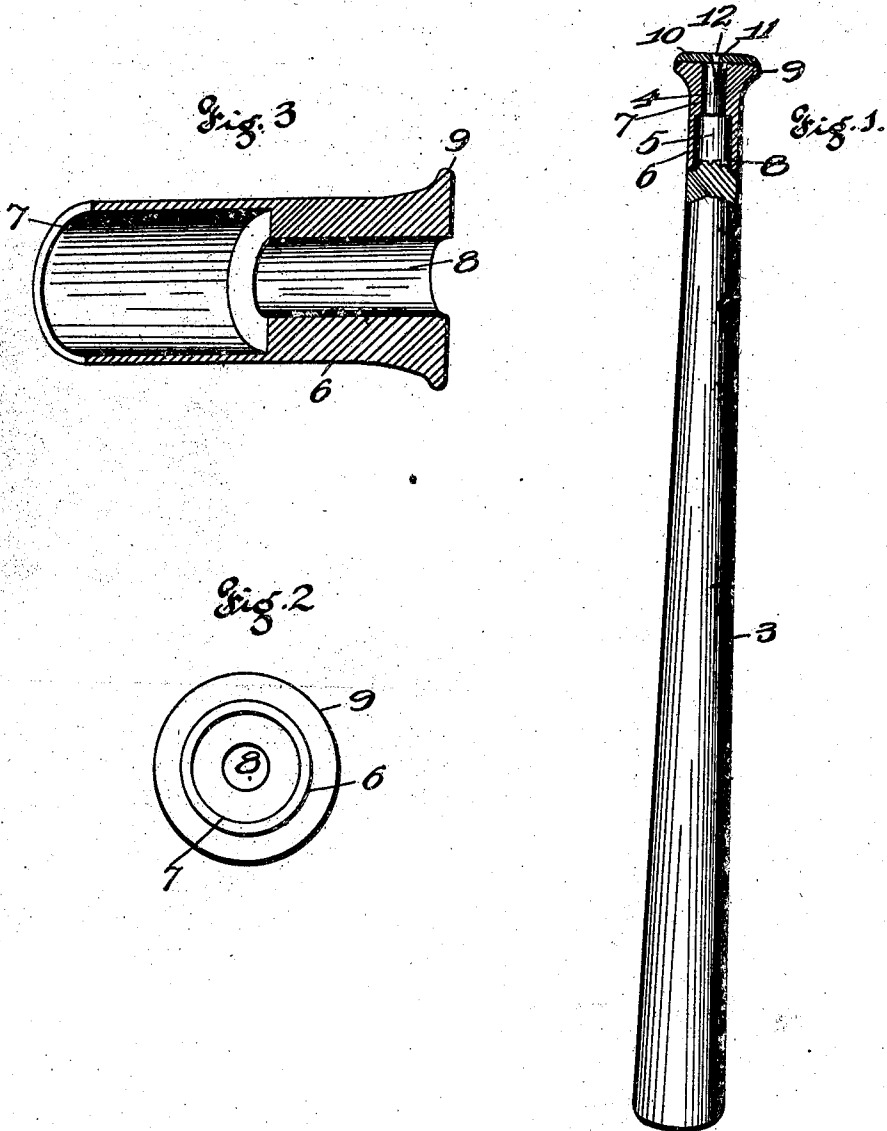


No. 814,857.

PATENTED MAR. 13, 1906.

F. MAECHLING.
BASE BALL BAT.
APPLICATION FILED NOV. 6, 1905.



Witnesses
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UNITED STATES PATENT OFFICE.

FREDERICK MAECHLING, OF ST. LOUIS, MISSOURI.

BASE-BALL BAT.

No. 814,857.

Specification of Letters Patent.

Patented March 13, 1906.

Application filed November 6, 1905. Serial No. 286,127.

To all whom it may concern:

Be it known that I, FREDERICK MAECHLING, a citizen of the United States, and a resident of St. Louis, Missouri, have invented certain new and useful Improvements in Base-Ball Bats, of which the following is a specification.

My invention relates to improvements in base-ball bats, and has for its object to provide a base-ball bat having a counterbalancing metallic weight at its handle end.

In the drawings, Figure 1 is a side elevation of the bat of my invention, showing the handle end in mid-section. Fig. 2 is a top plan view of the weight attachment. Fig. 3 is a view in mid-section of the weight attachment.

The bat of my invention consists of the usual wooden body 3, turned at its handle end to form the concentric spindles 4 and 5. I have provided a ferrule 6 of the form illustrated in the drawings to fit over the spindles 4 and 5, providing the necessary weight. This ferrule 6 is cylindrical in form and provided with the concentric chambers 7 and 8. The outer end of the ferrule 6 is provided with the flange 9. Over the outer end of the ferrule 6 I have provided the circular plate 10, having the opening 11 at its center, whereby it is secured to the end of the bat by means of a screw 12. The ferrule 6 is thus readily removable, so in case of the injury or destruction of the bat upon which it is being used it may be removed and replaced upon a

new bat. The ferrule 6 and plate 10 have their meeting edges beveled into alinement, and the ferrule 6 is of such shape that when fitted in place the outer surface of the bat is unbroken thereby. The flange 9 may be of various thickness and weight, so that a heavier or lighter ferrule may be placed upon the bat to meet the requirements of the user.

By means of the employment of my invention the bat into which it is embodied may be balanced to meet the exact requirements of the user, depending upon the muscular strength and length of reach of the user.

The ferrule 6 may when made of metal be heated before being placed in position upon the bat, so that when shrunk by cooling it will contact closely with the spindles 4 and 5.

Having thus described my invention, what I claim as new, and desire to have secured to me by the grant of Letters Patent, is—

In a base-ball bat, the concentric spindles 4 and 5, in combination with a ferrule provided with concentric chambers adapted to fit over the concentric spindles, and a plate whereby the ferrule is secured to the bat, substantially as specified.

In testimony whereof I have signed my name to this specification in presence of two subscribing witnesses.

FREDERICK MAECHLING.

Witnesses:

ALFRED A. EICKS,
WALTER C. STEIN.