A. D. DU BOSE.

BILLIARD CUE.

APPLICATION FILED MAY 10, 1916.

1,248,634. Patented Dec. 4, 1917.

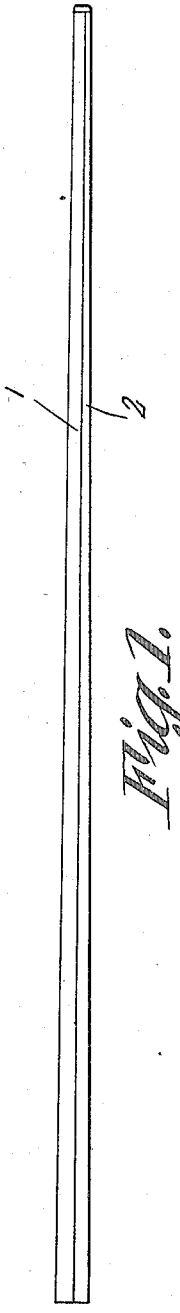


Fig. 1.

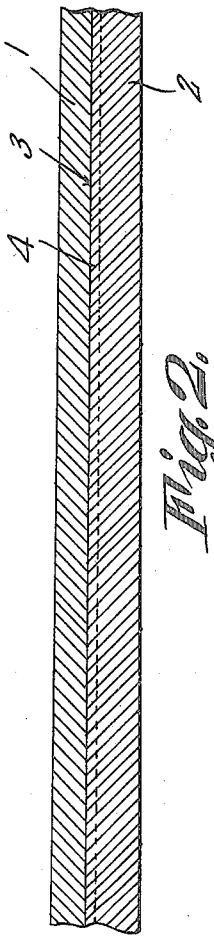


Fig. 2.

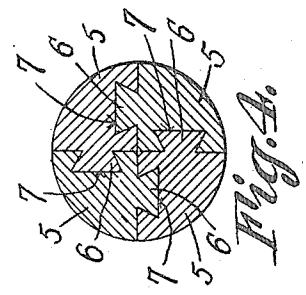


Fig. 4.

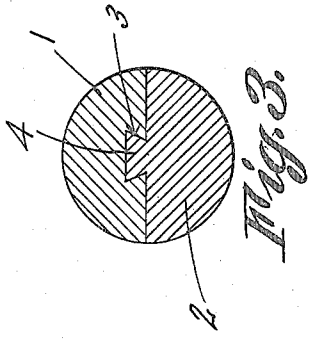


Fig. 3.

Witnesses

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UNITED STATES PATENT OFFICE.

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BILLIARD-CUE.

1,248,634. Specification of Letters Patent. Patented Dec. 4, 1917.

Application filed May 10, 1916. Serial No. 96,656.

To all whom it may concern:

Be it known that I, ANDREW D. DU BOSE, a citizen of the United States, residing at Memphis, in the county of Shelby and State of Tennessee, have invented a new and useful Billiard-Cue, of which the following is a specification.

This invention relates to billiard cues, one object being to provide a cue shaft which is made up of interfitting parts so disposed as to prevent warping and separation of the parts.

It has been found that a large percentage of the cues now made of elongated strips of wood become useless after a certain period of use, for the reason that the glue employed for holding the strips together gives away ultimately.

A further object is to provide a cue shaft which can be built up of odds and ends of hardwood lumber, all of the pieces being locked together securely so that slivering and warping is obviated entirely.

With the foregoing and other objects in view which will appear as the description proceeds, the invention resides in the combination and arrangement of parts and in the details of construction hereinafter described and claimed, it being understood that changes in the precise embodiment of the invention herein disclosed, can be made within the scope of what is claimed, without departing from the spirit of the invention.

In the accompanying drawings the preferred forms of the invention have been shown.

In said drawings:—

Figure 1 is an elevation of a cue embodying the present improvements.

Fig. 2 is a central longitudinal section through a portion thereof and on an enlarged scale.

Fig. 3 is an enlarged transverse section through the cue.

Fig. 4 is a view similar to Fig. 3 and showing a modified structure.

Referring to the figures by characters of reference 1 and 2 designate opposed elongated strips of hard wood having flat meeting faces one of which is provided with a longitudinal dovetail groove 3 while the other has a longitudinal dovetail shaft 4 which fits snugly within the groove. It is designed to use an adhesive between the faces of the two strips but by employing the interfitting portions described, there will be no danger of the two strips pulling apart at any point. Furthermore this arrangement will prevent warping, as will be obvious.

Instead of forming the cue shaft of two opposed longitudinal strips, as shown in Figs. 1, 2 and 3, the same can be made up of more than two strips as shown for example, in Fig. 4. By referring to this figure it will be seen that I utilize segmental longitudinal strips 5 having longitudinal dovetail tongues 6 and grooves 7 along the inner flat faces thereof. The tongues fit snugly in the grooves and hold the flat faces against separation. It is designed to use an adhesive between the several parts so that a tight connection will thus be produced, the interfitting portions acting positively to prevent separation of the parts.

As before pointed out a cue such as constitutes the present invention can be made up of odds and ends of hard wood and after the various parts have been assembled as described the shaft can be shaped and otherwise finished.

What is claimed is:—

1. A billiard cue including longitudinal strips contacting throughout their length, there being longitudinal undercut grooves and tongues extending along the strips and interfitting.

2. A billiard cue including longitudinal segmental strips contacting throughout their length and having longitudinal undercut portions.

3. A billiard cue including strips extending longitudinally of the cue and contacting throughout their length, said strips having interlocking portions insertible into engagement with each other by the longitudinal movement of the strips.

In testimony that I claim the foregoing as my own, I have hereto affixed my signature in the presence of two witnesses.

ANDREW D. DU BOSE.

Witnesses:

A. L. MAYFIELD,

W. H. WALKER.

Copies of this patent may be obtained for five cents each, by addressing the "Commissioner of Patents. Washington, D. C."