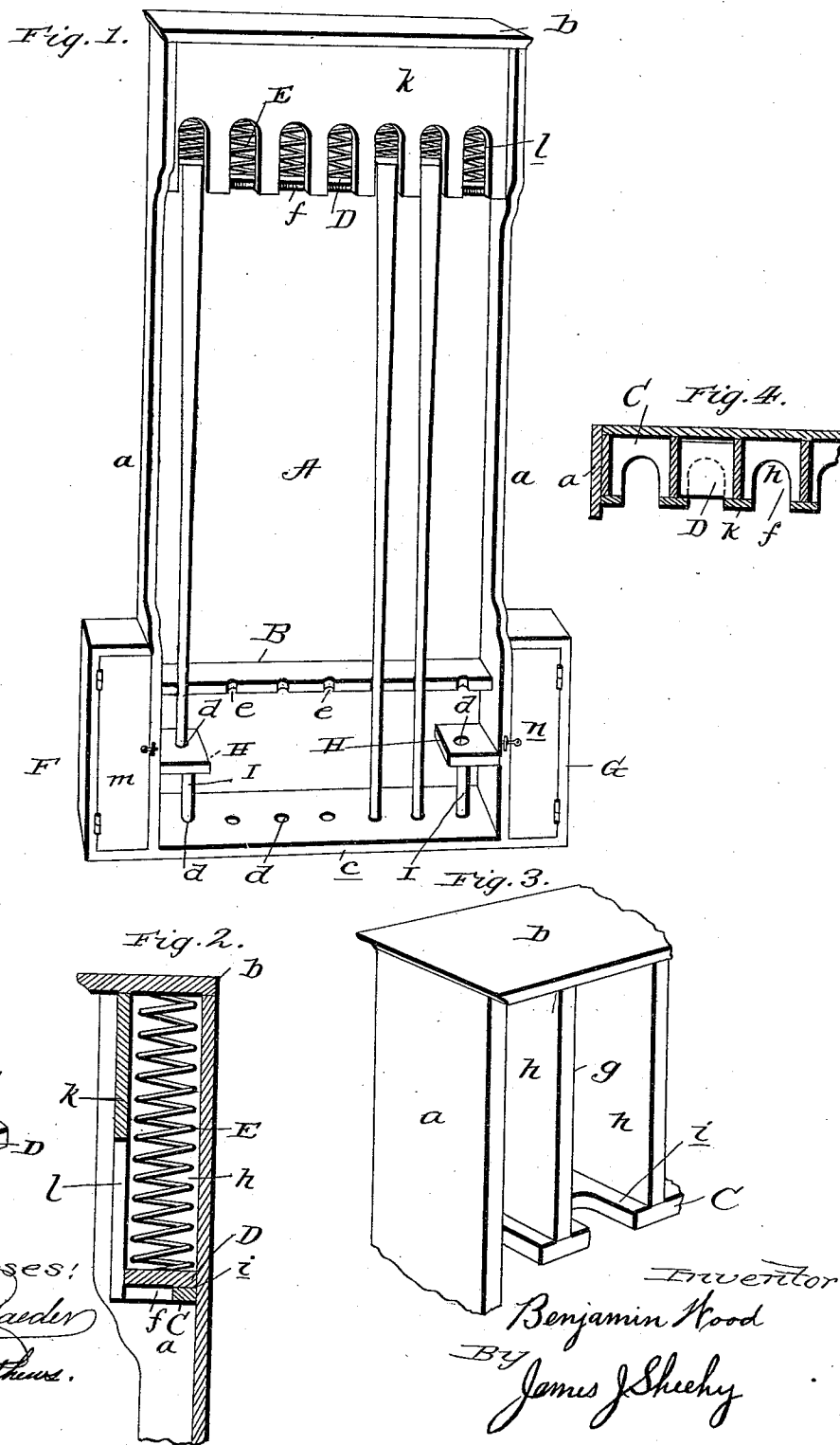


(No Model.)

B. WOOD.
BILLIARD CUE TIPPING RACK.

No. 511,984.

Patented Jan. 2, 1894.



Witnesses:
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BENJAMIN WOOD, OF RICHWOOD, OHIO.

BILLIARD-CUE-TIPPING RACK.

SPECIFICATION forming part of Letters Patent No. 511,984, dated January 2, 1894.

Application filed May 8, 1893. Serial No. 473,496. (No model.)

To all whom it may concern:

Be it known that I, BENJAMIN WOOD, a citizen of the United States, residing at Richwood, in the county of Union and State of Ohio, have invented certain new and useful Improvements in Billiard-Cue-Tipping Racks; 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.

This invention has relation to an improvement in racks or frames for holding billiard cues, while the leather or other tips are drying as glued or cemented to one end of the cues, and the novelty will be fully understood from the following description and claim when taken in connection with the annexed drawings, in which—

Figure 1, is a perspective view of my improved device illustrating a series of cues in position in said rack or frame, while the glue or cement to hold the tips, is drying. Fig. 2, is a vertical, sectional, detail view of the upper portion or head of the frame. Fig. 3, is a perspective detail view of the same. Fig. 4, is a horizontal, sectional, detail view of the upper portion of the head or frame, and Fig. 5, is a perspective view of one of the pressure blocks.

Referring by letter to said drawings:—A, indicates a frame or rack, which consists mainly of two uprights *a*, a horizontal top *b*, connecting said uprights, and a horizontal base *c*, which also connects the uprights at their lower ends. The base *c*, is provided on its upper side at suitable intervals with shallow pits or depressions *d*, designed to receive the leather tips or tips of other suitable material to be secured to billiard cues.

B, indicates a horizontal cross-bar or strip which is secured to the uprights *a*, at a suitable altitude, and this bar or strip is provided in one of its longitudinal edges with notches *e*, arranged at points directly above the pits or depressions *d*, in the base piece.

C, indicates a horizontal strip or bar which is also secured to the uprights at a suitable distance below the horizontal top bar *b*. This strip *C*, is provided in its outer, longitudinal

edge with curvilinear recesses *f*, which are designed to receive the butt ends of the cues as will be presently described. Rising from the upper side of this strip *C*, and extending to the top cross bar or strip *b*, and arranged between each recess *f*, is a vertical partition *g*, and these partitions are designed to form compartments *h*. It will be observed that the partitions are so arranged upon the strip or bar *C*, as to provide horizontal seats *i*, to receive and seat pressure blocks *D*. These blocks which are placed one within each compartment are designed in operation to press upon the butt end of a cue and are backed by pressure springs *E*. These springs *E*, which may be of spiral or coiled form are arranged one in each compartment, and the respective compartments are closed in front by a vertical wall *k*, which has vertical recesses *l*; the recesses *l*, being so arranged with respect to the recesses *f*, in the strip *C*, that a cue may be inserted or withdrawn from the compartment by simply pulling the cue toward the operator.

On one side of the frame is a box or receptacle *F*, having a hinged door *m*, and on the opposite side is a similar box *G*, with a hinged door *n*, for the reception of cue tips and the glue or cement to be used.

The construction which I have so far described will permit of the use of the longest cues and in order that short cues might be placed in the rack, I have provided a horizontal stool *H*, at each side, and attached to the inner side of the uprights *a*. These stools are supported on legs *I*, and have a pit or depression *j*, in their upper sides similar to the pits or depressions in the base piece *c*.

The entire rack or frame may be suitably secured to a wall or other means of attachment, and the device may be made ornamental so as to present a handsome appearance.

In operation, the leather tips being attached to the tapered end of the cue by glue or other adhesive substance, the opposite end of the cue is placed beneath the pressure block *D*, and forced upwardly so as to contract the spring above it, when the body of the cue is then guided into one of the notches or recesses

e, in the cross bar B, and the tip with its cue
let down into the pit or depression d, in the
base piece, where it will remain under spring
pressure until the glue or cement has dried,
5 and the cue removed by the attendant.

Having described my invention, what I
claim is—

The improved billiard cue rack or holder,
described, comprising the uprights connected
10 at their upper ends by a cross bar, the hori-
zontal cross piece having notches in its front
edge, the vertical partitions rising from said
cross piece so as to form compartments, the
pressure blocks arranged in the base of said
15 compartments and exposed through the

notches or recesses thereof, the pressure
springs arranged in the compartments and
bearing upon the pressure blocks, the notched
or recessed piece closing the front of said
compartments as shown, the base piece hav- 20
ing the pits or depressions, and the cross bar
or strip secured above the base piece and
having recesses or notches in one edge and
at points above said pits, substantially as
specified.

BENJAMIN WOOD.

In presence of—

JAMES Q. ROBINSON,
WM. A. PHELPS.