

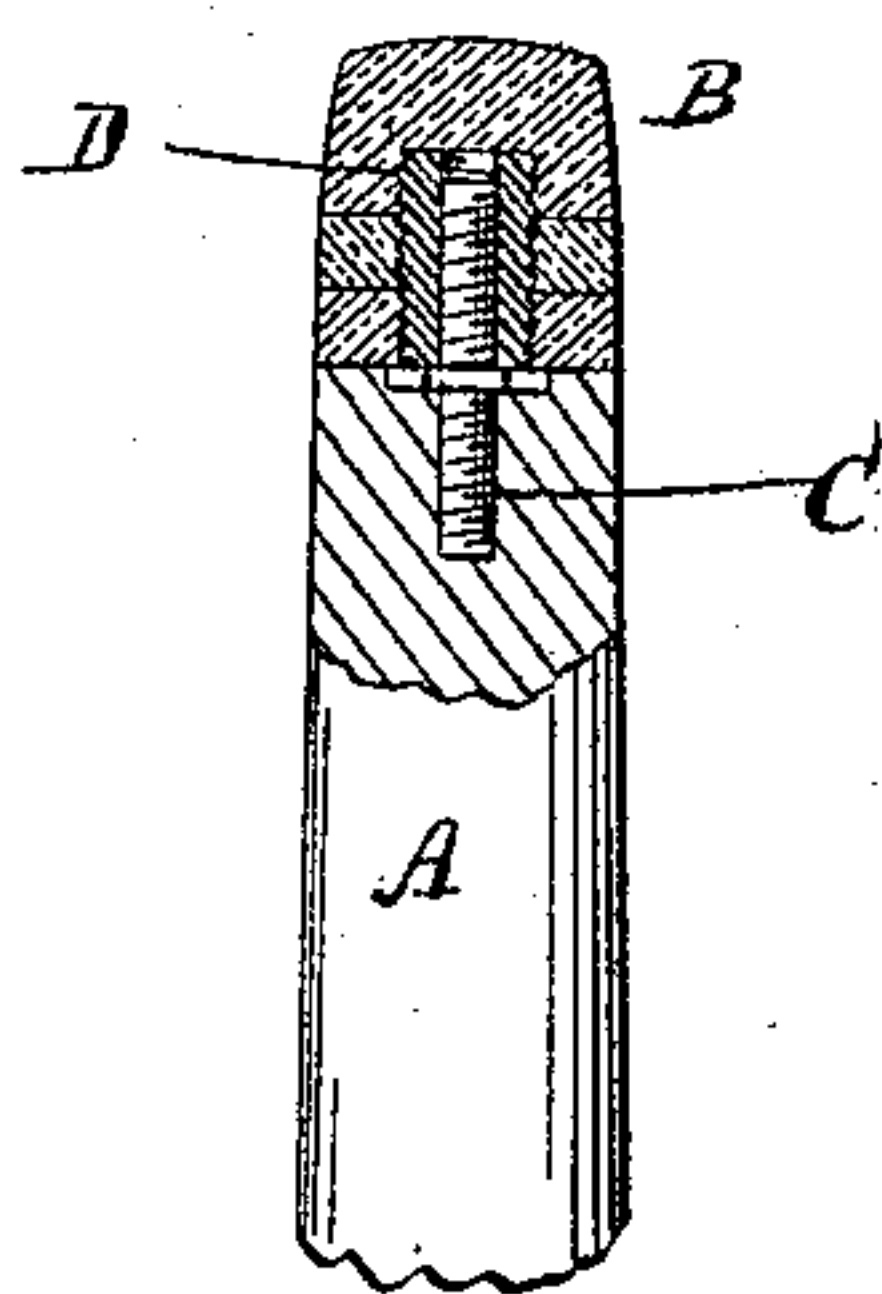
(No Model.)

J. A. TRACY.

BILLIARD CUE.

No. 338,888.

Patented Mar. 30, 1886.



WITNESSES:

W. H. Sawyer
C. Sedgwick

INVENTOR:

J. A. Tracy
BY *Munn & Co*
ATTORNEYS.

UNITED STATES PATENT OFFICE.

JOHN ALOYSIUS TRACY, OF WESTON, WEST VIRGINIA.

BILLIARD-CUE.

SPECIFICATION forming part of Letters Patent No. 338,888, dated March 30, 1886.

Application filed September 8, 1885. Serial No. 176,510. (No model.)

To all whom it may concern:

Be it known that I, JOHN ALOYSIUS TRACY, of Weston, in the county of Lewis and State of West Virginia, have invented certain new and useful Improvements in Billiard-Cue Tips, of which the following is a full, clear, and exact description.

Reference is to be had to the accompanying drawing, forming part of this specification, in which the figure represents a central longitudinal section of my invention attached to a cue.

A in the accompanying drawing represents an ordinary cue used in playing billiards, to the end of which is secured my improved attachable and detachable tip B. This tip is composed of several layers of any suitable flexible or fibrous material glued or otherwise united to form a tip; or the layers may be used without being united or glued together. A bushing, D, is secured to the tip, which serves as a means of uniting the several layers of fibrous material composing the tip, and which may be used in combination with glue or cement, or without, as preferred. In this construction the screw C remains in the end of the cue when the tip is removed therefrom, the bushing being removed with and remaining in the tip. By this arrangement and construction an injured or worn tip may be readily replaced by a new one, and the tips may be changed from one cue to another, to suit the different players, and players may have their own tips, to be detached from the cues and kept for private use, when desired.

It may be stated that by making the ends of the cues and tips and the screw-connections uniform in dimensions they become interchangeable, which is important and convenient to the manufacturer and useful to billiard-players. It may be further stated that when the several layers composing the tips are mounted upon the bushing D the screw C may be screwed into the mandrel of a lathe and the tip turned off and reduced to any fixed size and shape required, thus producing perfect

and uniform tips adapted to be used on cues prepared with corresponding ends to receive them.

In my invention, by the use of the bushing D, several independent layers of leather or other suitable material may be secured thereon, in order to produce a tip of the required thickness; and by this peculiar form of construction the tip is detachable from the end of a cue, and may be carried about the person without the layers becoming detached therefrom and without the objection of a projecting screw, thus adapting it to be used as a tip for private use.

It is not intended to claim, broadly, a tip secured to the end of a billiard-cue by a screw, part of the screw being in the end of the cue and part in the tip, as such construction may be found in the inventions patented by W. H. Thomas and C. B. Core, dated April 1, 1884, No. 296,087, and O. C. Wilbur, Jr., dated January 10, 1871, No. 110,883; but,

Having thus described my invention, what I claim as new, and desire to secure by Letters Patent, is—

1. In a billiard-cue provided with a fixed screw, C, having a central head thereon recessed in the end of the cue flush with its surface, the attachable and detachable tip B, consisting of a number of layers of any suitable material secured to an independent bushing, substantially as and for the purpose set forth.

2. As a new and improved article of manufacture, a billiard-cue tip constructed substantially as herein described and shown, consisting of a tip of leather or other suitable material, provided with a metallic bushing having an interior and an exterior screw-thread, to receive a tip detachably thereon, and adapted to be attached to and detached from a cue, as set forth.

JOHN ALOYSIUS TRACY.

Witnesses:

MEIGS BLAND,
JAMES B. FINSTER.