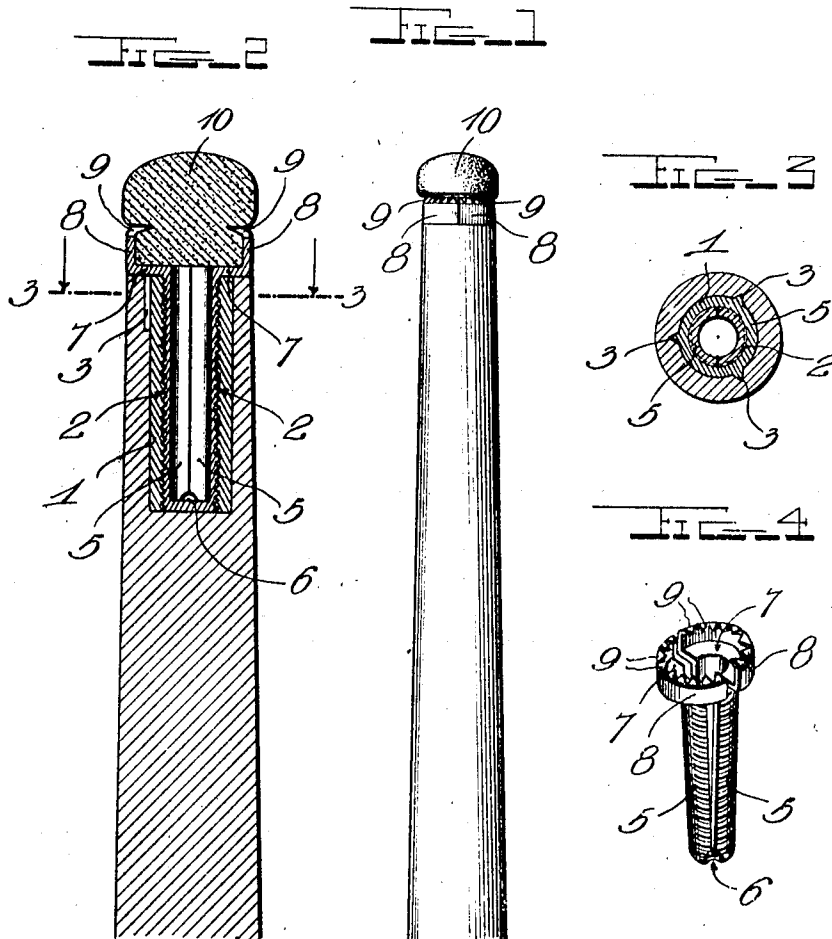


W. H. LA FEVRE.
 CUE TIP HOLDER.
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1,040,362.

Patented Oct. 8, 1912.



Witnesses

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UNITED STATES PATENT OFFICE.

WALTER H. LA FEVRE, OF BALTIMORE, MARYLAND.

CUE-TIP HOLDER.

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Specification of Letters Patent.

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To all whom it may concern:

Be it known that I, WALTER H. LA FEVRE, a citizen of the United States, residing at Baltimore city, in the State of Maryland, have invented certain new and useful Improvements in Cue-Tip Holders, of which the following is a specification.

This invention has relation to cue tip holders, and consists in the novel and advantageous construction hereinafter described and definitely claimed.

Figure 1 is a side elevation of the tip end portion of a cue with the tip holder and tip applied thereto; Fig. 2 is an enlarged sectional view of the same; Fig. 3 is a transverse sectional view of the same cut on the line 3-3 of Fig. 2; Fig. 4 is a perspective view of a portion of the tip-engaging member of the holder construction.

Corresponding and like parts are referred to in the following description and indicated in all the views of the accompanying drawing by the same reference characters.

The tip holder construction consists of a tubular member 1 having a longitudinally disposed threaded bore 2 and also having exterior fins 3. This member is inserted in a socket formed in the smaller end of a cue so that the fins 3 project into the material of which the cue is formed and serve as means for holding the member 1 against rotation in the cue. The tip holding member is formed from a blank of sheet material. The shank portions 5 of said blank are first concaved, then folded toward each other at the point 6, whereby the opposite side portions of the shank thus formed are adapted to spring outwardly with relation to each other. The shank thus formed is provided upon its outer side with a thread which is adapted to engage the thread in the bore 2 of the member 1. At the free ends of the shank portions of the blank the material 7 is bent in opposite directions forming shoulders which are adapted to rest flat against the outer end of the member 1 and the small end of the cue. At the outer portions of the shoulders 7 the material is bent upwardly forming flanges 8 which are semi-circular and which are provided at their upper edges with teeth 9 which are slightly inwardly disposed. The tip 10 is adapted to be inserted between the toothed flanges 8 with its inner face bearing directly against the outer faces

of the shoulders 7. The shank portions 5 are then screwed into the bore 2 of the member 1 and thus the outer end portions of the said shanks are drawn toward each other, whereby their teeth 9 are caused to bite into the sides of the tip 10 and securely hold the same in position.

It is obvious that by reversing the operation above described the tip holding member may be removed from the member 1; also the tip may be removed from the said holding member and another tip put in its place.

It will be manifest from the foregoing that so long as the tip-holding member is arranged as shown in Fig. 2 in the tubular member 1, the tip 10 will be strongly held in said holding member without liability of the tip being casually displaced; and it will also be manifest that because of the shoulders 7 of the tip-holding member being backed by the tube 1 and the cue, the ordinary use of the cue and its tip is not attended by the imposition of strain on the tip holding member, and hence said member is likely to last quite as long as the remainder of the cue.

Having thus described the invention what is claimed as new is:

The combination of a cue having a socket in its smaller end, an interiorly threaded tubular member arranged in said socket and having its outer end arranged flush with the small end of the cue, a tip holding member bent upon itself and having exteriorly threaded shank portions disposed in and engaged with the threaded tubular member and also having semicircular shoulders resting flat against the outer end of the tubular member and the small end of the cue and backed by the same and also having semicircular flanges on said shoulders and flush with the side of the cue, and inwardly directed teeth on said flanges, and a tip resting against the shoulders and within the flanges of the tip holding member and receiving the teeth on the said flanges.

In testimony whereof I affix my signature in presence of two witnesses.

WALTER H. LA FEVRE.

Witnesses:

JOHN R. HOOPER,
GEO. A. CHASE.