

No. 854,264.

PATENTED MAY 21, 1907.

L. BERGMANN.
PUNCHING BAG PLATFORM.
APPLICATION FILED JULY 14, 1906.

2 SHEETS—SHEET 2.

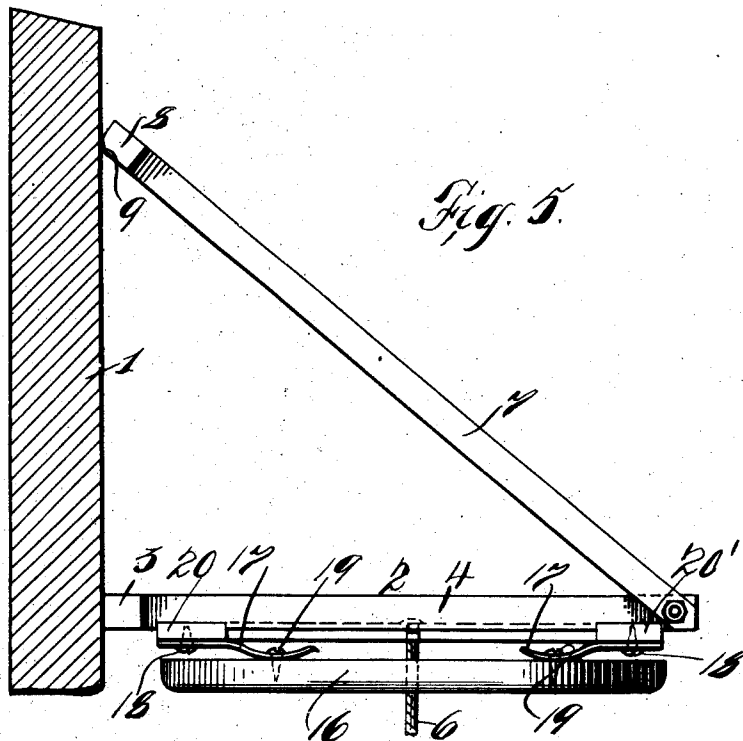


Fig. 5.

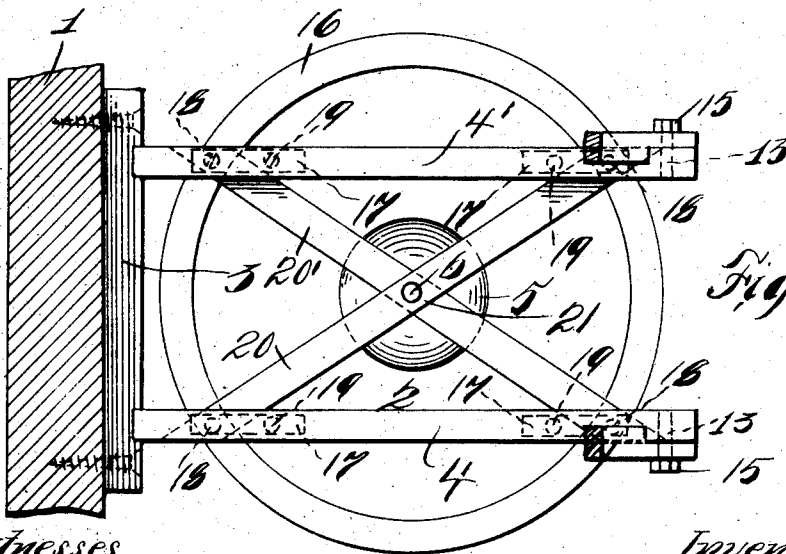


Fig. 6.

Witnesses
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PUNCHING-BAG PLATFORM.

No. 854,264.

Specification of Letters Patent.

Patented May 21, 1907.

Application filed July 14, 1906. Serial No. 326,173.

To all whom it may concern:

Be it known that I, LEO BERGMANN, a citizen of the United States, residing at 281 Jelliff avenue, Newark, Essex county, New Jersey, have invented certain new and useful Improvements in Punching-Bag Platforms, of which the following is a clear, full, and exact description.

My invention relates to punching-bag platforms or frames, and has for an object to provide such a device of simple and inexpensive construction which will overcome one of the main difficulties encountered in structures of this character, namely, jarring of the support to which same are attached. To this end I mount a yieldable receiver for the bag when punched or swung.

A further object of my invention is to provide a light one-piece receiver, that is, one in which there are no joints to come loose.

To these ends my invention comprises the novel features of improvement and combination and arrangement of parts which will be hereinafter described and finally claimed.

Reference is to be had to the accompanying drawing, forming part of this specification, wherein—

Figure 1 is a side elevation of a punching-bag frame or platform embodying my improvements; Fig. 2 is a plan view thereof, the braces of the frame being broken away; Fig. 3 is a detail perspective view of the upper end of the frame braces; Fig. 4 is a detail perspective view of the lower end of the braces, showing the mortise or recess therein for grasping the arms of the frame proper; Fig. 5 is a side elevation of a modified form of a punching-bag frame having angular cross-braces; and Fig. 6 is a plan view thereof, the side braces being broken away.

Like reference characters are intended to indicate corresponding parts in the several views.

Referring to the drawing, the numeral 1 indicates a wall or other suitable support to which is attached, in any desired manner, a frame 2, which is composed of a transverse bar 3, from which project outwardly extending arms 4, 4'. A cross-bar 4^a is provided, from which a punching-bag 5 is hung, by a cord 6. For better support of the frame 2, I provide braces 7, 7, which enter, at their upper ends, a cross-bar 8 (Fig. 3), which cross-bar contacts the support 1 and may be suitably secured thereto, the edge of the cross-

bar 8 which contacts said support being preferably rounded, as at 9, to prevent disfigurement of the support. The lower end of the braces 7, 7 are recessed, as at 11 (Fig. 4), the upper wall 12 of said recess being adapted to contact the top of the arms 4, 4'. A bolt 13, which is carried by the arms 4, 4', is adapted to pass through the braces 7, 7, at 14, and by means of nuts 15 are secured in place. Upon the bottom of the frame-members 4 and 4', I yieldably mount a ring or hoop 16, the same being preferably made of a solid single piece of wood or similar material. The means of connection between said ring and said frame are flat springs 17, 17, which are secured to the frame-members by bolts or screws 18, 18, at one end of said springs, and the ring 16 is attached to the said springs by means of the bolts or screws 19. It will be noticed that the outer ends of said springs are free. This gives greater resiliency thereto, whereby, when the bag is violently forced against the ring 16, the same will slightly yield and rebound, thus taking up a great deal of the jar usually produced. The springs also act to cause the punching-bag to rebound more quickly than would be the case if said ring were rigidly mounted.

In the modified form shown in Figs. 5 and 6, the outwardly extending arms 4, 4' are braced by the angular braces 20, 20', at the point of intersection 21 of which the cord 6 is attached. The springs 17, 17 are in this instance attached to the extremities of the angular braces 20, 20'. Said braces may be set into the arms 4, 4' as shown, and the usual mortise connections at the point 21 can be used. This mode of bracing makes a very strong construction, which is less liable to give when the bag 5 is in motion, thereby getting better results from the springs 17.

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

1. A punching-bag platform, comprising two horizontally disposed parallel frames and springs interposed therebetween, substantially as described.

2. A punching-bag platform, comprising a frame, means for attaching the same to a support, flat springs secured at their ends to said frame, and a receiver carried by said springs.

3. A punching-bag platform adapted for attachment to a support, comprising a hori-

zontally disposed frame, a brace detachably
secured to said frame and adapted to contact
said support, and a receiver supported by
springs upon said frame, substantially as de-
scribed.

5 4. A punching-bag platform, comprising
arms, angularly disposed cross-braces con-
necting said arms, shock-absorbers attached
to said cross-braces, a receiver supported by

the latter, and means for attaching the plat- 10
form to a support.

Signed at Terre Haute, Ind., this 11th day
of July, 1906.

LEO BERGMANN.

Witnesses:

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