

C. W. ROYCE.

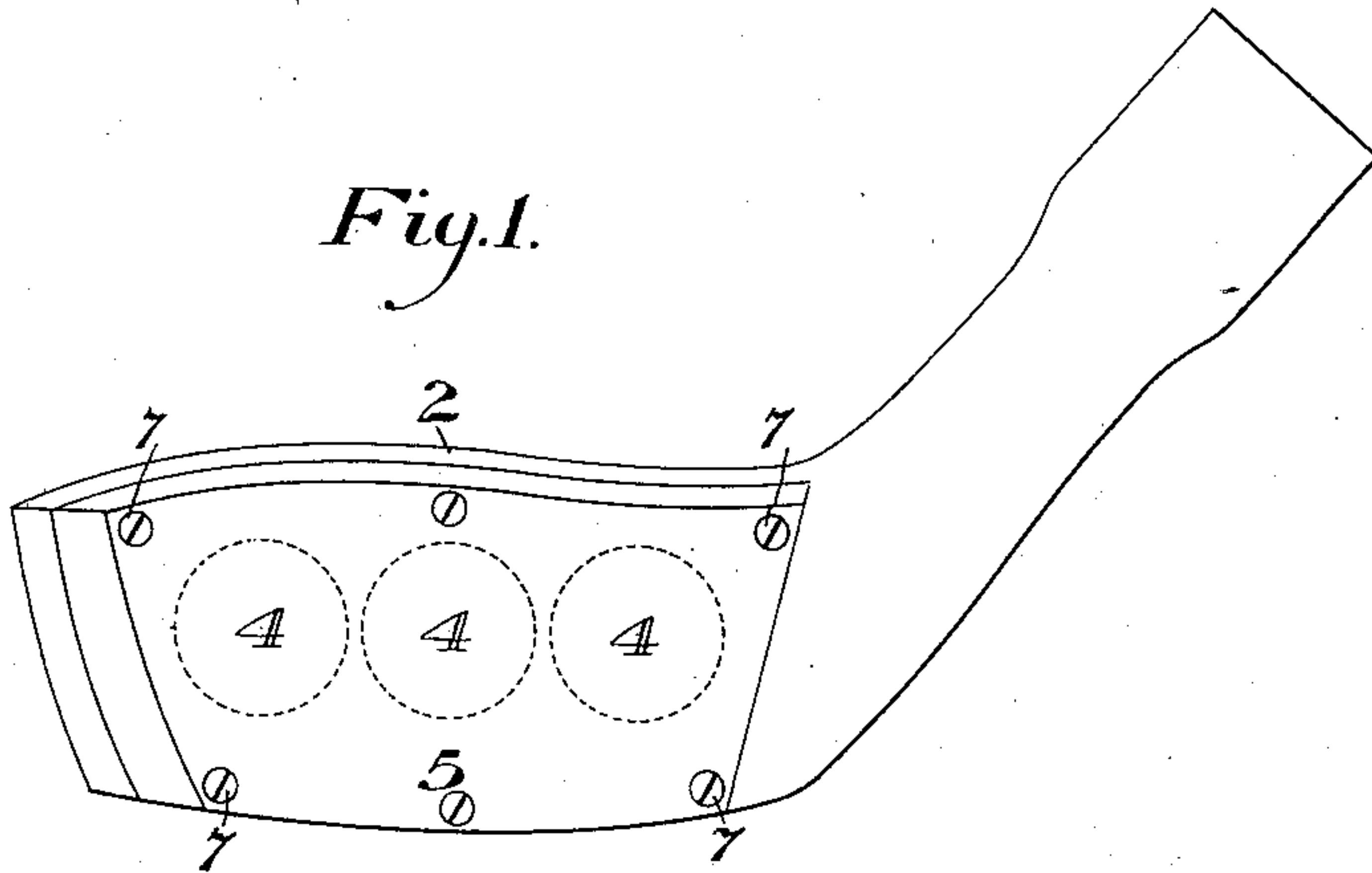
GOLF CLUB.

APPLICATION FILED APR. 14, 1906.

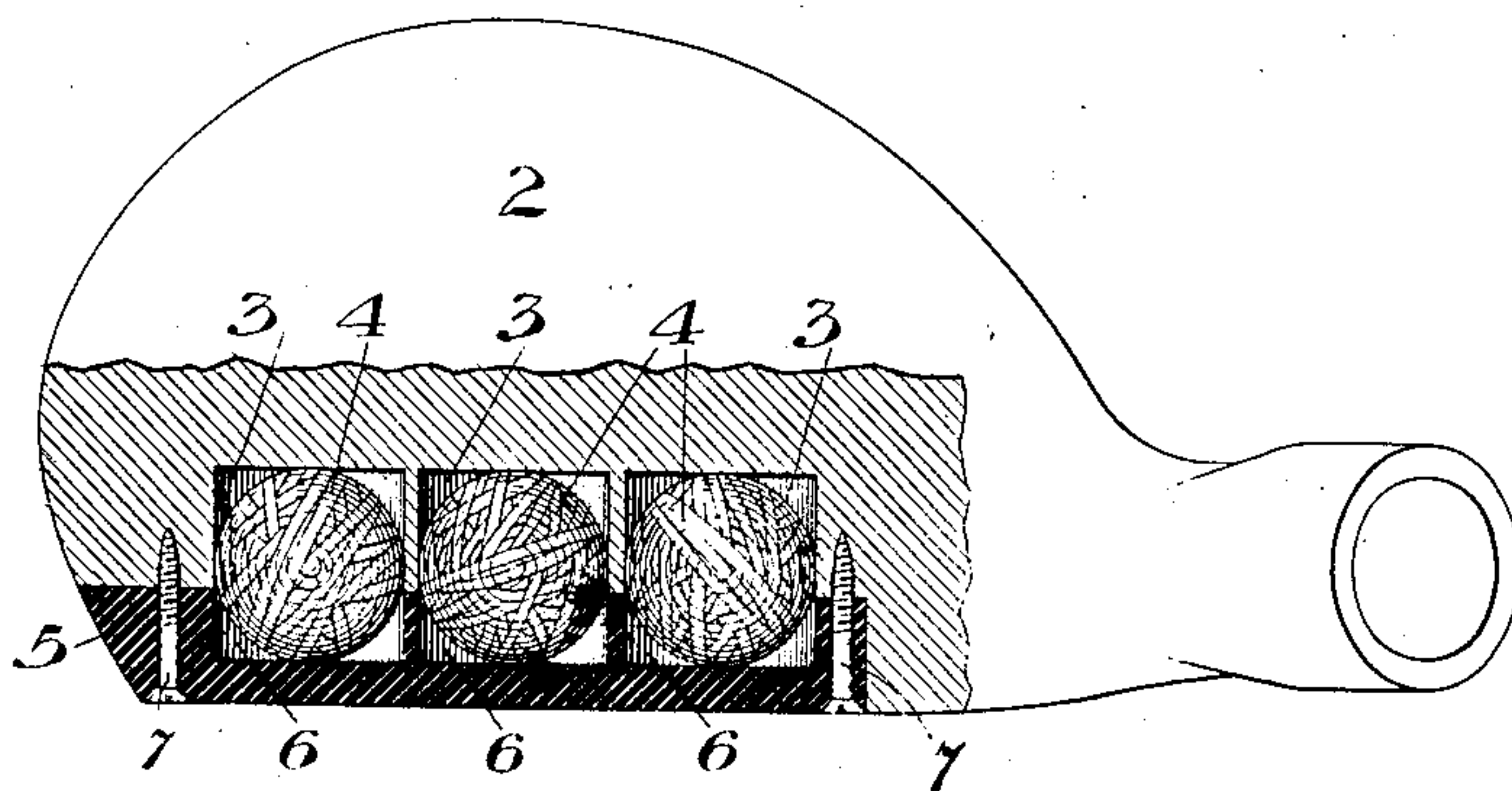
925,389.

Patented June 15, 1909.

*Fig. 1.*



*Fig. 2.*



WITNESSES

Warren U. Swartz  
R. H. Balderston.

INVENTOR

Charles W. Royce  
by Cassell & Byrnes  
his Attorneys

# UNITED STATES PATENT OFFICE.

CHARLES W. ROYCE, OF MONTCLAIR, NEW JERSEY, ASSIGNOR TO KEMPSHALL MANUFACTURING COMPANY, OF NEW YORK, N. Y., A CORPORATION OF NEW JERSEY.

## GOLF-CLUB.

No. 925,389.

Specification of Letters Patent.

Patented June 15, 1909.

Application filed April 14, 1906. Serial No. 311,687.

*To all whom it may concern:*

Be it known that I, CHARLES W. ROYCE, of Montclair, Essex county, New Jersey, have invented a new and useful Improvement in Golf-Clubs, of which the following is a specification, reference being had to the accompanying drawing, in which—

Figure 1 is an elevation of the head of a golf club constructed in accordance with my invention; and Fig. 2 is a plan view partly in section.

My invention relates to an improvement in clubs used for golf and like games, and the purpose of it is to impart resiliency to the face of the club and thus to increase the distance to which balls can be driven thereby.

The invention is applicable to the manufacture of drivers, brassies and like clubs.

It consists in providing the face of the club with a cover-plate or pad of celluloid, rubber or other suitable material, which is backed on its inner side by plugs of elastic material.

It also consists in making these plugs in the form of balls which are set in sockets in the body of the club; also in making the balls of rubber bands or threads wound tightly together; and also in making the balls of such rubber threads or bands wound under tension.

The face-plate of the club is preferably provided with recesses on its inner face, which fit over the balls, and it is clamped firmly to the club so as to place the balls under tension. When such club is used, it will be found that the additional resiliency imparted by the plugs or balls will increase considerably the sending power of the club, and especially so when the balls are made in the manner described above of elastic bands or threads wound with interspersed fibrous material.

In the drawings in which I show the preferred construction of the club, 2 represents the head of a driver having on its face a row of sockets 3 which are preferably three in

number and in each of these sockets is set a ball 4. Any desired number of the balls 4 may be used, and the number of sockets varied accordingly. This ball is made preferably of rubber bands wound tightly together under tension and affords a compact, highly resilient ball, and within the scope of my broader claims the construction of the balls may be varied and elastic balls otherwise made may be substituted. The face-plate 5 of the club is placed over the balls and is pressed firmly against the same by means of suitable fastening devices, preferably screws 7 by which it is secured to the face of the club. The inner surface of the face-plate is provided with recesses 6 into which the plugs or balls fit.

When the invention is applied to brassies or like clubs, metal face-plates may be employed and the form of the plug and the arrangement of parts may be varied to suit the particular application to which my invention is put.

I claim:

1. A playing club having on its face a plurality of balls of resilient material and a face-plate compressed against the same.

2. A playing club having on its face resilient plugs set in sockets in the face and a face-plate compressed against the same, said face-plate being also provided with sockets.

3. A playing club having on its face a ball of resilient material and a face-plate compressed against the same.

4. A playing club having on its face a ball of resilient material and a face-plate compressed against the same, said ball being composed of elastic strips or threads wound under tension.

In testimony whereof, I have hereunto set my hand.

CHARLES W. ROYCE.

Witnesses:

GEORGE H. SONNEBORN,  
ANNA E. WALLACE.