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T. M. TAYLOR ET AL

2,340,156

BALL BAT

Original Filed Feb. 12, 1940



Fig. 1

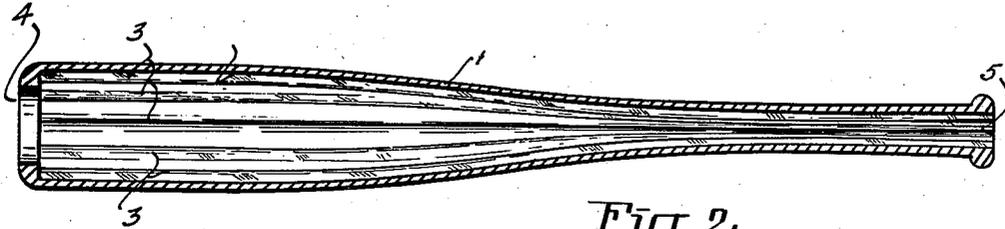


Fig. 2

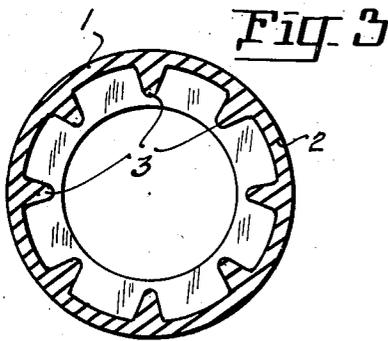


Fig. 3

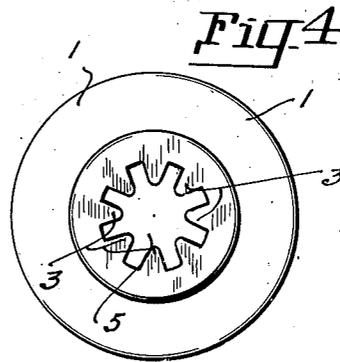


Fig. 4

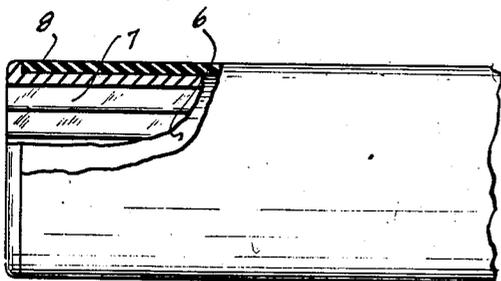


Fig. 5

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UNITED STATES PATENT OFFICE

2,340,156

BALL BAT

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Substituted for abandoned application Serial No.
318,509, February 12, 1940. This application
December 19, 1941, Serial No. 423,586

2 Claims. (Cl. 273-72)

This invention relates to improvements in baseball bats of the type shown and described in our application, Serial No. 318,509, filed February 12, 1940, and entitled "Ball bats," for which this present application is a substitute.

The principal object of the invention is the provision of a strong, light-weight metal bat having thin side walls reinforced by suitable ribs extending longitudinally throughout the bat.

A further object of the invention is the provision of a bat having a hollow body, open at both of its ends to permit free circulation of air there-through.

The bat may be made of Duralumin, aluminum or other material of a similar nature.

In the drawing:

Figure 1 is a reduced side elevation of a bat made in accordance with our invention.

Figure 2 is an enlarged horizontal sectional view taken on the line 2-2 of Figure 1.

Figure 3 is a sectional end elevation taken on the line 3-3 of Figure 1.

Figure 4 is an end view taken along the line 4-4 of Figure 1.

Figure 5 is a fragmentary view of a slightly modified form of bat with fragments broken away for convenience of illustration.

Referring now more particularly to the drawing:

In Figures 1 to 4, reference numeral 1 indicates the body of the bat which is of hollow construction throughout its length, and open at both of its ends as shown.

Formed integral with the wall 2 of the bat is a plurality of equally spaced strengthening ribs extending inwardly from the wall and full length of the bat. The ribs are of uniform depth and width throughout their length, as shown in Figures 3 and 4.

The open ends 4 and 5 of the bat body 2 may be plugged by any suitable closure if it is desired to add weight to the bat, by filling the interior thereof with any suitable material such as sand or the like.

In the modified form of the invention illustrated in Figure 5, the body 6 is of hollow construction, having longitudinal ribs 7 formed integral therewith, as aforesaid, and the exterior of the body is provided with a soft or resilient cover 8 made of rubber or the like.

While we have shown a particular form of embodiment of our invention, we are aware many minor changes therein will readily suggest themselves to others skilled in the art, without departing from the spirit and scope of the invention. Having thus described our invention, what we claim as new and desire to protect by Letters Patent is:

1. A ball bat comprising a one-piece hollow tubular body of cast material open at both of its ends and tapering toward one of its ends, a plurality of diametrically opposed and equally spaced ribs cast integral with the wall of the tubular body and projecting inwardly therefrom, said ribs extending full length of the hollow body and being of uniform width and depth throughout their length.

2. A ball bat comprising a one-piece hollow tubular body of cast material open at both of its ends and tapering toward one of its ends, a plurality of ribs cast integral with the wall of the tubular body at 45 degrees apart and projecting inwardly from the wall, said ribs extending full length of the hollow body and being of uniform width and depth throughout their length.

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