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DEVICE FOR CHALKING CUE TIPS

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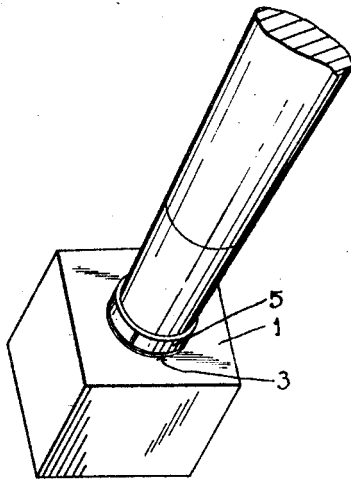


Fig. 1.

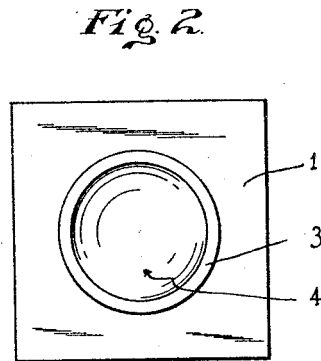


Fig. 2.

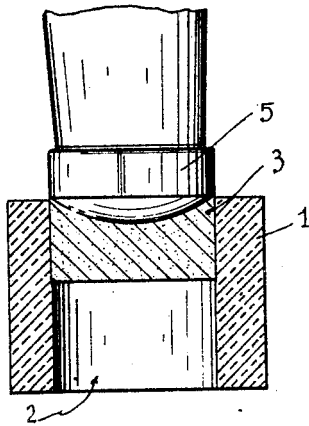


Fig. 4.

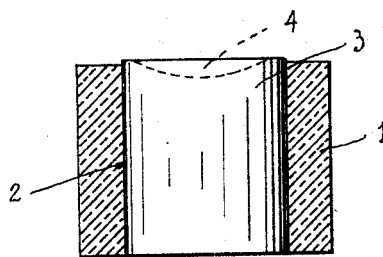


Fig. 3.

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## DEVICE FOR CHALKING CUE TIPS.

Application filed July 9, 1927. Serial No. 204,593.

My invention relates to billiard-chalk holders and has a special relation to holders of the type described in my copending application filed July 9, 1927, Serial No. 204,594.

5 In the device of said application a holder is provided for a cylindrical piece of chalk of approximately the diameter of a cue tip. The chalk may be readily renewed and until it is worn out it presents a surface which  
10 at all times facilitates chalking cue tips of all shapes and sizes.

An object of the present invention is to provide an improved holder in which the piece of chalk is relatively elongated and  
15 may be pushed forward by the finger so that the exposed face of the chalk may be maintained flush with the surface of the holder. The wearing of a deep hole in the chalk is prevented as the piece of chalk is only of the  
20 diameter of a cue tip and it is unnecessary at any time to insert the cue tip into the holder. Substantially the entire piece of chalk is consumed and wastage is reduced to a  
25 minimum.

When one piece is consumed another may be conveniently inserted in the holder which is provided with a cylindrical bore extending from one surface to another for receiving the  
30 chalk.

Other objects and advantages of the invention will appear as the description proceeds.

Referring to the accompanying drawings,

35 Figure 1 is a perspective view of a chalk-holder embodying the invention, showing a cue-tip applied to the chalk therein.

Figures 2 and 3 are a plan view and a central sectional view, respectively, of the holder, and

40 Figure 4 is a central sectional view of the holder showing the cue tip in elevation as applied to the chalk after the latter has been partially consumed.

The holder may be made of any desired material, preferably a yieldable composition  
45 such as India rubber. A resilient holder, such as one made of relatively soft or yieldable material, is preferable, since such a holder will resist longitudinal movement of the chalk in the receiving bore by resiliently holding  
50 the piece of chalk. Moreover, should the tip of a cue be inserted into the bore, for instance, when the chalking surface is not exactly at the end of the holder, the latter, because of its expansive or yielding action,  
55 will not tend to tear the tip from the cue

when it is withdrawn from the bore or moved therein during the chalking operation.

It may be rectangular or of other desired shape and has a substantially cylindrical bore or chamber 2 therein which terminates at  
60 opposite faces of the holder.

A somewhat elongated cylindrical piece of chalk 3 fits snugly in the chamber and is gripped tightly by the holder which prevents  
65 its accidental displacement.

Figures 1, 2, and 3 illustrate the condition of the holder when charged with a fresh piece of chalk which may be dished slightly as at 4.

As the chalk is worn down it is fed forward to maintain its face substantially flush  
70 with the surface of the holder. This is done by merely inserting the finger into the other end of the chamber and pushing the chalk through.

As the piece of chalk is of approximately  
75 the diameter of a cue tip 5, a deep hole cannot be worn in it but on the contrary the wear is even and the exposed face of the chalk is of such shape that cue tips of different  
80 shapes and sizes may readily be chalked and an even layer of chalk is applied to the active surface of the tip. Since the chalk, which is of approximately the diameter of the cue tip, fits snugly in the bore of the holder, it will  
85 be understood that this bore is also of substantially the diameter of the tip, as clearly illustrated in Figure 4.

As will be observed, the relatively soft or yieldable material of the holder cooperates  
90 with a piece of chalk of substantially the same diameter as the cue tip. The resiliency of the holder assists in holding the piece of chalk, which is snugly fitted in the bore or chamber, and permits adjustment of the chalk longitudinally of the bore when pressure is exerted  
95 on the bottom exposed end of the chalk. Moreover, should the chalking surface be disposed within the bore, the insertion of the cue tip into the bore, and its movement during the chalking operation, will not tend to  
100 wear or tear off the tip, since the wall will yield under any lateral pressure of the cue tip against the same, either during the chalking operation or the removal of the cue tip.

The invention is not limited to the specific  
105 details of the construction illustrated and described as it may be embodied in various constructions. A substantial range of equivalents is contemplated within the scope of the appended claims.

I claim:

1. A cue chalking device comprising a holder of relatively soft resilient material having a cylindrical bore of substantially the diameter of a cue tip, said bore being open at each end, a piece of chalk of substantially the diameter of a cue tip snugly fitted in said bore, longitudinal movement of said chalk in the bore being resisted by the close fit in the resilient material of said holder, one end of said chalk terminating substantially at one end of said bore, the other end of the body of chalk being exposed through the other end of said bore, whereby the chalk may be fed through said holder by pressure against one end.

2. A cue chalking device comprising a holder of relatively soft resilient material having a cylindrical bore of substantially the diameter of a cue tip, said bore being open at each end and of substantially uniform diameter from end to end, a piece of chalk of substantially the diameter of a cue tip snugly fitted in said bore, longitudinal movement of said chalk in the bore being resisted by the close fit in the resilient material of said holder, one end of said chalk terminating substantially at one end of said bore, the other end of the body of chalk being exposed through the other end of said bore, whereby the chalk may be fed through said holder by pressure against one end.

3. A cue chalking device comprising a

resilient holder having a cylindrical bore of substantially the diameter of a cue tip, said bore being open at each end and of substantially uniform diameter from end to end, a piece of chalk of substantially the diameter of a cue tip snugly fitted in said bore, longitudinal movement of said chalk in the bore being resisted by the close fit in the resilient holder, one end of said chalk terminating substantially at one end of said bore, the other end of the body of chalk being exposed through the other end of said bore, whereby the chalk may be fed through said holder by pressure against one end.

4. A cue chalking device comprising a holder of relatively yieldable rubber having a cylindrical bore of substantially the diameter of a cue tip, said bore being open at each end, a piece of chalk of substantially the diameter of a cue tip snugly fitted in said bore, longitudinal movement of said chalk in the bore being resisted by the close fit in the yieldable material of said holder, one end of said chalk terminating substantially at one end of said bore, the other end of the body of chalk being exposed through the other end of said bore, whereby the chalk may be fed through said holder by pressure against one end.

In witness whereof I have hereunto set my name.

J. O. MILLER.