

June 16, 1953

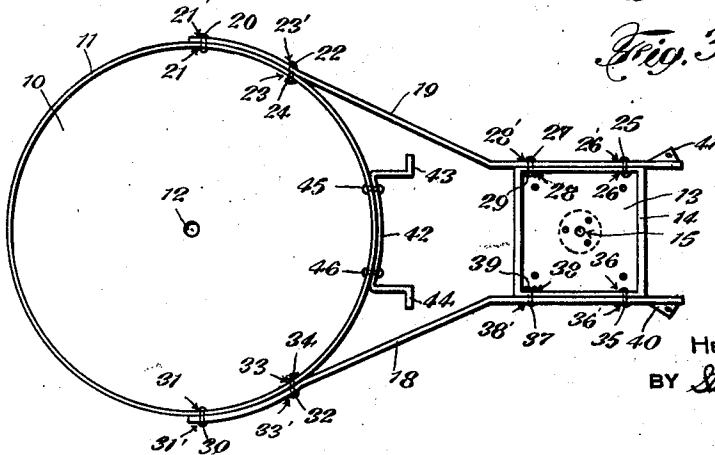
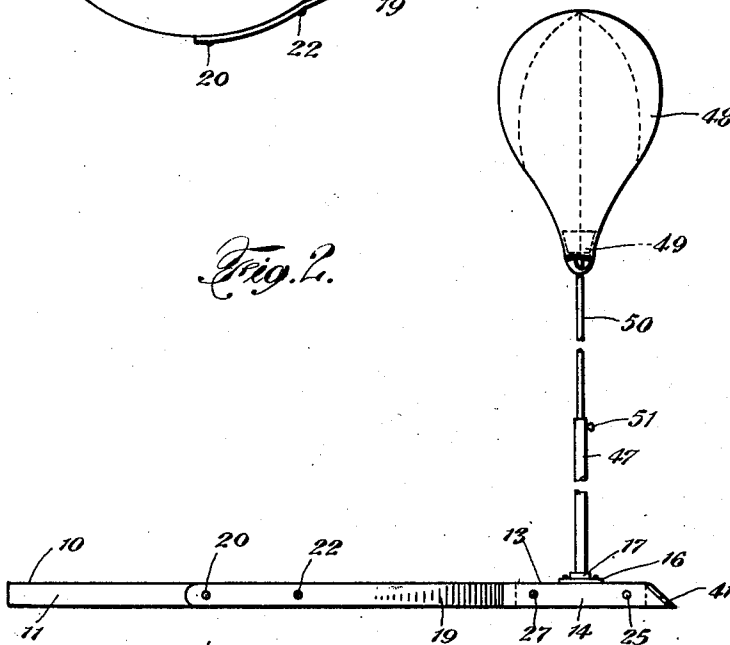
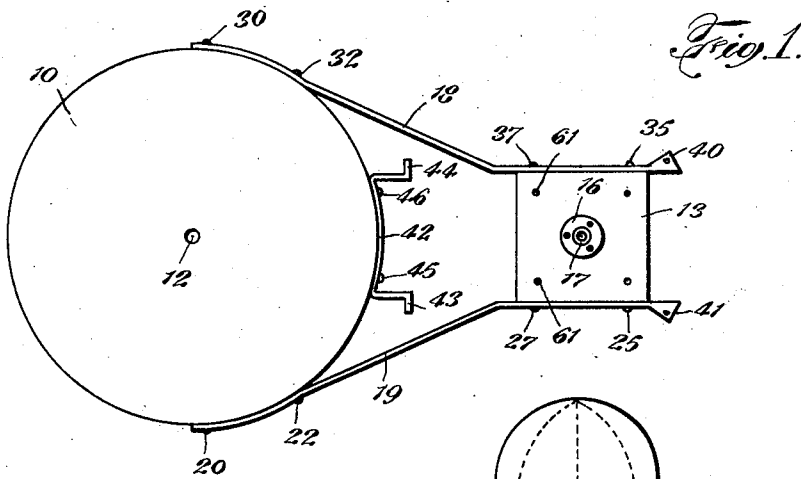
H. RUBIN

2,642,287

CONVERTIBLE PUNCHING BAG MOUNT

Filed March 1, 1950

2 Sheets-Sheet 1



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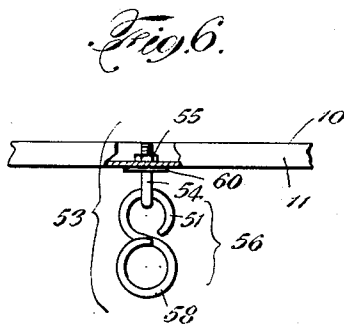
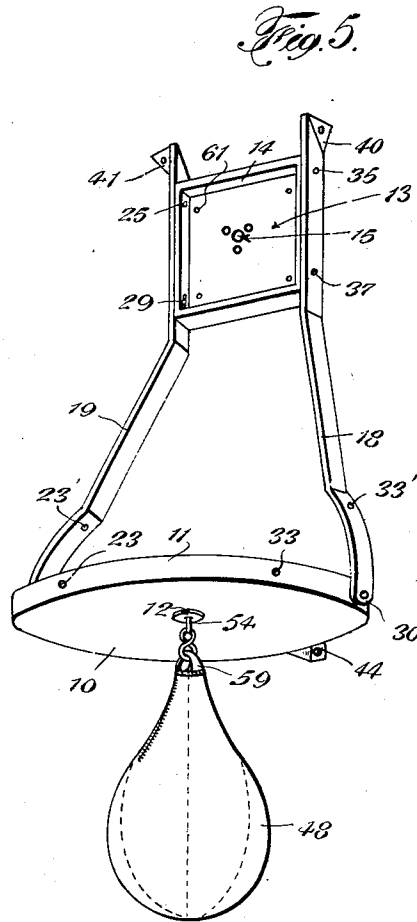
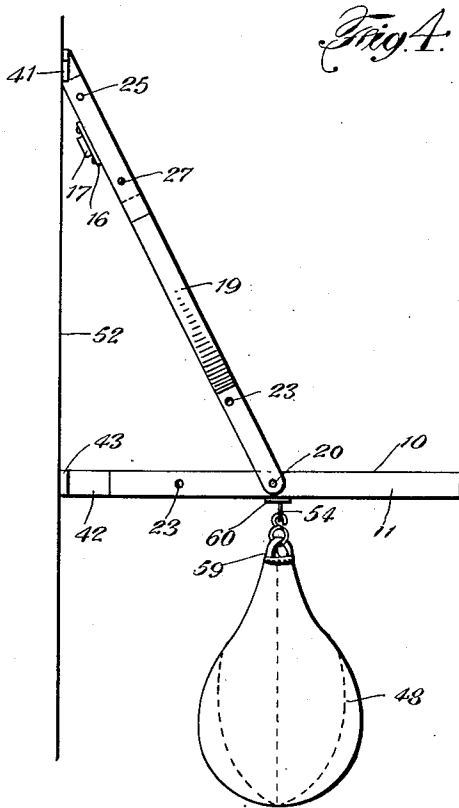
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CONVERTIBLE PUNCHING BAG MOUNT

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4 Claims. (Cl. 272-78)

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This invention relates to a device which may be employed to maintain a punching bag supported by a resilient rod in a position upright from the floor so that a user may stand upon a portion thereof and strike the bag and which device is convertible so that the same may be mounted upon a vertical surface and support a dependent punching bag so that a user may strike the bag so as to cause it to hit the platform portion of the device.

An object of my invention is to provide means to support a punching bag upright from the floor and which same means is convertible to means which are adapted to support a punching bag when secured to a vertical surface such as a wall.

Another object of my invention is to provide sturdy means adapted to vertically support a punching bag upon a resilient rod upward from the floor in a position for striking and which is nevertheless convertible to wall mounting means for supporting a dependent punching bag which when struck, will hit against a portion thereof in the form of a platform.

Still another object of my invention is the provision of an articulate mount which may be rigidly connected to support upward from the floor a punching bag mounted on a resilient rod and portions of which may be so pivoted as to convert the same into a mount which when secured to a wall, will provide means for maintaining a dependent punching bag in such a position that when struck, it will bounce against a portion thereof in the form of a platform.

These and other objects are accomplished by a mount which includes a preferably circular platform to which is pivotably connected a base plate by means of longitudinally extending supporting bars on corresponding sides of said platform and base plate. Means are furnished to fix the base plate in one position relative to the platform. Said means are disengageable to permit the base plate to be pivoted longitudinally relative to said platform. A punching bag mounted on a resilient rod may be secured to means on the base plate so that when the platform and base plate are rigidly connected a user may stand upon the platform and strike the punching bag. When the means to detachably secure the base plate to the platform are disengaged, the elements of the mount may be swung so that support means associated with the base plate and similar means on the platform may be brought against a vertical surface and secured thereto in such fashion that the platform extends longitudinally

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in a horizontal plane and a punching bag may be suspended therefrom.

Other objects and a fuller understanding of my invention may be had by referring to the following expanded description and claims, taken in conjunction with the accompanying drawings which illustrate a preferred embodiment thereof, it being understood that the foregoing statement of the objects of my invention and the brief summary thereof are intended to generally explain the same without limiting it in any manner.

Fig. 1 is a top plan view of a punching bag mount constructed in accordance with and embodying my invention.

Fig. 2 is an elevation view thereof showing a punching bag mounted vertically thereon.

Fig. 3 is a bottom plan view of the mount.

Fig. 4 is an elevation view thereof showing the mount secured to a wall and supporting a dependent punching bag.

Fig. 5 is a view in perspective thereof.

Fig. 6 is an enlarged fragmentary view in elevation of the platform of the mount broken away to show the means of affixation of the mounting chain.

Referring to the drawings, the embodiment of my invention there shown includes a preferably circular platform 10 having a peripheral wall 11 and a centrally disposed aperture 12 to which is secured a preferably rectangular base plate 13, having similar peripheral walls 14 and a centrally located aperture 15, and upon the top surface of which is mounted a flanged fitting 16 having a hollow tubular portion 17, the bore therethrough being threaded and being in register with aperture 15. The means of connection between base plate 13 and platform 10 are oppositely disposed supporting bars 18 and 19 attached to corresponding portions of wall 11 of platform 10 and walls 14 of base plate 13, by loosely engaging rivets and by machine screws which extend through matching apertures in the bars, platform and base plate as follows: bar 19 is attached to platform 10 by rivet 20 which extends through aperture 21 in wall 11 and aperture 21' in said bar and by machine screw 22 which extends through aperture 23 in wall 11 and aperture 23' in said bar, which screw is retained in place by wing nut 24, and said bar is attached to base plate 13 by rivet 25 which extends through aperture 26 in wall 14 and aperture 26' in said bar and by machine screw 27 which extends through aperture 28 in wall 14 and aperture 28' in said bar and which

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screw is retained in place by wing nut 29; bar 18 is attached to platform 10 by rivet 30 which extends through aperture 31 in wall 11 and aperture 31' in said bar and by machine screw 32 which extends through aperture 33 in wall 11 and aperture 33' in said bar and which screw is retained in place by wing nut 34, and said bar is attached to base plate 13 by rivet 35 which extends through aperture 36 in wall 14 and aperture 36' in bar 18 and by machine screw 37 which extends through aperture 38 in wall 14 and aperture 38' in bar 18 and which screw is retained in place by wing nut 39.

Supporting bars 18 and 19 terminate respectively in outwardly and downwardly turned apertured ears 40 and 41. A substantially U-shaped bracket 42 terminating in outwardly-extending apertured ears 43 and 44 is secured by rivets 45 and 46 to the portion of wall 11 of platform 10 facing base plate 13. The elements of the above described device are preferably made of sheet steel or aluminum which in the case of platform 10 and base plate 13 may be drawn to form walls 11 and 14 respectively.

In use, as a floor mount, the device is set upon the floor in the position shown in Fig. 1, platform 10 being substantially rigidly secured to base plate 13 by bars 18 and 19. A metal sleeve 47 threaded at its lower end, to correspond with the internal threading of tubular portion 17 of flanged fitting 16, is screwed home in said portion. An inflated punching bag 48 is laced to a frusto-conically shaped block of wood 49 which in turn is secured to a resilient rod 50 and the assembly consisting of said bag, block and rod is vertically and slidably mounted in sleeve 47 and held at a fixed height by set screw 51. After adjusting the height of bag 48 by means of set screw 51, the user stands upon platform 10 and strikes the bag. The weight of the user on platform 10 retains the mount and associated elements in place on the floor, the bag, due to the resiliency of rod 50, being permitted to oscillate when struck.

When used as a wall mount, the device is placed in the position shown in Figs. 4 and 5. To accomplish this, after removing wing nuts 24 and 34, machine screws 32 and 22, securing bars 18 and 19 respectively to platform 10, are disengaged, permitting platform 10 to be revolvable on rivets 30 and 20. Platform 10 is then rotated 180° from the position shown in Fig. 1 so that wall 11 extends upwardly. The device is then brought against a wall such as wall 52 (see Fig. 4) and at a suitable height, is secured thereto by fastening means passed through the apertures in ears 43 and 44 of bracket 42. Base plate 13 is brought upward until ears 40 and 41 of bars 18 and 19 come into contact with wall 52 and then secured thereto by means of fastening means passing through the apertures in said ears. In this position, platform 10 extends longitudinally in a horizontal plane. Punching bag 48 may then be mounted so as to depend from platform 10 by the use of a mounting chain 53 consisting of a threaded eye bolt 54 and matching nut 55, in which bolt is mounted a double-linked element 56, the upper link 57 thereof passing through the eye bolt. The lower link 58 is slightly open so that loop 59 of punching bag 48 may be secured to chain 53 by passing the said loop through the open portion of and into link 58. The mounting chain and punching bag may then be secured to platform 10 by passing the threaded shank of eye bolt 54 upward through a washer 60 and through aperture 12 in

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platform 10, after which bolt 55 is screwed home on said threaded shank.

A user may then stand to one side of platform 10 and strike punching bag 48 which will hit against the underside of platform 10. By rhythmic punching, the bag may be kept in constant motion in conventional fashion.

Thus I have provided a novel and unique mount for a punching bag which may be used either as a floor model or as a wall model with no changes in structure or removal of parts required, except for the mere removal of a set of machine screws and wing nuts. It is to be emphasized that to convert the mount from one form to the other does not require either the use of tools or any alterations in or additions of parts, with the minor exception of the fastening means.

I have shown a preferred embodiment of my invention, but it is obvious that numerous changes, omissions and alterations may be made without departing from its spirit. Thus, the device could be made without ears 40 and 41 at the end of bars 18 and 19 respectively, in which event base plate 13 could be secured to wall 52 by means of fastening devices extending through apertures such as apertures 61. In such event it would be preferable to first remove machine screws 27 and 37 and wing nuts 29 and 39 and pivot base plate 13 upwardly on rivets 25 and 35 so that the edges of wall 14 would be flush against wall 52. Again, there would be no substantial departure from the embodiment illustrated to make base plate 13 and supporting bars 18 and 19 unitary so that in effect, the mount would consist of two articulate sections which may be either rigidly fastened together, or by the removal of a set of machine screws and wing nuts, be pivotally connected.

Although I have described my invention with a certain degree of particularity, it is understood that the present disclosure has been made only by way of example and that numerous additional changes in the details of construction, combination and arrangement of parts may be resorted to without transcending the scope of the invention as hereinafter claimed.

I claim as my invention:

1. A convertible punching bag mount adapted for use selectively to support a punching bag upright upon a resilient standard and to support a punching bag in a dependent position underneath a horizontally extending portion of said mount comprising: an articulate base member including a rigid platform section and a rigid base plate section longitudinally spaced from said platform section when said sections are in coplanar relationship; a pair of oppositely disposed rigid arms extending between sides of said sections, each of said arms being hingedly connected to opposite sides of said platform section and being secured to opposite sides of said base plate section; readily disengageable locking means associated with said platform section and said arms adapted to lock said arms relative to said platform section thereby locking said platform and base plate sections in coplanar relationship; means associated with said base plate section for supporting a punching bag standard upright from said base plate section, whereby upon resting said mount upon a floor surface, said sections then being in coplanar relationship, a user may stand upon said platform section and strike a punching bag mounted atop said standard, means associated with said platform section for supporting a punching bag dependent therefrom; whereby when said locking means are disengaged and said sections are

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pivotally displaced, said mount may be secured to a wall by fastening said platform section and said base section thereto, said platform section then extending horizontally, permitting a punching bag depending therefrom to be struck so as to bounce against the underside thereof.

2. A convertible punching bag mount as described in claim 1, said platform section being relatively large with relation to the size of said base plate section.

3. A convertible punching bag mount adapted for use selectively to support a punching bag upright upon a resilient standard and to support a punching bag in a dependent position underneath a horizontally extending portion of said mount comprising: an articulate base member including a circular rigid platform section, a rectangular rigid base plate section, each of said sections having peripheral downwardly extending walls, a pair of rigid arms extending between the walls of said sections, each of said arms being pivotally connected to oppositely disposed portions of the wall of said platform section and being rigidly connected to opposite walls of said rectangular base plate section, said sections being positionable longitudinally in coplanar relationship; whereby said platform section is rotatable with reference to said arms about a chord or diameter of said platform section substantially normal to the longitudinal axis of said mount when said sections are in substantially coplanar relationship; readily disengageable locking means associated with said arms and said platform section adapted to lock said arms relative to said platform section, thereby locking said platform and base plate sections in coplanar relationship;

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means associated with said base plate section for supporting a punching bag standard upright from said base plate section whereby upon resting said mount upon a floor surface, said sections then being in coplanar relationship, a user may stand upon said platform section and strike a punching bag mounted atop said standard, means associated with said platform section for supporting a punching bag depending therefrom; whereby when said locking means are disengaged and said sections are pivotally displaced, said mount may be secured to a wall by fastening said platform section and said base section thereto, said platform section then extending horizontally, permitting a punching bag depending therefrom to be struck so as to bounce against the underside thereof.

4. A convertible punching bag mount as described in claim 3, said means to support said punching bag upright upon said resilient standard, comprising a flanged fitting having an upward extending tubular portion.

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