May 4, 1926. 1,583,309

W. F. REACH

RACKET FRAME AND HANDLE

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Fig. 2.

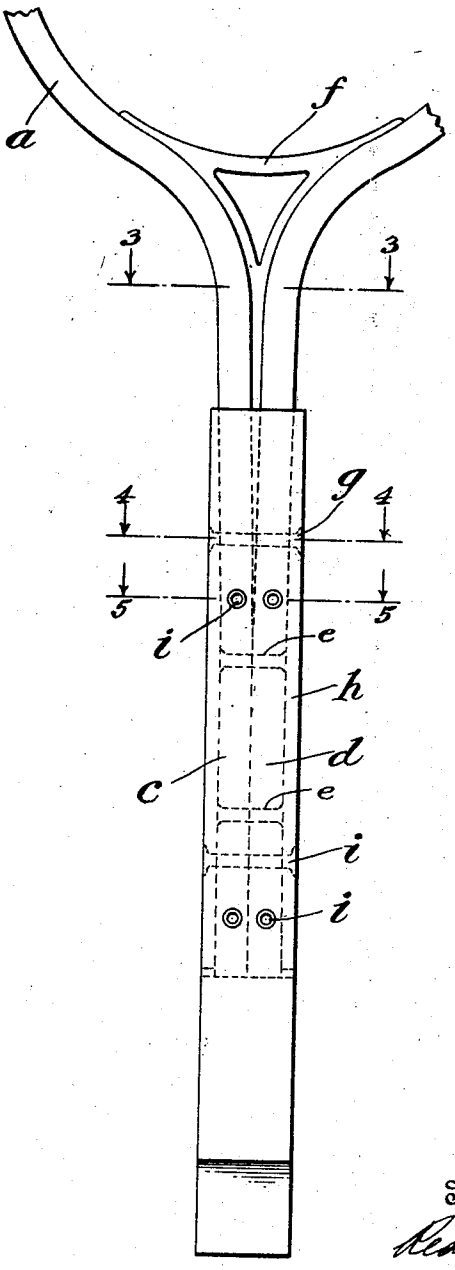


Fig. 1.

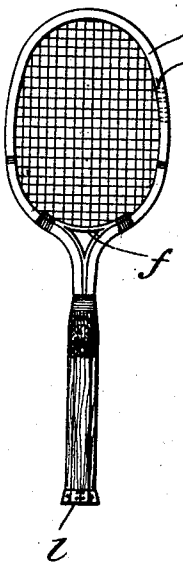


Fig. 3.

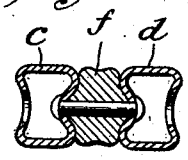


Fig. 4.

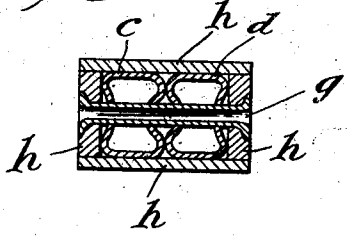
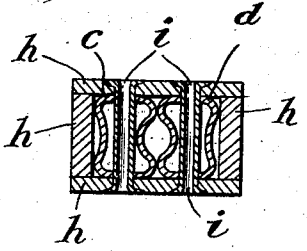


Fig. 5.



Inventor

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By his Attorneys

Redding, Grelg, Dillee & Campbell

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Fig. 6.

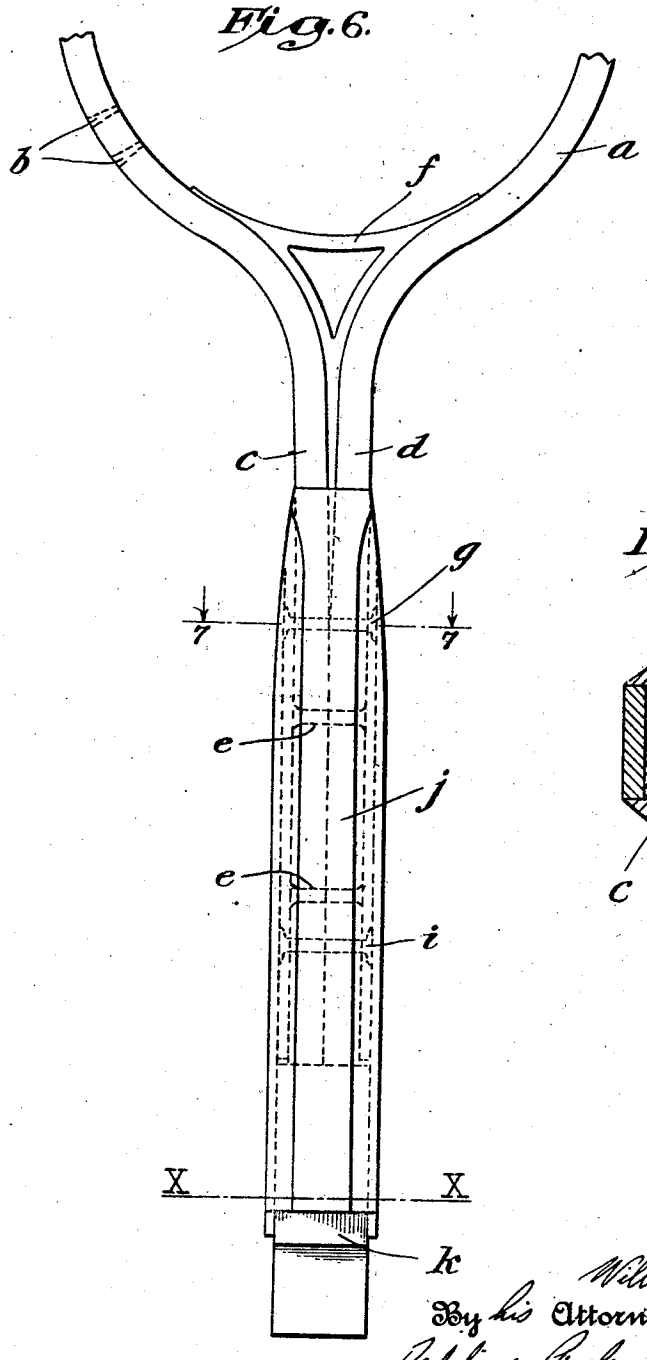
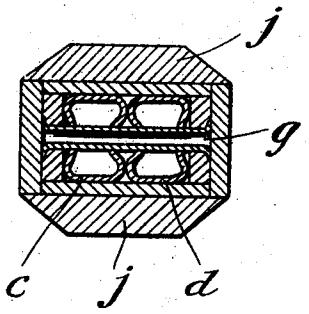


Fig. 7.



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Patented May 4, 1926. 1,583,309

UNITED STATES PATENT OFFICE.

WILLIAM F. REACH, OF CHICOPEE, MASSACHUSETTS, ASSIGNOR TO A. G. SPALDING & BROS., OF NEW YORK, N. Y., A CORPORATION OF NEW JERSEY.

RACKET FRAME AND HANDLE.

Application filed October 16, 1925. Serial No. 62,698.

To all whom it may concern:

Be it known that I, WILLIAM F. REACH, a citizen of the United States, residing at Chicopee, in the State of Massachusetts, have invented certain new and useful Improvements in Racket Frames and Handles, of which the following is a specification, reference being had to the accompanying drawing, forming a part hereof.

This invention relates to tennis rackets having a hollow metal frame construction wherein the frame ends form the base portion of the handle, the frame being bent to form a loop of suitable shape and provided with means for stringing the loop with a suitable material for providing a striking surface.

More particularly, the invention relates to the construction of the handle of the racket whereby a suitable grip is secured to the handle portions of the frame and no external securing means is necessitated.

The manner in which this invention is carried out will now be more particularly described in connection with the accompanying drawings, in which:

Figure 1 shows a plan view of the finished racket.

Figure 2 is an enlarged view of a portion of the racket showing the construction in dotted lines.

Figure 3 is a section on lines 3—3 of Figure 2 and looking in the direction of the arrows.

Figure 4 is a section on line 4—4 of Figure 2 and looking in the direction of the arrows.

Figure 5 is a section on line 5—5 of Figure 2 and looking in the direction of the arrows.

Figure 6 is a view showing the grip members positioned over the flake members.

Figure 7 is a section on line 7—7 of Figure 6 and looking in the direction of the arrows.

In Figure 1 is shown a racket frame *a* with eyelets *b* for stringing. The ends of the frame *c* and *d*, are brought together under tension into parallel and abutting relation and riveted together as at *e*.

Throat piece *f* is secured between the frame portions forming the throat of the racket by means of rivets *g*.

Over the handle portions *c* and *d* of the frame are secured flake members *h* which may be of wood or other suitable material. Rivets *i* may be provided to secure the flake members to the frame ends.

Over the flake members are secured grip members *j* which may be glued to the former. They are shaped to a suitable degree to provide a comfortable grip for the hand and finished off in the well known manner.

A suitable block *k* may be secured between the flake members and in abutting relation to the ends of the frame *c* and *d* in order to finish off the end. The block, flake and grip members may be cut off at a desired point *x—x* and finished in the usual manner as at *l*.

It is thus seen that applicant has provided a convenient and secure means of securing a handle to a racket with a metal frame and handle portions. It is obvious that the handle may have many and varied applications and is not limited to the specific form described except as defined in the claims.

What I claim is:

1. A racket comprising frame portions secured in proximate relationship to each other, flake members secured on all sides of the frame portions and a grip member secured over each flake member.

2. A racket comprising metallic frame portions secured in contiguous relationship, flake members secured around the frame portions and grip members secured over the flake members.

3. A racket comprising metallic frame portions secured in parallel and abutting relationship and forming a handle portion, flake members secured around the abutting portions and grip members secured over the flake members.

4. A racket comprising metallic frame portions secured in parallel and abutting relationship and forming a handle portion, flake members formed of thin wood sheathing and secured to the handle portions, and grip members secured to the flake members and shaped to give a suitable thickness and balance to the handle.

This specification signed this 13th day of Oct., A. D. 1925.

WILLIAM F. REACH.