G. YOERGER.

PUNCHING BAG HANGER.

APPLICATION FILED MAR. 4, 1914.

1,106,068. Patented Aug. 4, 1914.

Fig. 1.

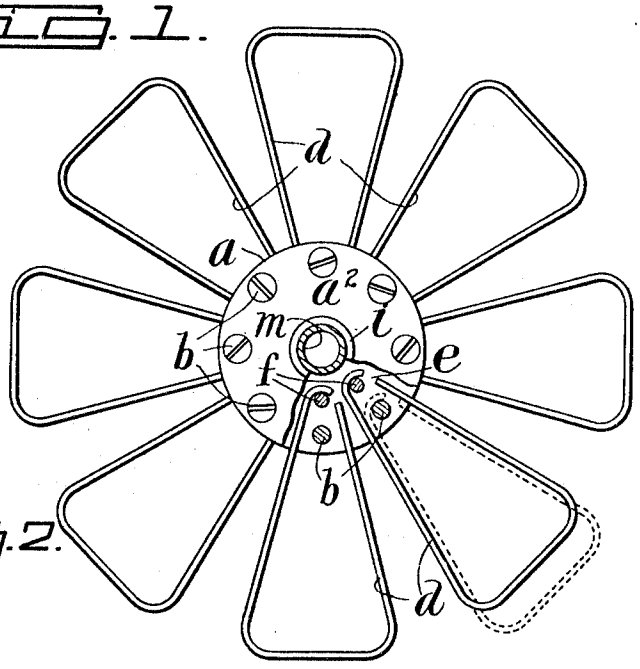


Fig. 2.

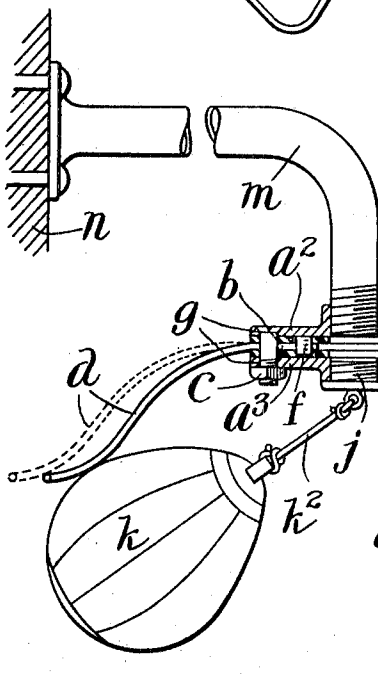
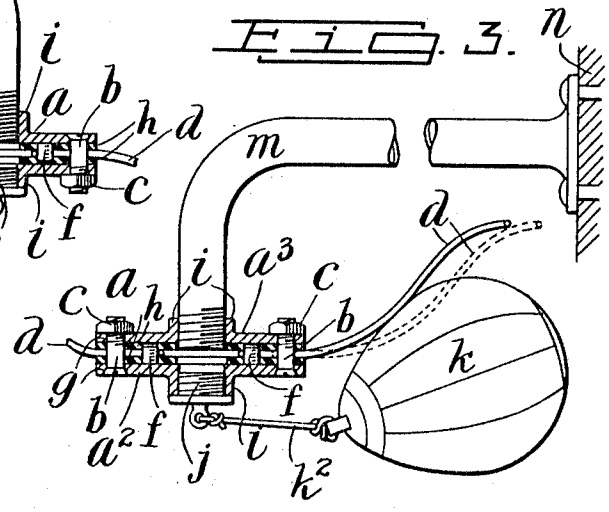


Fig. 3.



Witnesses:

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UNITED STATES PATENT OFFICE.

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PUNCHING-BAG HANGER.

1,106,068. Specification of Letters Patent. Patented Aug. 4, 1914.

Application filed March 4, 1914. Serial No. 822,307.

To all whom it may concern:

Be it known that I, GEORGE YOERGER, a citizen of the United States, and residing at Brooklyn, in the county of Kings and State of New York, have invented certain new and useful Improvements in Punching-Bag Hangers, of which the following is a specification, such as will enable those skilled in the art to which it appertains to make and use the same.

This invention relates to what are known as punching bag hangers or supports, and the object thereof is to provide an improved device of this class adapted to be secured to a wall or other support, and which possesses a number of features of novelty and utility, and which may be reversed or held in different positions to adapt the same for different methods of work.

The invention is fully disclosed in the following specification, of which the accompanying drawing forms a part, in which the separate parts of my improvement are designated by suitable reference characters in each of the views, and in which;—

Figure 1 is a front plan view of the body or main part of my improved punching bag holder or support; Fig. 2 a side view showing the method of connecting the device with a wall or other support, and showing the body or main part in section, and Fig. 3 a view similar to Fig. 2, but showing the body or main part in the reverse position.

My improved punching bag support or holder comprises a body or head portion *a* composed of two similar plate a^2 and a^3 which are preferably circular in form, and which are connected preferably by screws or bolts *b* passed therethrough and provided with nuts *c*.

Secured between the plates a^2 and a^3 are radial loop-shaped spring arms *d*, any desired number of which may be employed, and the outer end portions of which are wider than the inner end portions, and one side of said arms is provided adjacent to the inner or smaller ends with an aperture or opening *e*, in the form of construction shown.

One of the plates a^2—a^3 is provided on its inner side with pins *f* arranged concentrically thereof and near the center thereof, and in radial lines with said pins and near the perimeters of said plates are circularly arranged holes *g* through which the screws or bolts *b* are passed.

With this construction, the length of the arms *d* may be adjusted, as shown in full and dotted lines in Fig. 1, and as indicated in full and dotted lines in Figs. 2 and 3, and the apertures or openings *e* in one side of the inner end portions of said arms are provided, in order to facilitate the mounting of said arms when the plates a^2 and a^3 are connected, but not bound closely together. When the arms *d* are in their innermost position, as shown in full lines in Fig. 1, they engage the pins *f*, but when said arms are in their outermost position, they engage the screws or bolts *b* only, and in practice the plates a^2 and a^3 are preferably provided on their inner surfaces with packing disks *h* of rubber or other suitable material, whereby the arms *d* may be securely bound and more tightly held between said plates.

Each of the plates a^2—a^3 is provided centrally with an aperture having a tubular collar *i*, and in the form of construction shown, one of said apertures is closed by a stop plug *j* screwed into the corresponding collar and from which the bag *k* is loosely suspended by means of a cord or other flexible device k^2, and in the form of construction shown, an elbow pipe *m*, or similar device is screwed into the other collar *i* and secured to a wall or support *n*, and this completes the hanger or support for the bag *k*.

My invention is not limited to any particular means for securing the body or head *a* of the device to a support, and any preferable device of this class may be employed.

In the position of the body or head *a*, shown in Fig. 2, the arms *d* curve downwardly and outwardly, but in the position of said body or head, as shown in Fig. 3, the arms *d* curve upwardly and outwardly, and with the position of the body or head *a* as shown in Fig. 1, the bag *k* has less swing or movement than when said body or head is in the position shown in Fig. 3.

The radial adjustment of the arms *d* into different positions also changes the limit of the movement of the bag *k*, as will be readily understood. And the fact that said arms are composed of spring material, facilitates the use of the device and affects, to an extent, the movement of the bag, and by shaping said arms, as shown in Fig. 1, and employing enough thereof, a complete or almost complete spring circular buffer is produced against which the bag strikes or

swings when the device is in use, and which is approximately cup-shaped in form, in either position in which the body or head *a* can be supported.

My invention is not limited to the exact construction of the body or head portion *a*, as herein shown and described, and changes therein and modifications thereof may be made, within the scope of the appended claims, without departing from the spirit of my invention or sacrificing its advantages.

Having fully described my invention, what I claim as new and desire to secure by Letters Patent is:—

1. A device of the class described comprising a body or head, and means for securing it to a support, said body or head being composed of top and bottom plates secured together and between which are secured radially arranged spring arms all of which are curved in the same direction.

2. A device of the class described comprising a body or head, and means for securing it to a support, said body or head being composed of top and bottom plates secured together and between which are secured radially arranged spring arms all of which are curved in the same direction, said arms being radially adjustable.

3. A device of the class described comprising a body or head portion and means for securing it to a wall or other support, said body or head portion being composed of similar plates between which are secured radially adjustable loop-shaped spring arms all of which are curved in one direction, and a punching bag loosely suspended from one of said plates.

4. A punching bag support, comprising a body portion from the center of which the bag is suspended, said body portion being provided with a plurality of radially arranged spring arms which form a complete circular buffer.

5. A punching bag support, comprising a body portion from the center of which the bag is suspended, said body portion being provided with a plurality of radially arranged spring arms which form a complete circular buffer and which are all curved in the same direction.

In testimony that I claim the foregoing as my invention I have signed my name in presence of the subscribing witnesses this 3rd day of March, 1914.

GEORGE YOERGER.

Witnesses:
C. MULREAMY,
S. ANDREWS.

Copies of this patent may be obtained for five cents each, by addressing the "Commissioner of Patents, Washington, D. C."