

No. 702,697.

Patented June 17, 1902.

E. BOULANGER.
HOUSE TENNIS RACKET.
(Application filed Apr. 9, 1902.)

(No Model.)

Fig. 2.

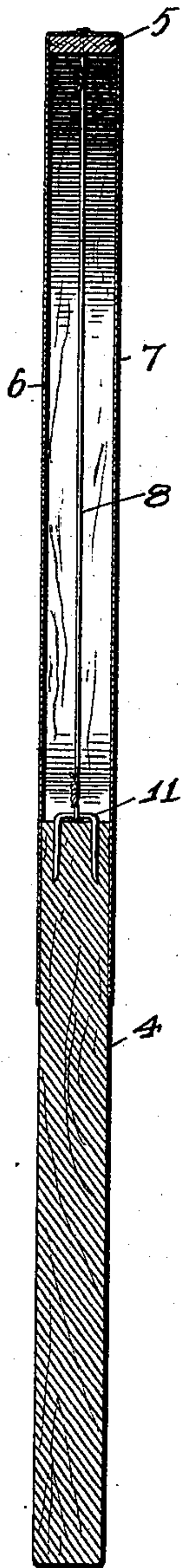


Fig. 1.

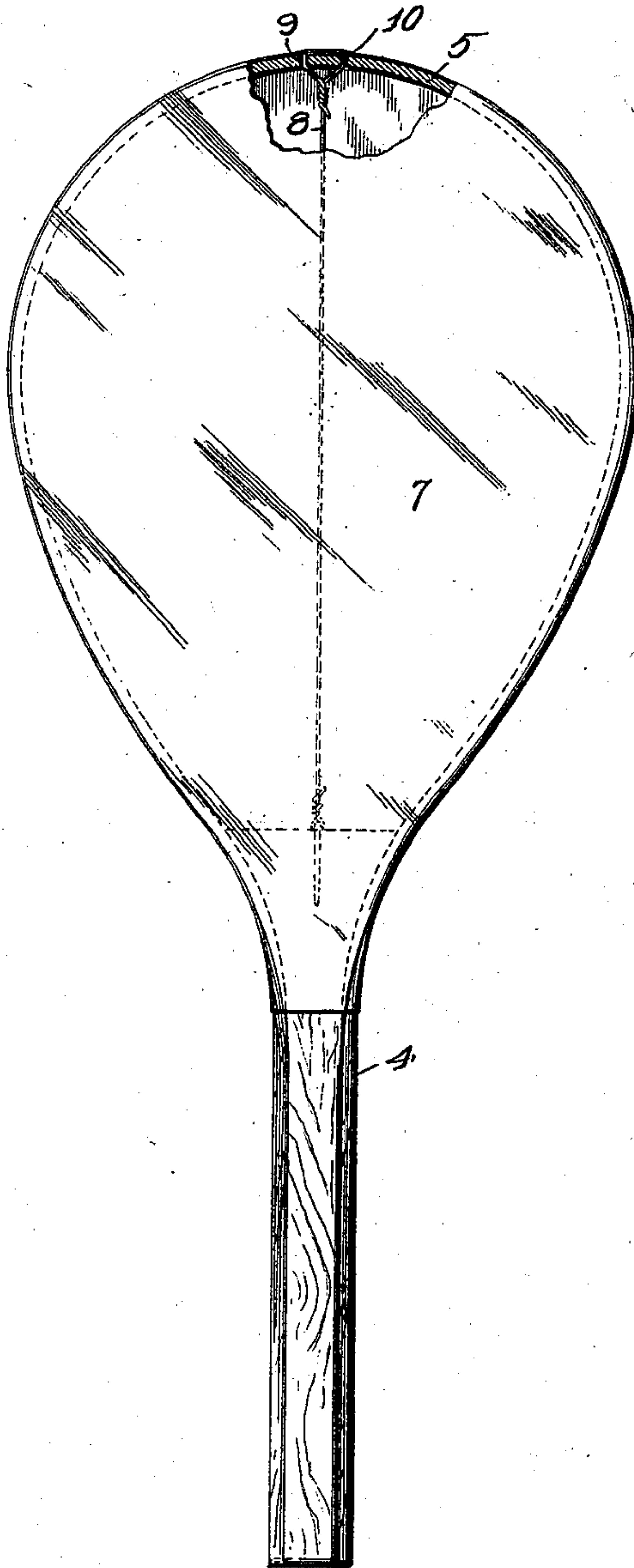
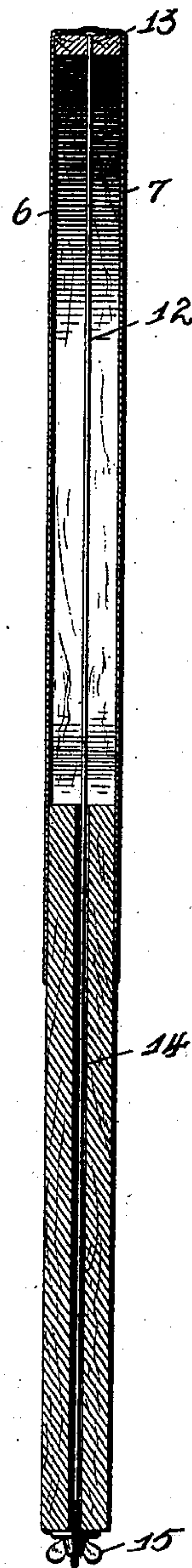


Fig. 3.



Witnesses:
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UNITED STATES PATENT OFFICE.

EMILE BOULANGER, OF ST. LOUIS, MISSOURI.

HOUSE-TENNIS RACKET.

SPECIFICATION forming part of Letters Patent No. 702,697, dated June 17, 1902.

Application filed April 9, 1902. Serial No. 102,021. (No model.)

To all whom it may concern:

Be it known that I, EMILE BOULANGER, of the city of St. Louis, State of Missouri, have invented certain new and useful Improve-
5 ments in House-Tennis Rackets, of which the following is a full, clear, and exact description, reference being had to the accompanying drawings, forming a part hereof.

My invention relates to house-tennis rack-
10 ets; and it consists of the novel features herein shown, described, and claimed.

My object is to construct an improved house-tennis racket; and my invention consists of the combination, with an ordinary
15 house-tennis racket having the usual frame and a rawhide cover stretched upon the frame, of a suitable stay extending from the handle outwardly to the opposite side of the frame.

Figure 1 is a side elevation. Fig. 2 is a cen-
20 tral longitudinal section. Fig. 3 is a view analogous to Fig. 2 and showing a modification.

Referring to the drawings in detail, my invention consists of the combination, with an
25 ordinary house-tennis racket having the handle 4, the bow 5, extending from the handle, and the rawhide heads 6 and 7, stretched upon the bow, of the stay 8, attached to the forward end of the handle and extending out-
30 wardly between the rawhide heads and attached to the opposite side of the bow from the handle.

In the preferred construction a wire is passed outwardly through an opening 9 and backwardly through a similar opening 10 and
35 twisted upon itself inside of the bow, and the opposite end of the wire is passed through a staple 11, driven into the forward end of the handle 4 and twisted upon itself after being drawn tight. This stay prevents the bow from
40 elongating, adds greatly to its stiffness and durability, and prevents wrinkling of the heads.

In the modification shown in Fig. 3 a rod 12 is inserted entirely through an opening 13
45 in the outer part of the bow and passed through an opening 14 in the handle, and the adjusting-nut 15 is placed upon the end of the rod, so that the rod may be tightened or
50 loosened, as desired.

I claim—

The improvement in house-tennis rackets, comprising the combination with an ordinary house-tennis racket, having the usual frame
55 and a rawhide cover stretched upon the frame; of a suitable stay extending from the handle outwardly to the opposite side of the frame, substantially as specified.

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

EMILE BOULANGER.

Witnesses:

ALFRED A. EICKS,
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