

No. 653,175.

Patented July 3, 1900.

J. GAMBLE.
PUNCHING BAG.

(Application filed Oct. 4, 1899.)

(No Model.)

Fig. 1.

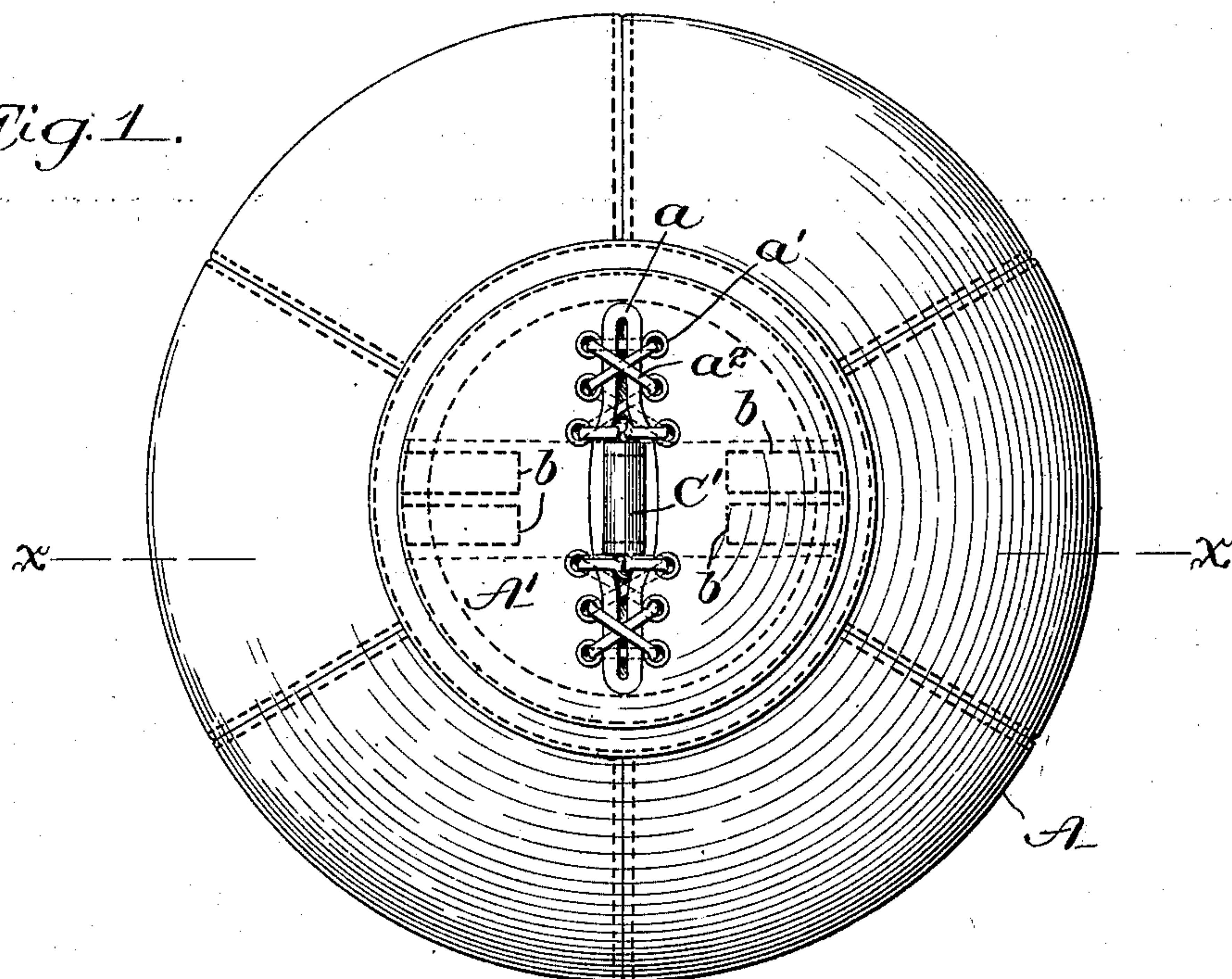
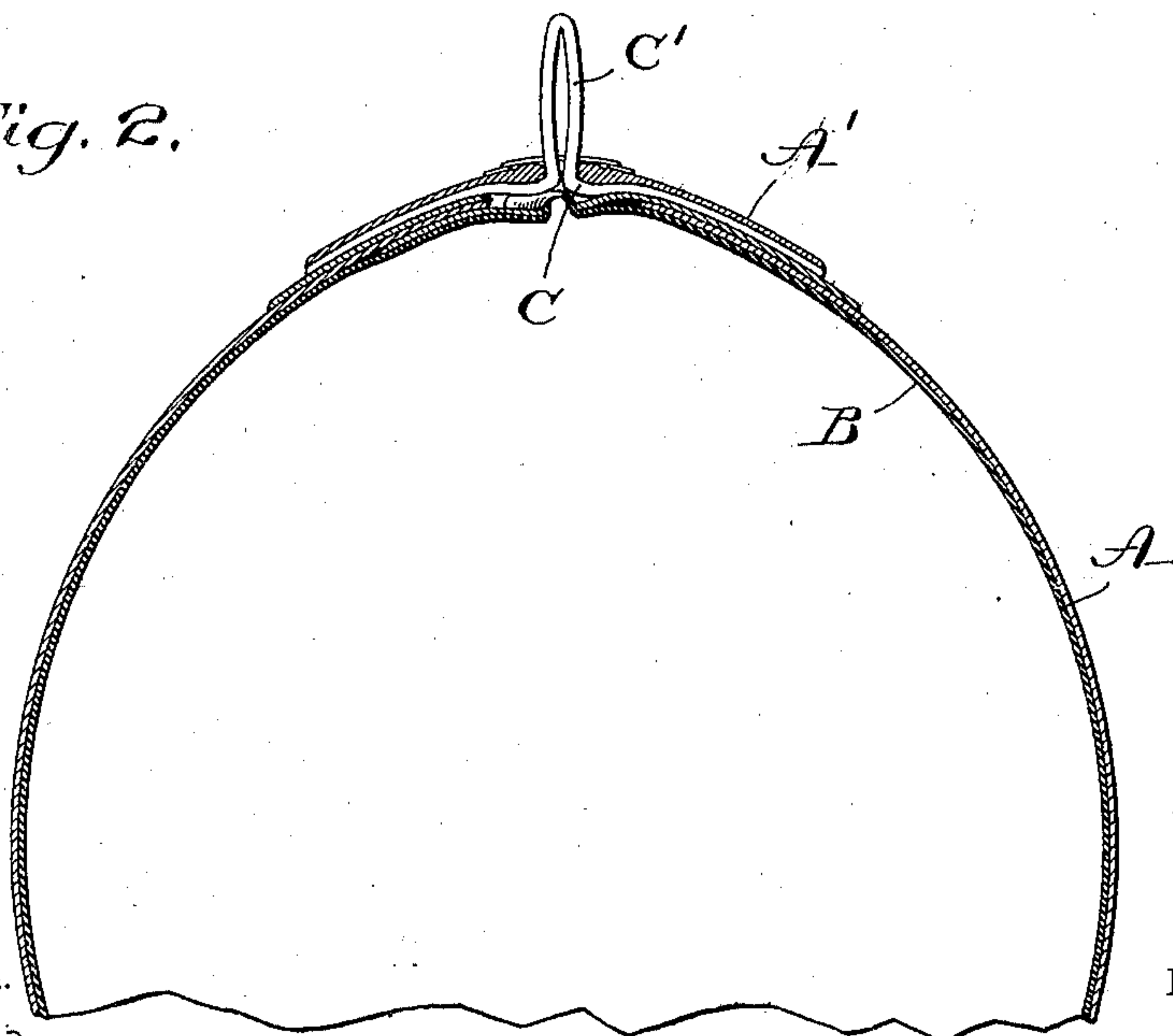


Fig. 2.



Witnesses.

Wm. L. Love
J. Boyd Coates

Inventor.

John Gamble
Thos. S. Mowles
Attorney.

UNITED STATES PATENT OFFICE.

JOHN GAMBLE, OF PHILADELPHIA, PENNSYLVANIA, ASSIGNOR TO GEORGE A. REACH, OF SAME PLACE.

PUNCHING-BAG.

SPECIFICATION forming part of Letters Patent No. 653,175, dated July 3, 1900.

Application filed October 4, 1899, Serial No. 732,447. (No model.)

To all whom it may concern:

Be it known that I, JOHN GAMBLE, a citizen of the United States, residing at Philadelphia, in the county of Philadelphia and State of Pennsylvania, have invented certain new and useful Improvements in Punching-Bags; and I do declare the following to be a full, clear, and exact description of the invention, such as will enable others skilled in the art to which it appertains to make and use the same, reference being had to the accompanying drawings, and to the letters of reference marked thereon, which form a part of this specification.

My invention relates to punching-bags; and the object of my improvement is to more securely fasten the loop or strap by which the bag is suspended while in use. Heretofore considerable difficulty has been found in securely attaching this strap to the leather bag that surrounds the rubber bladder; and it is usually fastened thereto by stitching the ends of the loop upon the outside of the bag a short distance beyond the lacing. In my improvement the ends of the suspending-loop are fastened securely to the top of the bag on the inside thereof under the reinforcing-strip usually placed at the top of the bag and having the loop projecting through the lacing-up slip.

In the accompanying drawings, Figure 1 represents the plan view of the end of the bag having thereon the usual reinforcing-strip, provided with a suitable opening and having the loop of the suspending-strap projecting through the lacing-slit in the top of the bag. Fig. 2 is a sectional view through the top of the bag on line xx of Fig. 1.

A represents the outside leather covering of the punching-bag.

B is the ordinary form of rubber bladder used in bags of this kind.

B' is a cap provided with a suitable opening and is secured to the top of the bag and stitched thereto in any suitable manner.

A' is the reinforcing-strip outside and on top of the cap B'.

a is the slit in the reinforcing-strip, a' the lacing-eyelets, and a'' the lace therein.

C is the suspending-strap, fastened at both

ends to the top of the cap and underneath the reinforcing-piece A'.

$b b$ are the rows of stitching by which the ends of the strap C are fastened to the cap and bag. The loop C' of this strap extends through the opening or slit a in the top of the reinforcing-strip, as shown in Fig. 2. When the ends of the suspending-strap C are fastened underneath the reinforcing-strip and to the leather cap and bag, with the loop C' extending outside of the edges of the slit a , as shown, and the inside rubber bladder is inflated, the outward pressure of the bladder will distend the bag A. The ends of the loops being fastened, as shown, with the loop projecting between the edges of the lacing-strip, when the bag is inflated and laced up the pull is very slight upon the stitching and comes directly against the edges of the lacing-slit a in the reinforcing-strip A'. By reason of the yielding character of the laced opening a great part of the strain upon the stitching holding the strap in place will be obviated, as the pull and strain on the strap caused by a blow upon the bag will fall upon the yielding edges of the laced opening and partly or wholly take up such strain, as is evident.

Having thus described my invention, what I claim as new is—

A punching-bag consisting of an outer covering provided with a slit, a cap secured to said covering also provided with a slit registering with the slit in the covering, a looped strap having its ends secured to said cap, a reinforcing-piece having a lacing-slit therein and fitting over said loop and upon said cap and secured thereto, and means for lacing said slit at opposite sides of said projecting loop, whereby, by reason of said lacings, the edges of said slit adjacent to said loop and between said lacings are yielding and serve to take up the strain from the loop-fastenings incident to sudden and rapid blows on the bag, as set forth.

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

JOHN GAMBLE.

Witnesses:

THOS. D. MOWLDS,
SAML. H. KIRKPATRICK.