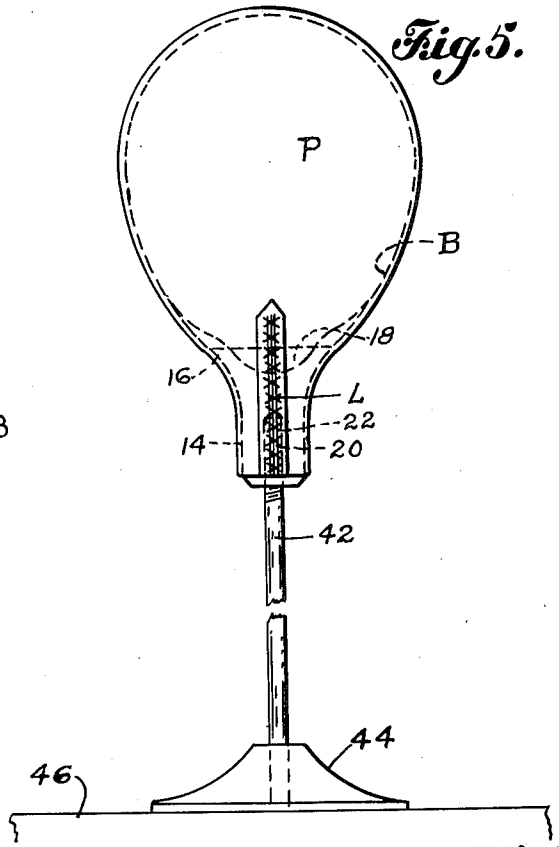



Fig. 5.




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# PUNCHING BAG

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Application March 28, 1955, Serial No. 497,131

4 Claims. (Cl. 272—78)

This invention relates to an adapter device for punching bags and the like.

One object of our invention is to provide an adapter device for mounting in the reduced or neck portion of a punching bag, or similar article, whereby the adapter device can be connected, to suspension means from above, or, in another position, to supporting means on the floor.

In the attachment commonly used to connect a punching bag with a suspension member or other support, there is considerable strain and stress on the neck thereof which often tears or otherwise damages it, hence another object is to provide such an adapter device that makes the neck part of the bag stronger, and which itself assumes most of the stress and strain that occurs here during use of the punching bag.

A further object is to provide such an adapter device that is easy to mount in a punching bag, and is simple and relatively inexpensive to manufacture.

The foregoing and other objects, which will appear as the nature of the invention is better understood, may be accomplished by a construction, combination and arrangement of parts such as is disclosed by the drawing. The nature of the invention is such as to render it susceptible to various changes and modifications, and, therefore, we are not to be limited to the construction disclosed by the drawing nor to the particular parts described in the specification, but are entitled to all such changes therefrom as fall within the scope of our claims.

In the drawing:

Fig. 1 is a side elevational view of our adapter device with a suspension member for connection to overhead suspension means.

Fig. 2 is a side elevational view similar to, but taken at an angle of 90 degrees from, Fig. 1.

Fig. 3 is a top plan view of our adapter device; but with the suspension member omitted.

Fig. 4 is a side elevational view of our device mounted in a punching bag and connected to overhead suspension means.

Fig. 5 is a side elevational view of our device mounted in a punching bag and connected to supporting means on a floor.

As illustrated, our device has a plug or mount **12**, which may be made of rubber or a rubber composition, for instance. It is inserted in the reduced portion or neck of a punching bag P, or the like, as shown in said Fig. 4 and Fig. 5. It has a relatively long, neck portion **14** from which extends a relatively short, skirt portion **16** that flares outwardly to one end of said plug **12**. At the end of said skirt portion **16** said plug has a concave or sunken portion, as at **18**, which contacts a bladder B in said bag P. At the end of said neck portion **14** a hole **20** extends inwardly for a short distance, such as ¾ inch for instance, and an interiorly, screw-threaded sleeve **22** or other holding member is firmly set in said hole.

Extending from the outside end of said neck portion **14** are recesses **24** at opposite sides which serve as guideways to receive opposite end portions of a looped, suspension member **26**, shown as a flat strap having holes **28** in each said end portion adjacent the end extremities thereof.



There is a hole **30** extending laterally through said neck portion **14** between said recesses **24**, and in which an interiorly screw-threaded sleeve **32** is firmly set, and which receive retaining screws **34**, later explained. There are holes **35** in opposite sides of the neck of the punching bag P which are in alinement with said hole **30** and screw-threaded sleeve **32** when said plug **10** is in a predetermined position in said punching bag P. Of course, a bolt could serve as a retaining member and extend through said holes **35**, **28** and **30**, held by the usual nut at one end.

In use, said plug **12** is inserted into the neck of a punching bag P, projecting slightly outside, the lacing L on the bag is tightened to thus retain the plug in place. If the punching bag P is to be suspended, said strap **26** is inserted through a ring **36** and the two end portions thereof are inserted in said recesses **24**. Two screws **34** are inserted through said holes **35** in said punching bag neck and through the holes **28** in said suspension strap **26** and they then enter and screw-threadedly connect with said sleeve **32**. Said ring **36** has the usual swivel member **38** connected thereto which latter member is attached to an overhead supporting board **40** commonly used for punching bags.

When use of a punching bag supported by a stand or base **44** on a floor **46**, is desired, a flexible rod **42**, shown in said Fig. 5, is connected to a said stand **44**, and a threaded end is screw-threadedly connected with said sleeve **22** in said hole **20**. Thus, without removing the plug **12** from the punching bag P, or making any change therein, the latter can be attached to a floor stand, or it can be connected to an overhead support by attaching said suspension strap **26** thereto, as explained.

Since the punching bag is laced tightly at the neck, the retaining screws **34** need not necessarily be inserted through said punching bag holes **35**; but can be inserted directly through said suspension member holes **28** and said laterally extending hole **30** through the neck portion **14** of the plug **12**, as illustrated in Fig. 2. The plug will be held firmly in place by the tight lacing. Also it is possible to connect with the flexible rod **42** shown in said Fig. 5, without removing said suspension member **26**; by merely moving the latter to one side and making the screw-threaded connection between said sleeve **22** and said rod **42**.

What we claim is:

1. In combination, a punching bag having a reduced portion and an adapter device extending into said reduced portion comprising a plug having a neck at one end and a skirt flaring outwardly from said neck, said neck having two exterior recessed portions opposite each other, an interiorly, screw-threaded member mounted in said neck, a suspension member having two end portions which extend into said recesses, and a screw-threaded pin member extending through said reduced portions, end portions, and screw-threadedly connecting with said interiorly, screw-threaded member.

2. In combination, a punching bag having a reduced portion and an adapter device extending into said reduced portion comprising a plug having a neck at one end and a skirt flaring outwardly from said neck, said neck having two exterior recessed portions opposite each other extending from the outside end thereof, a holding member extending laterally in said neck, a suspension member having two end portions which extend into said recesses, and a pin member extending through said reduced portions, end portions and connecting with said holding member.

3. In combination, a punching bag having a reduced portion and an adapter device extending into said reduced portion comprising a plug having two exterior recessed

portions therein, a hole in said plug extending laterally therethrough between said two recessed portions, a suspension member having two end portions which extend into said recesses, and a retaining member extending through said punching bag reduced portion, said end portions and hole to thereby hold said suspension member to said plug.

4. In combination, a punching bag having a reduced portion and an adapter device extending into said reduced portion comprising a plug having a neck at one end and a skirt flaring outwardly from said neck at the opposite end, said neck having two exterior recessed portions at opposite sides thereof and commencing at the outside end of said neck and extending to a point adjacent said skirt, an interiorly, screw-threaded member mounted in said neck and extending between said recessed portions, a suspension member having two end portions which extend



into said recesses, and two screw-threaded, pin members extending at opposite sides through said punching bag reduced portion, said end portions and screw-threadedly connecting with said interiorly, screw-threaded member.

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