

S. W. JOHNSON.  
PUNCHING BAG.  
APPLICATION FILED SEPT. 15, 1908.

925,342.

Patented June 15, 1909.

Fig. 1.

Fig. 3.

Fig. 4.

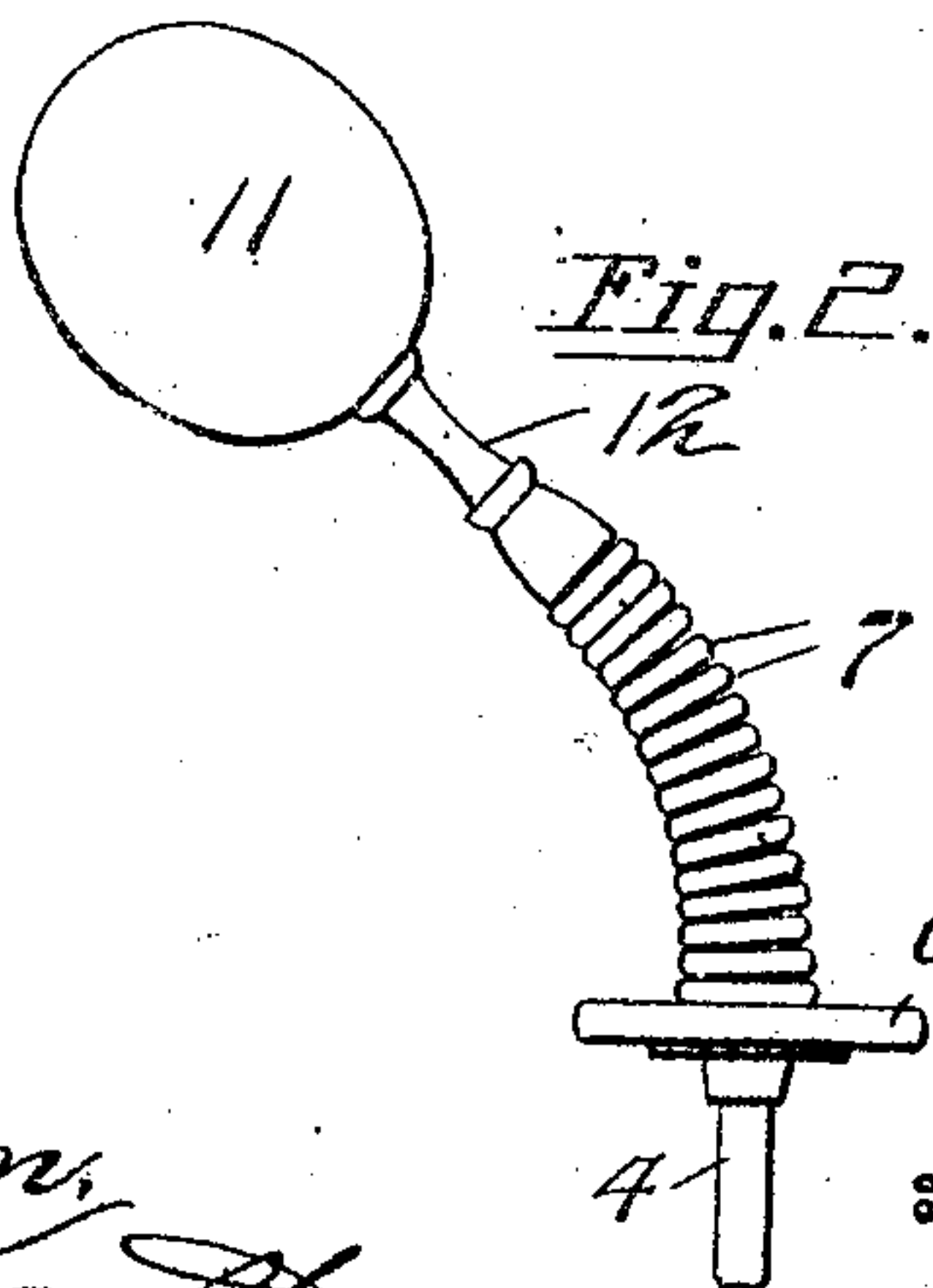
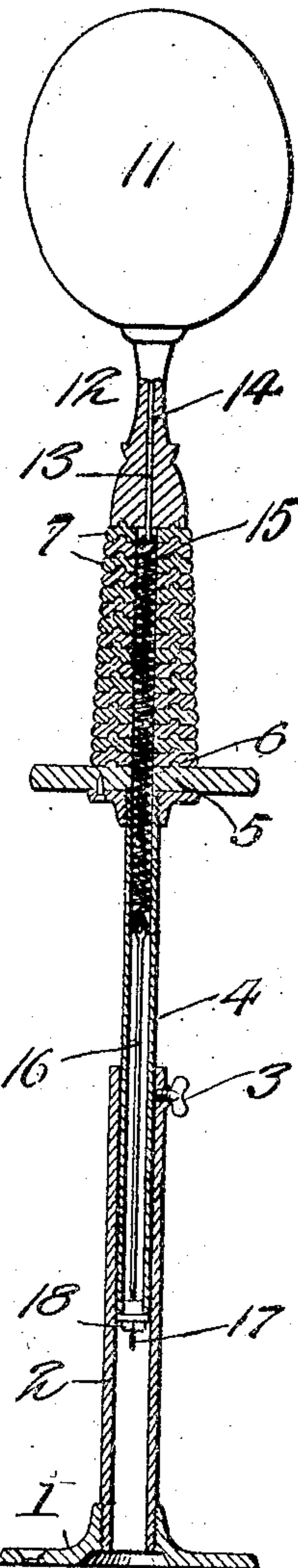
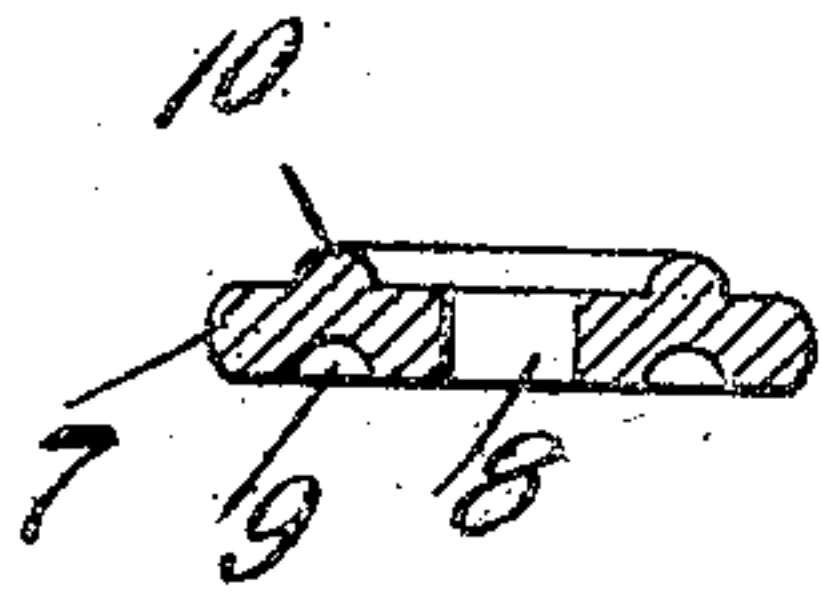
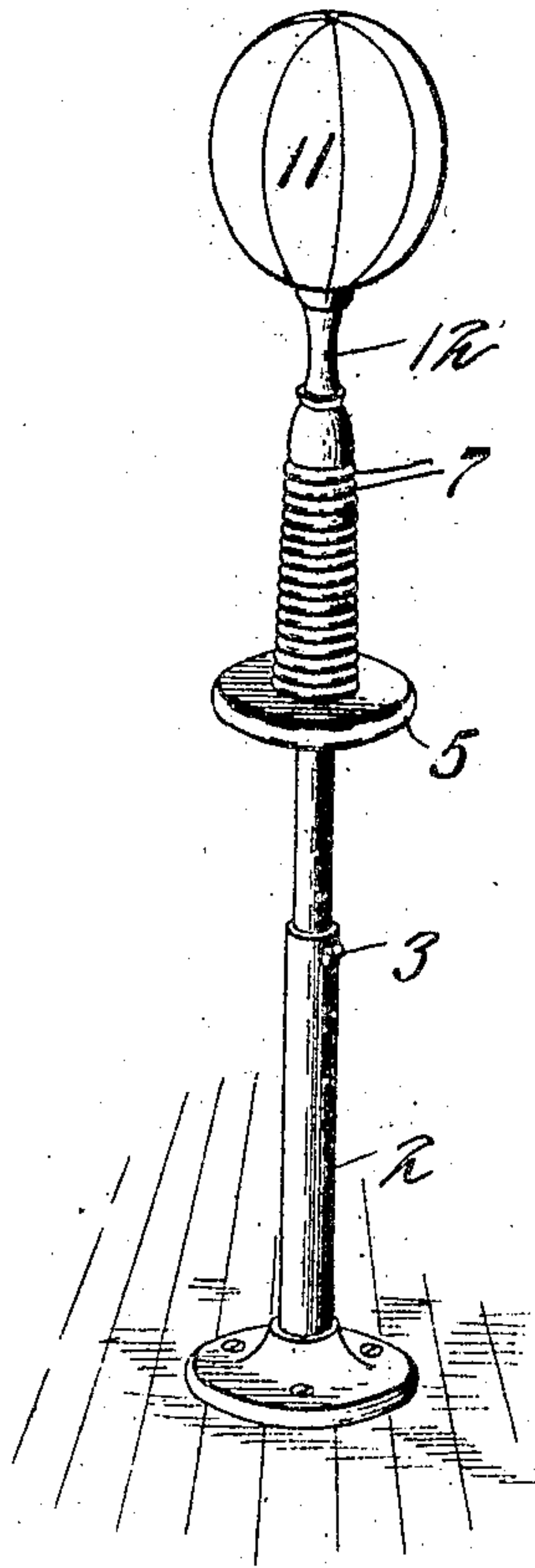


Fig. 2.

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# UNITED STATES PATENT OFFICE.

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## PUNCHING-BAG.

No. 933,342.

Specification of Letters Patent.

Patented June 15, 1909.

Application filed September 15, 1908. Serial No. 453,983.

*To all whom it may concern:*

Be it known that I, SCOTT W. JOHNSON, a citizen of the United States, residing at Le Raysville, in the county of Bradford and State of Pennsylvania, have invented new and useful Improvements in Punching-Bags, of which the following is a specification.

This invention relates to punching bags, and the object of the invention is to provide a punching bag mounted upon a base having a tubular standard and provided with means whereby the bag may be vertically adjusted so as to provide for the different heights of the users.

Another object of the invention is to provide a punching bag with a depending neck and a series of interlocking disks positioned beneath the neck and a head mounted upon a hollow member, the disks adapted to be retained in position between the neck and the head through the medium of a resilient member, and the disks being also adapted to serve as means for limiting the swing of the bag and also for returning the bag to a perfectly vertical or upright position.

With these and other objects in view which will appear as the description progresses the invention resides in the novel construction and combination of parts herein-after fully described and claimed.

In the accompanying drawings, Figure 1 is a perspective view of a punching bag constructed in accordance with the present invention and illustrating the same in its upright or vertical position. Fig. 2 is a side elevation of the upper portion of the device, showing the bag swung. Fig. 3 is a central vertical sectional view of the device. Fig. 4 is a central sectional view of one of the interlocking disks.

In the accompanying drawings the numeral 1 designates the base of the device. This base is provided with a plurality of openings adapted for the reception of securing elements by which the same may be retained upon a floor or other suitable support. The base 1 is provided with an upwardly extending tubular standard 2, and the upper portion of this standard is provided with a threaded orifice adapted for the reception of a winged bolt 3.

Slidably mounted within the tubular standard 2, and adapted to be secured in adjusted position therein through the medium of the winged bolt 3, is a hollow

sleeve 4. This sleeve 4 has its upper extremity provided with a head 5, and this head is provided with an annular bead 6 upon its upper surface adjacent the opening communicating with the hollow sleeve 4. Positioned upon the head 5 is a plurality of interlocking disks 7. The disks 7 are each provided with a central opening 8 alining with the opening provided by the hollow sleeve 4, and each of the disks has its lower face provided with an annular channel 9 and its upper face provided with an annular bead 10, the channel and bead being both arranged a suitable distance away from the central opening 8. The channel 9 of one of the disks 7 is adapted to engage the bead 10 of the next succeeding disk and the channel 9 of the lowermost disk is adapted to engage with the bead 6 of the head 5 provided by the hollow sleeve 4.

The numeral 11 designates a punching bag of any ordinary or preferred construction, and this bag is provided with a downwardly extending neck 12 which has its lower face provided with an annular groove or channel adapted to engage with the bead 10 of the uppermost disk 7. The neck 12 is also provided with a central aperture or opening 13, adapted for the reception of a tying element 14, by which the bag 11 is secured upon the neck 12, and the lower portion of this element 14 is provided with a loop or is otherwise secured to a helical spring 15, which extends downwardly through the openings 8 provided by the disks 7 and a suitable distance within the hollow sleeve 4. The opposite end of this spring 15 is adapted to be engaged by a rod 16, and this rod has its lower extremity threaded as indicated by the numeral 17 and adapted for the reception of a flanged nut 18. The flange of the nut 18 is of a size approximately equaling the diameter of the sleeve 4 so as to provide a means whereby the tension upon the spring 15 may be readily regulated and at the same time allow for the adjustment of the sleeve 4 within the standard 2.

From the above description, taken in connection with the accompanying drawings, it will be noted that I have provided a comparatively cheap, simple and effective device for the purpose set forth, one which may be readily and easily applied to any ordinary punching bag, and, while the device



has been illustrated and described as being positioned upon a floor and projecting vertically therefrom, it is to be understood that the base 1 may be applied to a wall, ceiling or any other support desirable.

Having thus fully described the invention what is claimed as new is:

1. The combination with a standard, of, a punching bag resiliently connected with the standard and sustained in parallel relation thereto, disks between the bag and the standard, and means for regulating the tension of the resilient connection between the standard and the bag.

2. The combination with a standard, of a punching bag, a neck provided with a central orifice for the bag, a plurality of disks having central apertures between the neck and the standard, a resilient element playing within the apertures of the disks, a member connecting the resilient element with the bag, and means for adjusting the tension of the resilient element.

3. The combination with a base, of a tubular standard extending therefrom, a hollow sleeve for the standard, means for securing the sleeve upon the standard, a head for the sleeve, a plurality of disks having central openings upon the head, a punching bag having a neck engaging the uppermost disk, a resilient element connecting the bag and playing within the openings provided by the disks and the hollow sleeve, and means for

regulating the tension of the resilient element.

4. The combination with a base, of a tubular standard extending therefrom, a hollow sleeve for the standard, means for securing the sleeve upon the standard, a head for the sleeve, said head being provided with an annular bead, a plurality of disks having central openings upon the head, said disks having their under faces provided with annular grooves and their upper faces provided with annular beads, the groove of one of the disks adapted to engage with the bead of the next disk, the groove of the disk adjacent the head adapted to engage with the bead provided upon the head, a sleeve member having a central opening and its lower face provided with an annular groove adapted to engage the annular bead of the outermost disk, a punching bag, a connecting member within the opening of the sleeve secured to the punching bag, a resilient element secured to the connecting member, a threaded rod secured to the resilient element, and a threaded member having a bearing face engaging the end of the hollow sleeve for regulating the tension of the flexible element.

In testimony whereof I affix my signature in presence of two witnesses.

SCOTT W. JOHNSON.

Witnesses:

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