

No. 610,131.

Patented Aug. 30, 1898.

J. W. FARRAND.

BILLIARD CUE.

(Application filed July 31, 1897.)

(No Model.)

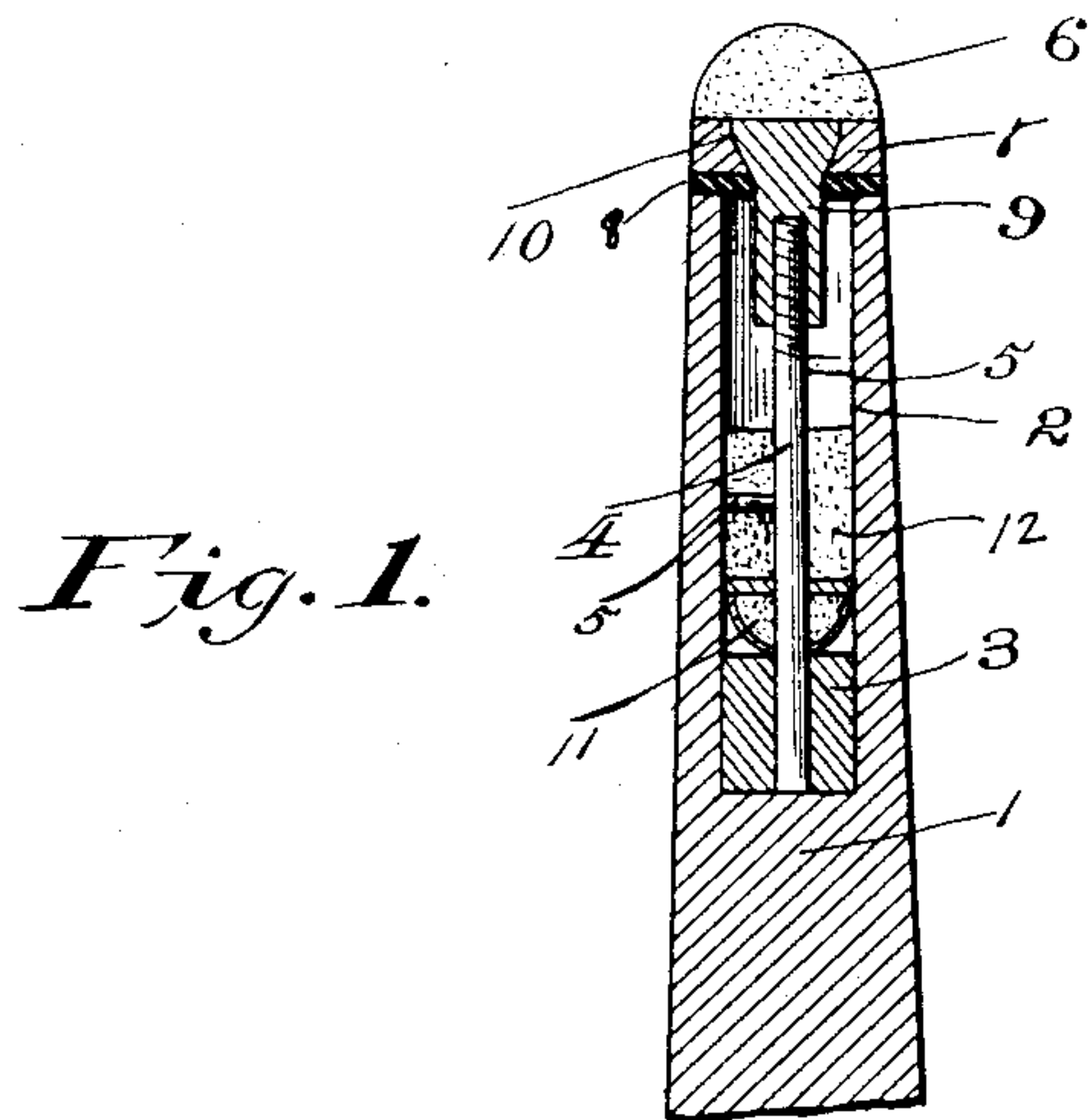


Fig. 2.

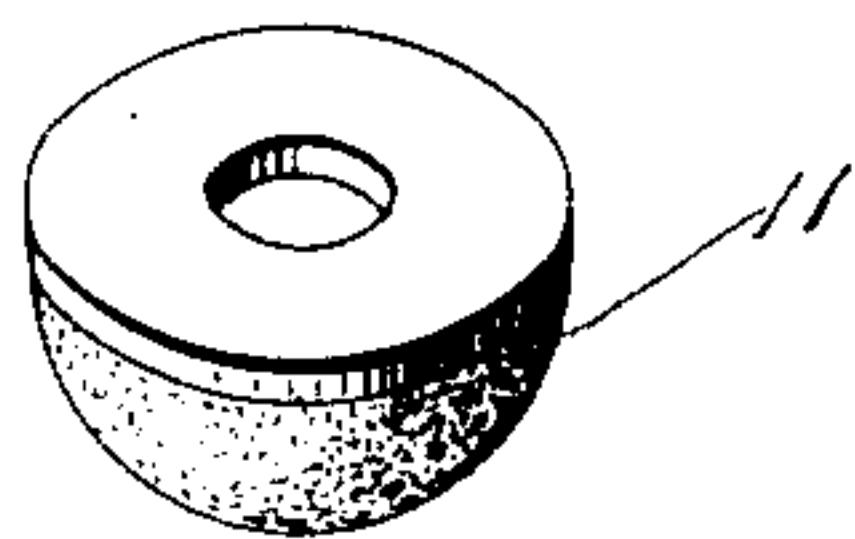
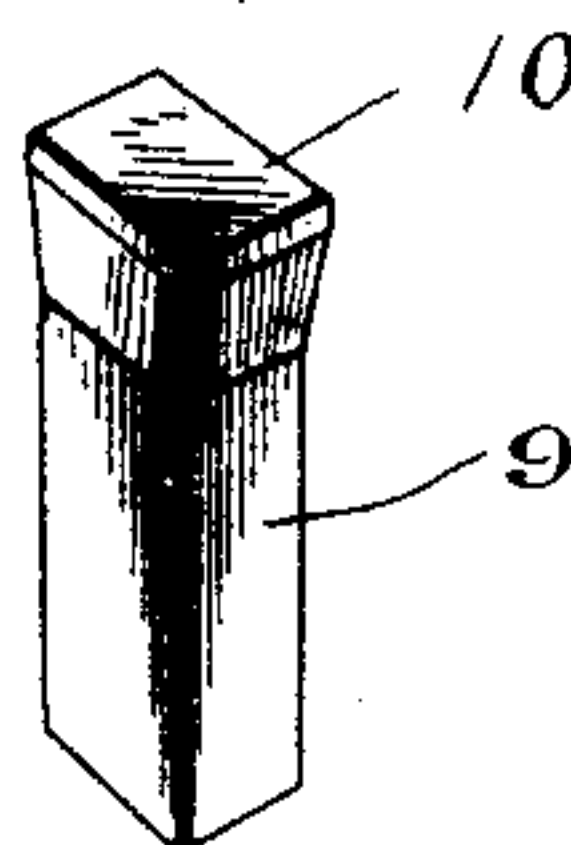


Fig. 3.



Witnesses

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UNITED STATES PATENT OFFICE.

JAMES W. FARRAND, OF EL PASO, TEXAS.

BILLIARD-CUE.

SPECIFICATION forming part of Letters Patent No. 610,131, dated August 30, 1898.

Application filed July 31, 1897. Serial No. 646,657. (No model.)

To all whom it may concern:

Be it known that I, JAMES W. FARRAND, of El Paso, in the county of El Paso and State of Texas, have invented certain new and useful Improvements in Billiard-Cues; and I do hereby declare the following to be a full, clear, and exact description of the invention, such as will enable others skilled in the art to which it appertains to make and use the same.

My invention relates to billiard-cues.

My object is to provide a billiard-cue of such improved construction that the tip can be quickly and easily removed when desirable and replaced by another and which will be adapted to hold a quantity of powdered chalk in such position as to be ready for use when needed.

The invention consists of a billiard-cue comprising certain improved features and novel combinations of parts appearing more fully hereinafter.

In the accompanying drawings, Figure 1 is a longitudinal section of my improved cue; Fig. 2, a detail view of a certain sack, and Fig. 3 a similar view of the cap employed for connecting the tip to the cue.

The cue is shown at 1, and the same is provided with a cylindrical chamber 2, leading inwardly from its end. A plug 3 is fitted snugly in the bottom of the chamber and is glued to the cue. A rod or wire 4, provided with screw-threads at its upper end, has its lower end passed through the plug and connected thereto. This wire has laterally-projecting pins 5 at different points of its length, which are of proper length to bear against the walls of the chamber and maintain the wire centrally thereof. The tip is composed of the usual "leather" 6, a wooden disk 7, and a rubber or cork washer 8. A cap 9 is employed, which has a square head 10 counter-sunk in the wooden disk. The leather is glued or fastened to the disk and the rubber or cork washer glued to the disk. Said cap 9 is of smaller diameter than the chamber 2, so as to provide a passage between it and said chamber, and is provided with internal screw-threads adapted to engage with the threaded end of the wire. Chalk in powdered form is held in the chamber, and in order to prevent the same from becoming clogged I provide an annular sack 11, of fabric, which encircles the wire and lies on top of the plug, being filled with a suitable absorbent 12, such as chlorid of lime. This absorbent takes up the

moisture, so that the chalk is at all times dry. It is clear that by unscrewing the cap 9 slightly from the wire a small quantity of powdered chalk can be deposited in the hand of the player and applied to the leather of the tip, and said tip can be again screwed up so that the chalk cannot escape.

My improvements can be applied to any old cue by simply chambering out the same and connecting the cap to the tip.

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

1. The combination with a cue chambered inwardly from its end to provide a chalk-magazine, of a screw-threaded wire located within the chamber centrally thereof and connected to the cue, which wire has laterally-extending pins, located at intervals along its length, which bear against the walls of the chamber and hold said wire centrally thereof, a tip, and a threaded cap connected to the tip and adapted to screw on the wire.

2. The combination with a cue having a chamber in one end thereof, of a screw-threaded wire located within said chamber and connected to the cue, and a tip comprising a leather portion, a rubber washer, an interposed wooden washer, and a cap counter-sunk within said wooden washer having a central threaded aperture, the said cap adapted to fit within said chamber, engage the threads on said wire, and provide a space between it and the inner surface of said chamber, as and for the purpose set forth.

3. The combination with a cue chambered inwardly from one end thereof to provide a chalk-magazine, of a sack containing an absorbent located in the chamber, and a tip detachably connected to the cue and normally closing the mouth of the chamber.

4. The combination with a cue chambered inwardly from one end, of a wire located in said chamber and connected to the cue, an annular sack containing absorbent material which encircles the wire, and a tip detachably connected to the wire and normally closing the mouth of the chamber.

In testimony whereof I have signed this specification in the presence of two subscribing witnesses.

JAMES W. FARRAND.

Witnesses:

C. M. MURRY,
JOHN HINTZE.