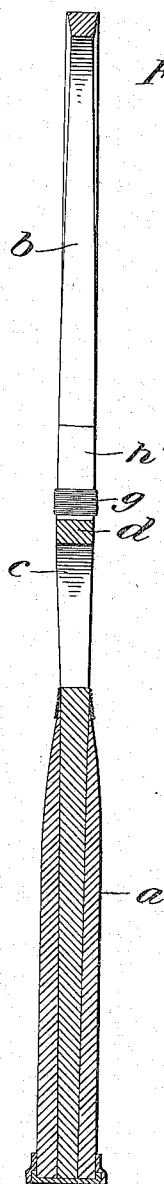
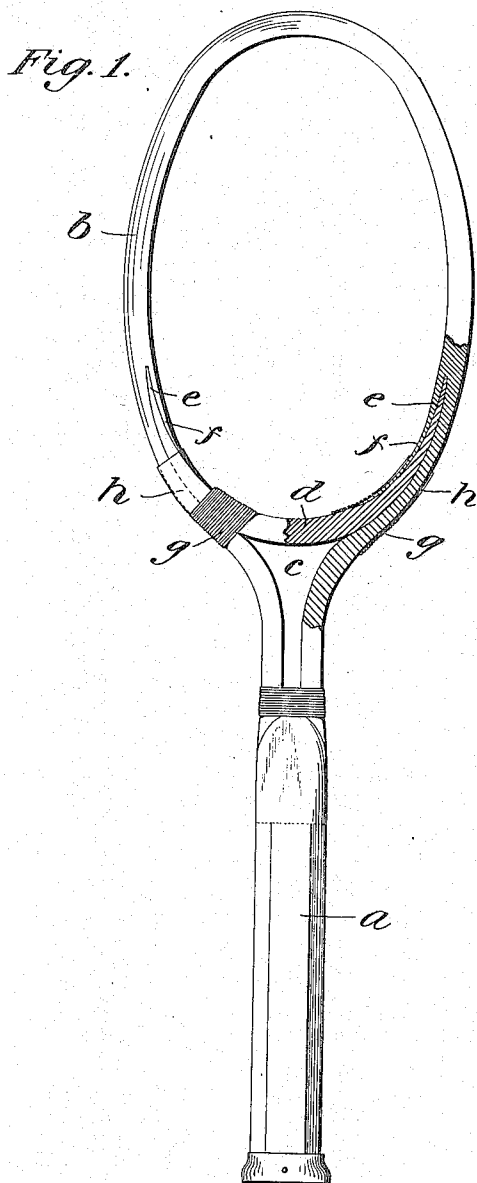


W. RICHEY.
 TENNIS RACKET.
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1,122,159.

Patented Dec. 22, 1914.



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UNITED STATES PATENT OFFICE.

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TENNIS-RACKET.

1,122,159.

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To all whom it may concern:

Be it known that I, WILLIAM RICHEY, a citizen of the United States, residing at Chicopee Falls, Massachusetts, have invented certain new and useful Improvements in Tennis-Rackets, of which the following is a specification.

My invention relates to tennis rackets, and is designed to provide a racket with an open throat with an inserted throat piece so connected to the frame as to provide a very firm support and a construction of unusual strength.

My invention consists in the novel method in which the throat piece is connected with the frame so as to increase the gluing surface and generally strengthen the insertion joint.

In the accompanying drawing I have shown my improved device in Figure 1 in elevation with the joint in section; Fig. 2 is a vertical section taken centrally through Fig. 1.

The handle of the racket is of any ordinary or improved construction shown at *a*, and the frame is shown at *b*.

My invention consists in providing the racket with an open throat as at *c*, and a strengthening throat piece *d* extending between the lower limbs of the frame, and peculiarly inserted so as to increase the gluing surface and secure the greatest possible strength and stability. To this end, as will be seen in Fig. 1, the throat piece *d* is made with tapering ends *e*, and these are fitted into recesses extending into the lower limbs

of the frame, the overlapping parts of the frame, as at *f*, being, of course, also tapering, and there is thus provided two gluing surfaces throughout the extent of contact between the inserted ends *e*, the main body of the frame and the overlapping sections *f*. In addition to the glue as a binder I use a wrapping of suitable material as at *g*, and an additional wrapper shown at *h*. This provides not only a construction of great strength, but adds to the attractiveness of the racket as well.

I claim as my invention:—

1. A tennis racket comprising a handle, a frame, with a throat piece forming the lower end of the racket frame, and leaving an open throat, the ends of the throat piece being wedge-shaped and fitting corresponding recesses in the frame, with parts overlapping the ends of the throat piece, substantially as described.

2. A tennis racket comprising a handle, a frame, a throat piece having tapering or wedge-shaped ends, the frame being provided with recesses adapted to receive said wedge-shaped ends and having overlapping sections *f*, the parts being glued together, and supplemental binding means for the throat piece and frame, substantially as described.

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

WILLIAM RICHEY.

Witnesses:

MILTON B. REACH,
DELMAR E. SEYMOUR.