

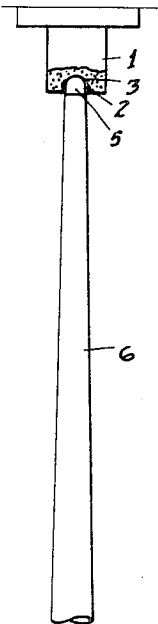
[54] CUE TIP TRIMMER
[76] Inventor: Gerald Allen Freedman, P.O. Box
503, Worcester, Mass. 01601
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51/210, 211 R, 212, 214, 128, 391-393;
273/17; 145/27

[56]	References Cited		
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Primary Examiner—Donald G. Kelly

[57] ABSTRACT
This cue tip trimmer is an abrasive wheel, shaped to easily trim cue stick tips and refinish the same as they are worn.

2 Claims, 3 Drawing Figures



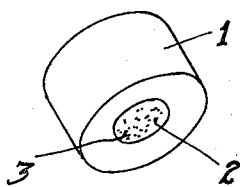


Fig. 1.

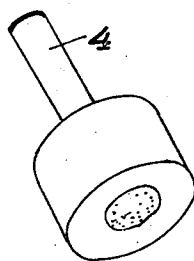


Fig. 2.

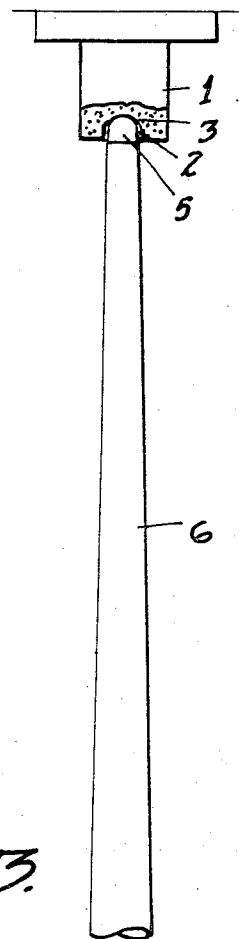


Fig. 3.

INVENTOR:
Gerald Allen Freedman

Attorney

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CUE TIP TRIMMER

SUMMARY OF THE INVENTION

My cue tip trimmer consists of a solid, cylindrically shaped abrasive wheel having a cylindrical recess and a con-cave recess of an end that will grind cue tips to conform to the shape of the recesses.

BRIEF DESCRIPTION OF THE DRAWINGS

FIG. 1 is a perspective view of a manually operated trimming wheel.

FIG. 2 is a perspective view of the wheel of FIG. 1, with a mount.

FIG. 3 is a cross-sectional view of a trimming wheel mounted to a ceiling and receiving a cue stick with its tip for grinding or resurfacing.

DESCRIPTION OF THE INVENTION

FIG. 1 shows a hand operated cue tip trimmer. 1 is the main body of a cylindrically shaped abrasive wheel. 2 is a cylindrically shaped recess whose diameter is that of a cue stick ferrule. 3 is a concave shaped recess formed directly behind the cylindrical recess. The curvature of the concave surface is precisely that curvature necessary for a properly shaped cue tip. The abrading surface of the cylindrical recess 2 serves to grind off cue tip material in excess of the ferrule diameter, while the abrading surface of concave recess 3 grinds material off the tip so that it can be trimmed to correct curvature. The diameter of the cylindrical

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recess is slightly greater than average diameter of cue tips presently in use. Any diameter of tip less than the cylindrical recess diameter can be trimmed and refinished flush with its ferrule. Because of play in the recess diameter, average width tips can be trimmed to various deviations of the provided concave curve, allowing for certain player preferences.

FIG. 2 shows the wheel of FIG. 1 with a mount 4. By securing mount 4 to a rotating device, a power means of turning the wheel is utilized to do the trimming work.

FIG. 3 shows a trimming wheel attached to a ceiling. Cut stick 6 with tip 5 is inserted into the recesses. Cue stick 6, held in hand, is rotated, causing tip 5 to be ground by the abrasive surfaces of recesses 2 and 3.

Using the abrasive wheel, new tips can be properly trimmed to correct playing shape, while worn tips can be swiftly refinished. If necessary, the wheel can be redressed through-out its length for a long lasting trimming tool.

Having set forth disclosure of my invention, I claim:

1. A cue tip trimming device comprising a solid member whose composition is uniformly an abrasive compound, where said member is substantially cylindrical in shape, and where said member has central to a circular surface a cylindrically shaped recess and which recess terminates within said member in a concavely shaped recess.

2. The trimming device of claim 1 where said solid member abrasive is mounted upon a shank.

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