(No Model.)

C. N. MORRIS.

BASE BALL BAT.

No. 400,354. Patented Mar. 26, 1889.

FIG. I

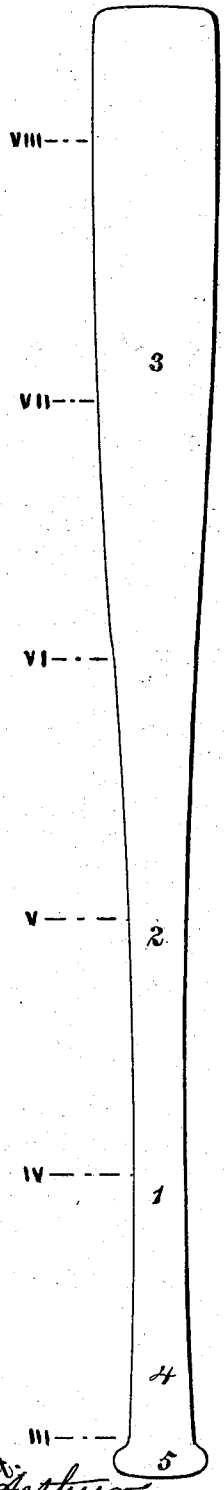


FIG. VIII.

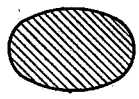


FIG. VII.

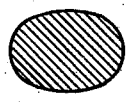


FIG. VI.



FIG. V.



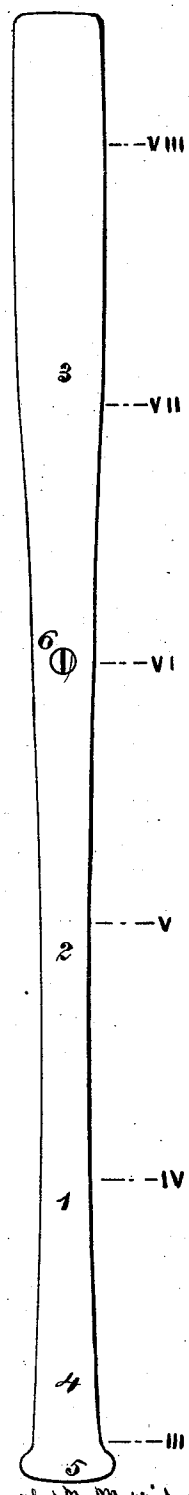
FIG. IV



FIG. III.



FIG. II.



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UNITED STATES PATENT OFFICE.

CHARLES N. MORRIS, OF CINCINNATI, OHIO.

BASE-BALL BAT.

SPECIFICATION forming part of Letters Patent No. 400,354, dated March 26, 1889.

Application filed October 31, 1888. Serial No. 289,636. (No model.)

To all whom it may concern:

Be it known that I, CHARLES N. MORRIS, of Cincinnati, Hamilton county, Ohio, have invented a new and useful Base-Ball Bat, of which the following is a specification.

For the purpose of securing a more accurate, certain, and effective bat action, those portions of the bat which come in contact with the ball, and, preferably, also those which are grasped by the batter's outer hand, are formed of an oval or approximately oval cross-section, the "handle part," which is grasped by his inner hand, being of the customary circular section. An ancillary feature may consist of a mark or "sight," to assist the batter visually, as the oval form of the "outer grasp" does tactually, to present the bat properly to the action of the ball—for example, broadside to a direct ball and more or less obliquely to a "twirling" one.

In the accompanying drawings, Figure I is a front, and Fig. II an edgewise, profile of my bat. Figs. III to VIII, inclusive, are transverse sections taken at the correspondingly-marked places on Figs. I and II.

From these figures it will be seen that from the customary circular "inner grasp," 1, the bat gradually merges into an oval or approximately oval form at the outer grasp, 2, and thence increases to about double the width, with very little increase of thickness at the "striking portion" 3. The handle portion is preferably somewhat expanded, still preserving its circular section, as at 4, to the hilt or guard 5.

A mark or sight, 6, may be applied to guide the eye of the user to the exact position of the edge.

Over a bat of the customary round transverse section the bat here described possesses the advantage of more effective and accurate hitting and of discretionary presentation of the "flat" of the bat, either squarely or obliquely, according to the kind of "ball" and the idiosyncrasies of the pitcher, and it also possesses the advantage of greater elasticity. Such a bat is also less liable to turn in the batter's hands, and presents a larger "striking-face."

I claim—

1. A base-ball bat which from the inner circular "grasp" gradually merges into an oval or approximately oval transverse section at the striking portion, substantially as and for the purposes set forth.

2. A base-ball bat which from a circular handle or inner grasp, 1, becomes gradually of oval cross-section to outer grasp, 2, and the striking portion 3, said handle being formed of gradually-greater circular cross-section 4 to the guard or hilt 5.

3. A base-ball bat which from the inner circular grasp gradually merges into an oval or approximately oval transverse section at the striking portion, and has a mark or sight, 6, on its "edge portion," as designated.

In testimony of which invention I hereunto set my hand.

CHARLES N. MORRIS.

Attest:

GEO. H. KNIGHT,

HENRY G. LEWIS.