

No. 674,732.

Patented May 21, 1901.

C. J. DORTICUS.
CUE TIPPER AND STRAIGHTENER.

(Application filed Sept. 5, 1900.)

(No Model.)

Fig. 1.

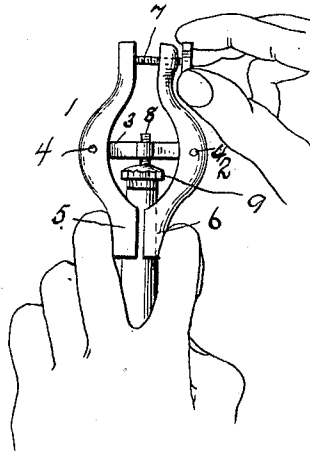


Fig. 2.

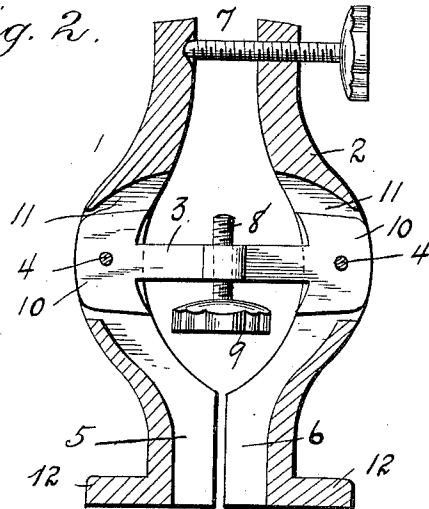
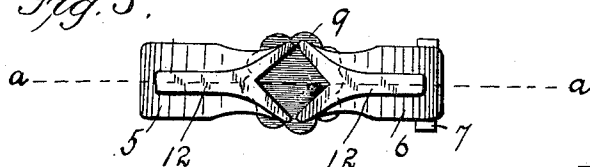


Fig. 3.



Witnesses.
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CLATONIA J. DORTICUS, OF NEWTON, NEW JERSEY, ASSIGNOR TO THE
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CUE TIPPER AND STRAIGHTENER.

SPECIFICATION forming part of Letters Patent No. 674,732, dated May 21, 1901.

Application filed September 5, 1900. Serial No. 29,096. (No model.)

To all whom it may concern:

Be it known that I, CLATONIA J. DORTICUS, a citizen of the United States, residing at Newton, in the county of Sussex and State of New Jersey, have invented certain new and useful Improvements in Cue Tipper and Straighteners; and I do 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, reference being had to the accompanying drawings, and to the figures of reference marked thereon, which form a part of this specification.

15 This invention has relation to a clamp particularly designed to hold the tip on a billiard-cue fixedly while the cementing means is setting or hardening and to hold the cue while being straightened; and the invention
20 consists in certain peculiarities of construction, substantially as hereinafter described, and definitely pointed out in the subjoined claims.

The object of the invention is to provide a
25 cue-clamp of simple and inexpensive construction which may be applied to and removed from a cue without liability of crooking the same and which will be useful also in straightening crooked cues. This object is
30 accomplished by the construction illustrated in the accompanying drawings, in which—

Figure 1 is a side elevation of a cue-clamp, showing the manner in which the same is applied to a cue. Fig. 2 is a vertical section
35 through the clamp, taken on the line *a a* of Fig. 3, showing the full size of the device. Fig. 3 is a bottom plan view thereof.

1 and 2 designate relatively movable arms of the clamp pivotally mounted at or about
40 their longitudinal centers 4, at which places they are curved in relatively reverse directions upon the ends of a cross-bar 3 and having their lower ends extended toward each other and formed to provide jaws 5 and 6,
45 which are relatively shaped to receive and hold the upper end of a cue being "tipped" or straightened. Each of these jaws is preferably V-shaped, as shown in Fig. 3, to provide a rectangular mouth, and, if desired,
50 the connection of the arms with the cross-bar may be loose, so as to afford a slight extent

of lateral movement of said arms, whereby the jaws may overlap and form a mouth of a diameter less than that formed when the edges of the jaws are in engagement with
55 each other. By thus mounting the arms loosely the range of adaptability of the device to various sizes of cue ends is increased, as it is enabled thereby to tightly grasp cue ends of a diameter less than that of the mouth
60 formed when the edges of the jaws contact with each other.

At the end of the clamp remote from the mouth is a jaw-adjusting means preferably comprising a screw 7, threaded through an
65 end of one of the arms and bearing against the contiguous end of the other arm and having at its free end a head by which it is conveniently actuated to open or close said mouth.

The cross-bar 3 carries an adjustable device which bears upon the cue-tip and presses the same firmly onto the end of the cue and holds it until the cementing medium has hardened. This pressure device preferably
75 consists of a screw 8, having a threaded engagement with said bar and provided with a head 9, which is arranged in line with the mouth of the clamp and engages said tip. The cross-bar 3 preferably has laterally-extending ends
80 10, arranged in slots 11 in the respective arms 1 and 2, and said ends and slots have a relative formation which permits the necessary movements of the arms and guides the latter in their adjustments. The jaw ends of the
85 arms are also provided with lateral projections 12, which are grasped by the user in the operation of clamping a cue, and also provide footpieces upon which the clamp may rest
90 and support the cue in a dependent position therefrom, with its weighted end down.

In the operation of tipping a cue by means of the clamp hereinabove described glue is applied to the tip and the latter placed upon the end of the cue, and the clamp is secured upon
95 the cue end in the manner shown in Fig. 1. The pressure-screw is now loosened from the tip and adjusted to the cue as desired and then tightened upon the tip, after which the device is hung upon a nail or rack until the
100 glue is set. To straighten a crooked cue by means of this device, it is only necessary to

apply the clamp thereto and then hang it up for a day in a damp place—a cellar or a room in damp weather will answer—and then rehang it for a suitable length of time in a dry or warm room.

By so constructing the device that it will support the cue with its weighted end down while the glue is setting the crooking of the cue caused by standing it upon its tipped (slender) end is eliminated, and crooked cues may be straightened, as set forth, and by so constructing the clamp that it is not forced onto and off the cue an additional cause of crooked cues is eliminated.

Having thus described the invention, what I believe to be new, and desire to secure by Letters Patent, is—

1. A cue-clamp, comprising a cross-bar, arms pivoted between their ends to the respective ends of the cross-bar and having their lower ends relatively formed to provide a cue-receiving mouth, an adjusting-screw threaded through the upper end of one of said

arms and engaging the upper end of the other arm; and a pressure-screw having its stem threaded through said cross-bar and provided at its lower end with a head to engage the cue-tip, substantially as shown and described.

2. The herein-described cue-clamp, consisting of two arms having contiguous ends, formed to provide a mouth for the reception of the end of a cue and with laterally-extending footpieces, a cross-bar to the ends of which said arms are pivoted, a screw threaded in said bar and having a depending head arranged over said mouth, and an adjusting-screw threaded through one of said arms and bearing against the other, said adjusting-screw being located at the end of the clamp remote from said mouth.

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

CLATONIA J. DORTICUS.

Witnesses:

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