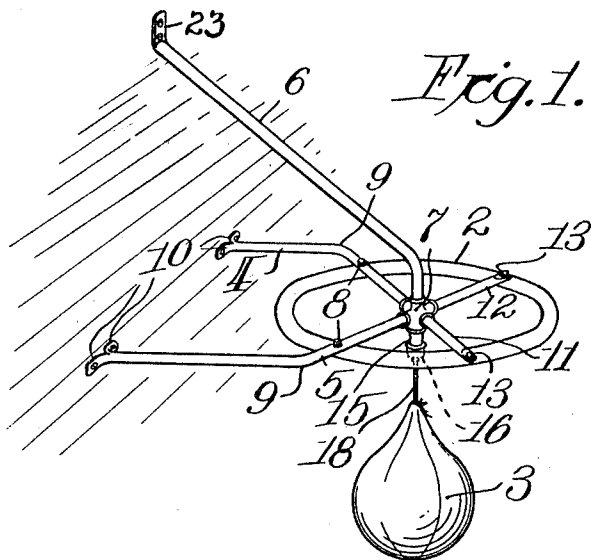
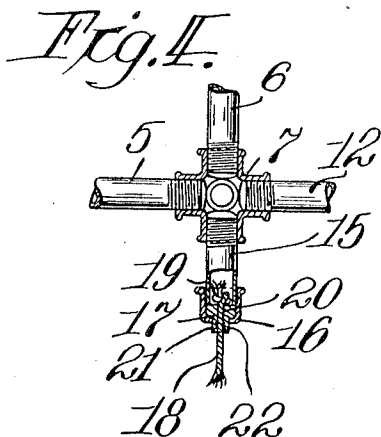
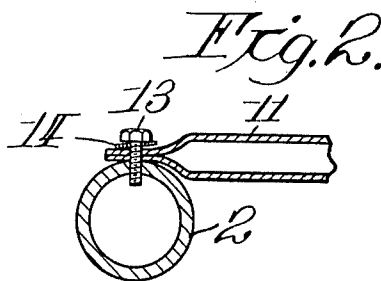


P. RANK.
STRIKING BAG SUPPORT.
APPLICATION FILED OCT. 7, 1912.

1,066,437.

Patented July 1, 1913.



Witnesses:
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UNITED STATES PATENT OFFICE.

PETER RANK, OF ST. PAUL, MINNESOTA.

STRIKING-BAG SUPPORT.

1,066,437.

Specification of Letters Patent:

Patented July 1, 1913.

Application filed October 7, 1912. Serial No. 724,260.

To all whom it may concern:

Be it known that I, PETER RANK, a citizen of the United States, residing at St. Paul, in the county of Ramsey and State of Minnesota, have invented a new and useful Improvement in Striking-Bag Supports, of which the following is a specification.

This invention relates to an improved striking bag support and has for its primary object, simple and inexpensive construction which can be easily made from ordinary stock material and which is strong and durable in use.

In the accompanying drawing forming part of this specification, Figure 1 is a perspective of my invention; Fig. 2 is a section through one of the supporting arms and the ring showing the method of securing said parts together; Fig. 3 is a perspective of a spring washer which is used between the bolt and supporting arms as illustrated in Fig. 2 and Fig. 4 is a detail, part of which is shown in section.

In the drawing 2 represents a ring which is supported in a horizontal plane and against which the striking bag 3 is adapted to impinge when in action. The ring 2 is supported by horizontal bracket arms 4 and 5 and an upwardly slanting arm 6. Near the center of the ring is a union 7 with which the arms 4, 5 and 6 are connected by threading, said arms 4 and 5 being arranged at right angles to each other and secured to the ring by bolts 8. The arms 4 and 5 are bent obliquely at 9 to extend backwardly to the wall or other supporting object to which their ends are secured by bifurcations 10. In alinement with the portions of the arms 4 and 5 which are arranged at right angles, are two oppositely arranged arms 11 and 12 which are secured into the union 7 by threads and their outer ends fastened to the ring by bolts 13. A spring washer 14 (see Fig. 3) is placed between the heads of the bolts 8 and 13 and the arms which they secure to the ring for the purpose of holding the bolts tight. The arm 6 is fastened into the upper central portion of the union 7 by threads and is bent back to the support to which the arms 4 and 5 are adapted to be secured. The arms 4, 5 and 6 are adapted to support the ring rigidly from overhead, allowing the striking ball free play below.

Into the lower central portion of the union 7 a depending arm 15 is secured by

threads and to the lower extremity of said depending arm a centrally apertured cup 16 is secured which is threaded to the arm 15 and adapted to hold a bushing 17 made of relatively soft material such as wood. The striking ball 3 is hung from the lower extremity of arm 15 by its cord 18, the upper end of which is knotted at 19 above the bushing 17 in the cup 16, said bushing having a centrally disposed passage 20 in which the cord is free to play or swivel. The bushing has a nipple 21 projecting downwardly through the cup, the inner surface of said nipple being curved at 22 to prevent abrading of the rope 18 by the swinging action of the ball.

The supporting parts described composed of the ring, and arms are adapted to be made out of ordinary stock pipe or tubing which is a convenience and an advantage in constructing the apparatus.

In use the arms 4, 5 and 6 are adapted to be secured to a support such as a wall by inserting screws through the bifurcations 10 and the flange 23, the ring 2 being adjusted in a horizontal plane. The striking ball is then secured by its cord in the swivel end of the arm 15, the cord being adjusted in length so that the ball will swing against the ring when in action.

In accordance with the patent statutes I have described the principles of operation of my invention together with the apparatus which I now consider to represent the best embodiment thereof but I desire to have it understood that the construction shown is only illustrative and that the invention can be carried out by other means and applied to uses other than those above set forth within the scope of the following claim.

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

A striking ball support, comprising, in combination, a horizontal ring, a union concentric to said ring, arms radiating from, and threaded to said union and secured to the upper portion of said ring, part of said arms projecting from said ring and forming brackets adapted to be secured to a supporting object, an overhead arm threaded down into said union and extending back and above said ring and adapted to be secured to a supporting object, a downwardly extending arm on said union, a cup

secured over the lower extremity of said
downwardly extending arm, a passaged
bushing secured by said cup to the lower
end of said downwardly extending arm and
5 extending downwardly through said cup, a
striking ball and a flexible support on said
ball having an end secured in and passing
freely through said bushing.

In testimony whereof, I have signed my
name to this specification, in the presence 10
of two subscribing witnesses.

PETER RANK.

Witnesses:

H. L. FISCHER,
F. G. BRADBURY.

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