

(No Model.)

F. G. CHESS.
BILLIARD CUE CHALKER.

No. 527,770.

Patented Oct. 23, 1894.

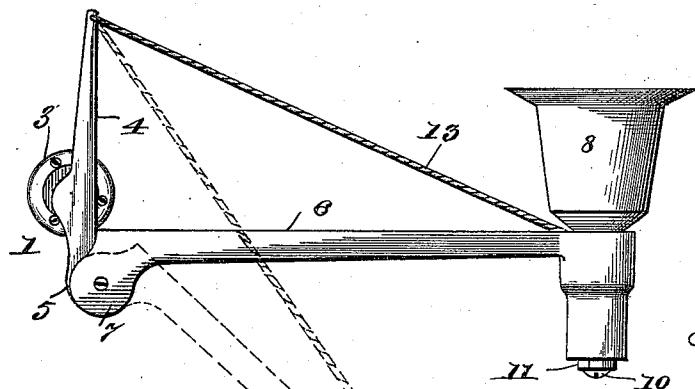


Fig. 1.

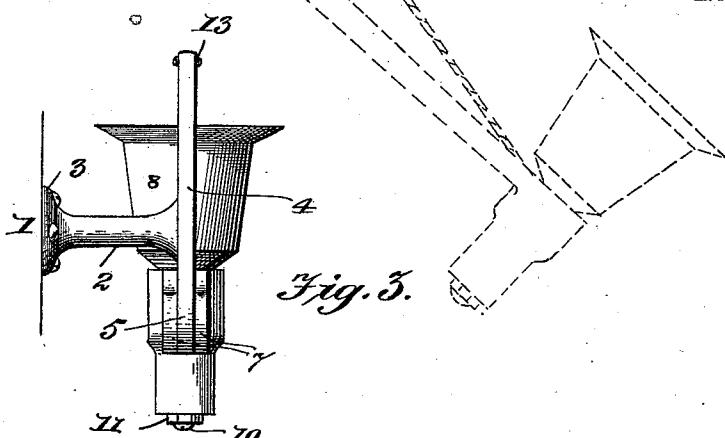


Fig. 3.

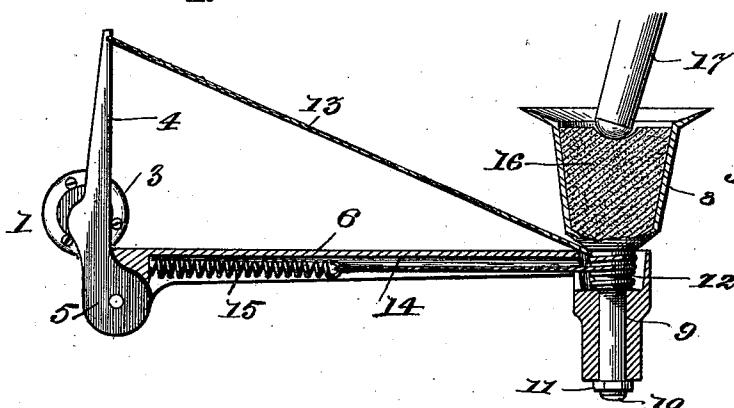


Fig. 2.

Inventor
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Witnesses

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FRANK GREGG CHESS, OF ROCKER, MONTANA.

BILLIARD-CUE CHALKER.

SPECIFICATION forming part of Letters Patent No. 527,770, dated October 23, 1894.

Application filed July 31, 1894. Serial No. 519,115. (No model.)

To all whom it may concern:

Be it known that I, FRANK GREGG CHESS, a citizen of the United States, residing at Rocker, in the county of Silverbow and State 5 of Montana, have invented a new and useful Billiard-Cue Chalker, of which the following is a specification.

The invention relates to improvements in billiard cue chalkers.

10 The object of the present invention is to improve the construction of billiard cue chalkers, and to provide a simple and inexpensive one adapted to be readily attached to a billiard or pool table, or to any other desired 15 support, and capable of effectually applying chalk to a cue without inconvenience to the player and without liability of him getting chalk upon his clothing.

10 The invention consists in the construction 20 and novel combination and arrangement of parts hereinafter fully described, illustrated in the accompanying drawings, and pointed out in the claims hereto appended.

In the drawings—Figure 1 is a side elevation 25 of a cue chalker constructed in accordance with this invention. Fig. 2 is a vertical longitudinal sectional view of the same, the cord or belt and the stem of the cup being shown in elevation. Fig. 3 is an end elevation of the same.

Like numerals of reference indicate corresponding parts in all the figures of the drawings.

1 designates a bracket, having a horizontal 35 arm 2, the inner end 3 of which is enlarged, perforated and designed to be screwed or otherwise secured to the leg of a billiard or pool table, or to any other suitable support; and formed integral with the outer terminus of

40 the horizontal arm is a vertical standard or arm 4. The bracket, which consists of the horizontal arm 2 and the vertical standard or arm 4, is provided at the angle with a depending perforated ear 5, to which is pivoted a vertically swinging arm or bar 6, provided at its inner terminus with a pair of perforated ears 7, and carrying at its outer end a chalk cup 8.

45 The vertically swinging arm 6 is provided at its outer terminus with a vertically disposed socket or bearing 9 in which is journaled a depending stem 10, of the chalk cup 8. The stem 10 is secured in the socket or

bearing by a nut 11, or other suitable means, and is provided at its upper portion directly beneath the chalk cup with a spiral groove 55 12, receiving a cord or belt 13, which has its upper terminus permanently attached to the upper end of the vertical portion 4, of the bracket, and which is coiled around the spirally grooved portion of the stem, and has its 60 lower end extended beneath the swinging bar 6 and yieldingly connected with the same. The lower face of the bar 6 is provided with a groove or channel 14, receiving the lower portion of the cord or belt and a spiral spring 65 15 which has its inner terminus secured to the inner end of the arm and its outer terminus connected with the lower end of the cord. The cup 8 is designed to hold a piece of chalk 16, and when it is desired to apply chalk to 70 the tip of a cue 17, the latter is placed in the cup and the swinging arm is swung downward, as shown in dotted lines in Fig. 1 of the accompanying drawings. This draws upon the cord or belt 13, causing the same to pass 75 around the grooved portion of the stem of the chalk cup, rotating the latter and distending the spring. The rotation of the chalk cup applies the chalk to the tip of the cue. The downward movement rotates the chalk cup, 80 and as the pressure is removed the spring contracts and lifts the swinging arm to a horizontal position, again rotating the chalk cup and applying chalk, as before described. The swinging arm and the cup are arranged in a 85 horizontal position in convenient reach of the players, and it is only necessary to give a slight downward pressure on a cue to chalk the same. The spring readily returns the arm and the cup to a horizontal position, and the 90 construction and the lower portion of the cord are concealed in the channel of the groove at the bottom or lower face of the swinging arm 6.

95 It will be seen that the cue chalker is simple and comparatively inexpensive in construction, and that it is adapted to enable chalk to be readily and conveniently applied to the tip of a cue with a minimum amount of labor on the part of the player, and without liability of him getting chalk upon his 100 clothing.

In order to prevent any liability of the cord or belt from slipping off the spirally grooved portion of the shank, it is preferably passed

through a perforation thereof and then wound around the shank in opposite directions, as will be readily understood.

Changes in the form, proportion, and the minor details of construction may be resorted to without departing from the principle or sacrificing any of the advantages of this invention.

Having described my invention, what I claim is—

1. A cue chalker comprising a bracket, a swinging arm mounted on the bracket, a rotary chalk cup mounted on the swinging arm, and a yielding belt coiled around the chalk cup and connected with the bracket and the arm, substantially as and for the purpose described.

2. A cue chalker comprising a bracket, a swinging arm mounted on the bracket, a rotary chalk cup having a stem journaled on the swinging arm and provided with a spirally grooved portion, and a yielding belt coiled around the spirally grooved portion of the stem and connected with the swinging arm and the bracket, substantially as described.

3. A cue chalker comprising a bracket having a horizontal arm to be secured to a suitable support and provided with an upward extending arm or portion, a vertically swinging arm mounted on the bracket and having a groove or channel in its lower face and provided at its outer end with a vertical bearing or socket, a chalk cup having a stem journaled in the bearing or socket and provided with a spirally grooved portion, a cord or belt coiled around the spirally grooved portion and having one end connected to the vertical arm or portion of the bracket, and a spiral spring arranged beneath the vertically swinging arm and having its inner end attached to the same and its outer end connected to the lower end of the cord or belt, substantially as described.

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

FRANK GREGG CHESS.

Witnesses:

J. H. MALONEY,
H. E. DRIGGS.