

F. P. GRODE.
CUE HOLDER.

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1,240,705.

Patented Sept. 18, 1917.

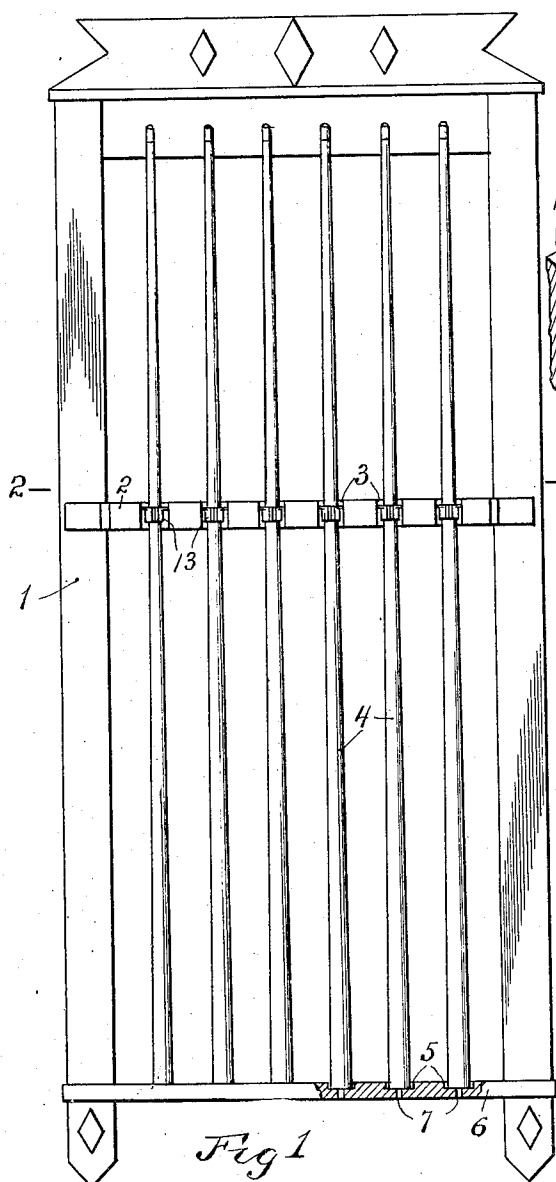


Fig 1

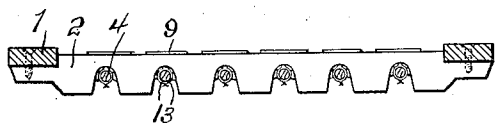


Fig 2

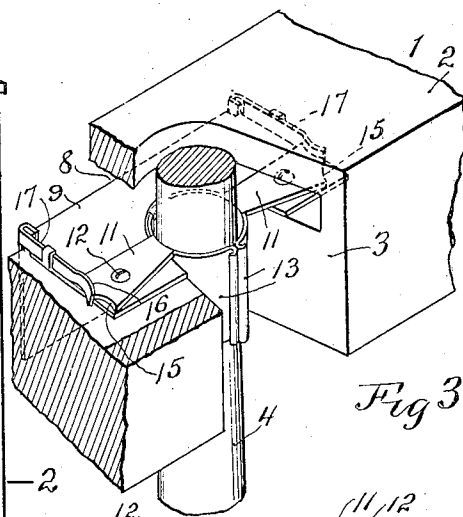


Fig 3

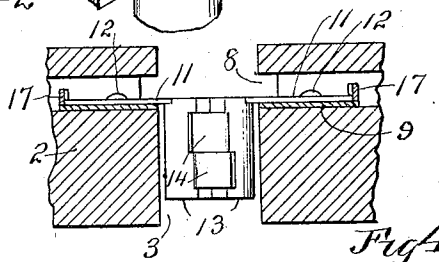


Fig 4

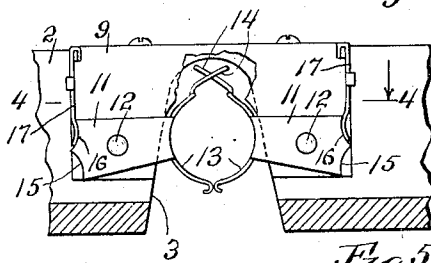


Fig 5

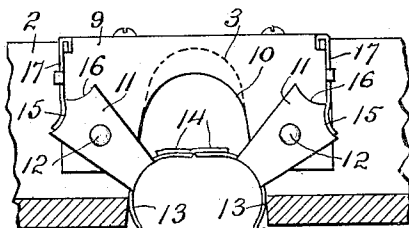


Fig 6

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CUE-HOLDER.

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To all whom it may concern:

Be it known that I, FRANK P. GRODE, a citizen of the United States, residing at Kansas City, in the county of Jackson and State of Missouri, have invented a certain new and useful Improvement in Cue-Holders, of which the following is a specification.

My invention relates to improvements in cue holders.

The object of my invention is to provide a cue holder which is simple in construction, reliable in operation, economical to manufacture, and which is not liable to get out of order.

The novel features of my invention are hereinafter fully described and claimed.

In the accompanying drawing which illustrates the preferred embodiment of my invention,

Figure 1 is a front elevation, partly in section, of a cue rack provided with my improvement.

Fig. 2 is a horizontal section on the line 2-2 of Fig. 1.

Fig. 3 is an enlarged perspective view of a portion of the transverse cue holding bar, having cue receiving recesses in its forward side.

Fig. 4 is a vertical sectional view on the line 4-4 of Fig. 5.

Fig. 5 is a plan view of a pair of the cue holding members mounted on the transverse supporting bar, the latter being shown in horizontal section and the cue holding members being shown in the closed position.

Fig. 6 is a view similar to Fig. 5, the cue holding members being shown in the open position.

Similar reference characters designate similar parts in the different views.

1 designates a cue rack of the usual vertical type, and provided with a transverse supporting bar 2 in the forward side of which are provided a plurality of recesses 3 which are adapted to respectively receive cues 4, the butts of which are adapted to respectively rest in recesses 5 provided in the upper side of a lower transverse bar 6, which is preferably provided with vertical holes 7, communicating with the recesses 5 respectively, and which permit the escape of dirt or chalk from said recesses.

The rear side of the bar 2 is provided with a longitudinal groove 8 which communicates with the recesses 3 and which has mounted in it a plurality of angle plates

9 which are secured to the bar 2 and the horizontal sides of which are respectively provided with recesses 10 which respectively register with the recesses 3 and are adapted to receive the cues 4.

A plurality of pairs of cue holding members 11 are respectively pivoted by vertical pins 12 to the horizontal portions of the angle plates 9.

The members 11 of each pair are disposed at opposite sides of the recess 10, and are each provided with a vertical arcuate arm 13 adapted to embrace a cue 4 for holding it in the recess 3, as shown in Fig. 3.

In order that the members 11 may swing conjointly, each of said members is provided at the rear end of the arcuate arm 13 with a tongue 14 which overlaps the rear side of the opposite member, whereby the members will swing conjointly to and from the closed position.

Each of the members 11 at the end opposite its arm 13 is provided with two bearing surfaces 15 and 16, preferably arcuate, and adapted to alternately receive the free end of a flat spring 17 which is secured in any suitable manner to the adjacent angle plate 9.

When the springs 17 are in the recesses 16, as shown in Fig. 5, said springs will respectively hold the members 11 in the closed position. When the members 11 are swung to the open position shown in Fig. 6, the springs 17 will bear against the surfaces 15, thereby reliably and releasably holding the members 11 in the open position.

When the members 11 are in the open position shown in Fig. 6, and a cue 4 is inserted between the arms 13 and pressed rearwardly, against the said arms, they will be swung to the closed positions shown in Figs. 3 and 5, and also in Fig. 1, and will reliably and releasably retain the cue in the recesses 3 and 10.

As the members 11 are interlocked and swing conjointly, they will be reliably held against accidental displacement when swung to either the open or the closed positions.

I do not limit my invention to the structure shown and described, as modifications, within the scope of the appended claims, may be made without departing from the spirit of my invention.

What I claim is:

1. In a cue holder, two coöperatively connected cue holding members adapted to em-

brace a cue and movable conjointly to and from the closed position, and means for reliably holding said members releasably in the closed position.

5 2. In a cue holder, two coöperatively connected cue holding members adapted to embrace a cue and movable conjointly to and from the closed position, and resilient means for reliably holding said members releasably
10 in the closed position.

3. In a cue holder, two pivoted coöperatively connected cue holding members adapted to embrace a cue and movable conjointly to and from the closed position, and means
15 for reliably holding said members releasably in the closed position.

4. In a cue holder, two pivoted coöperatively connected cue holding members adapted to embrace a cue and movable conjointly to and from the closed position, and
20 resilient means for reliably holding said members releasably in the closed position.

5. In a cue holder, two pivoted coöperatively connected cue holding members adapted
25 to embrace a cue and movable conjointly

to and from the closed position, and means for reliably holding said members releasably in the open or the closed position.

6. In a cue holder, two pivoted coöperatively connected cue holding members adapted
30 to embrace a cue and movable conjointly to and from the closed position, and resilient means for reliably holding said members releasably in the open or the closed position.

7. In a cue holder, two coöperatively connected cue holding members adapted to embrace a cue and movable conjointly to and from the closed position, and means for reliably holding said members releasably in
35 the open or closed position.

8. In a cue holder, two coöperatively connected cue holding members adapted to embrace a cue and movable conjointly to and from the closed position, and resilient means
40 for reliably holding said members releasably in the open or closed position.

In testimony whereof I have signed my name to this specification.

FRANK P. GRODE.

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