

(No Model.)

W. SHERWOOD.

AUTOMATIC CHALK HOLDER FOR BILLIARD TABLES.

No. 294,516.

Patented Mar. 4, 1884.

Fig. 1.

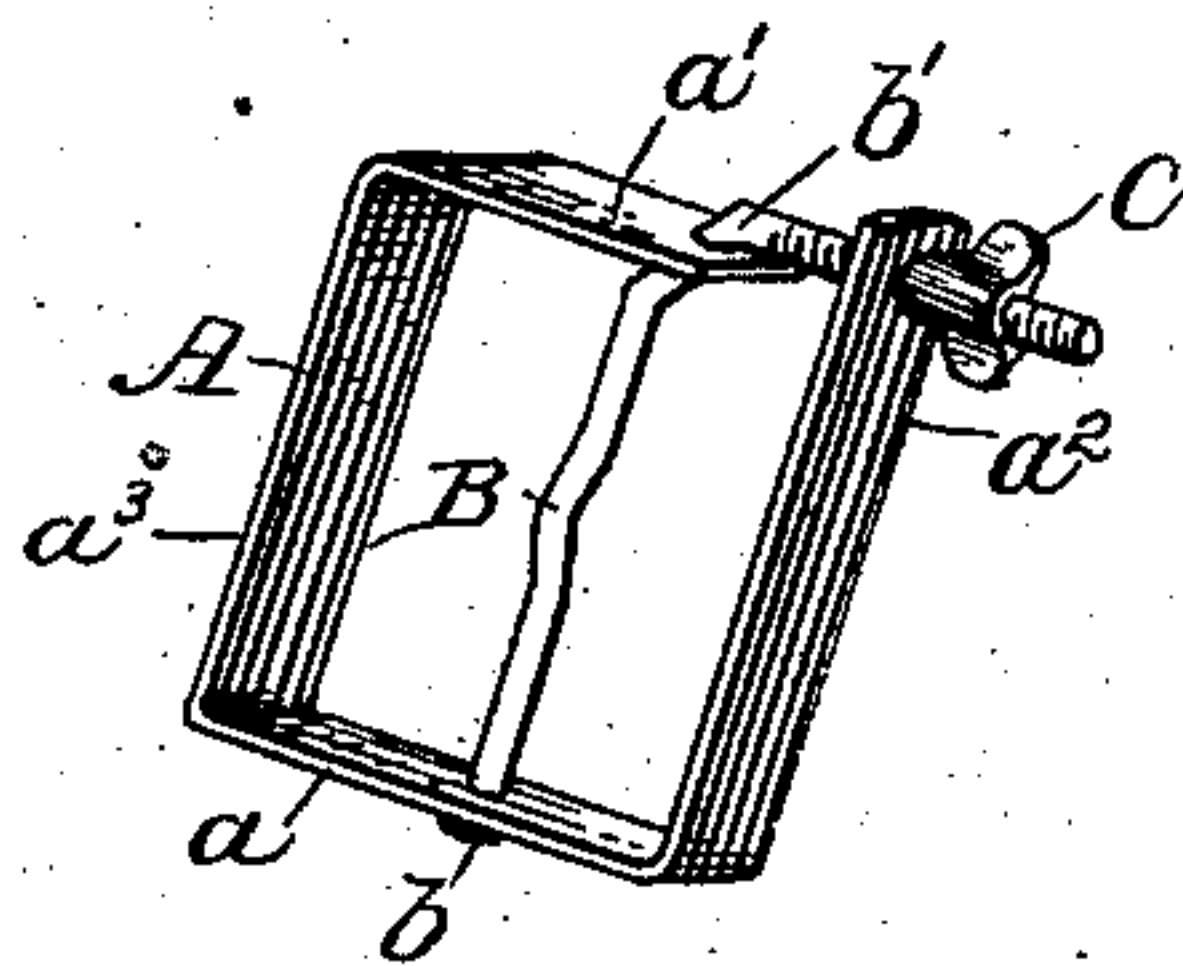


Fig. 2.

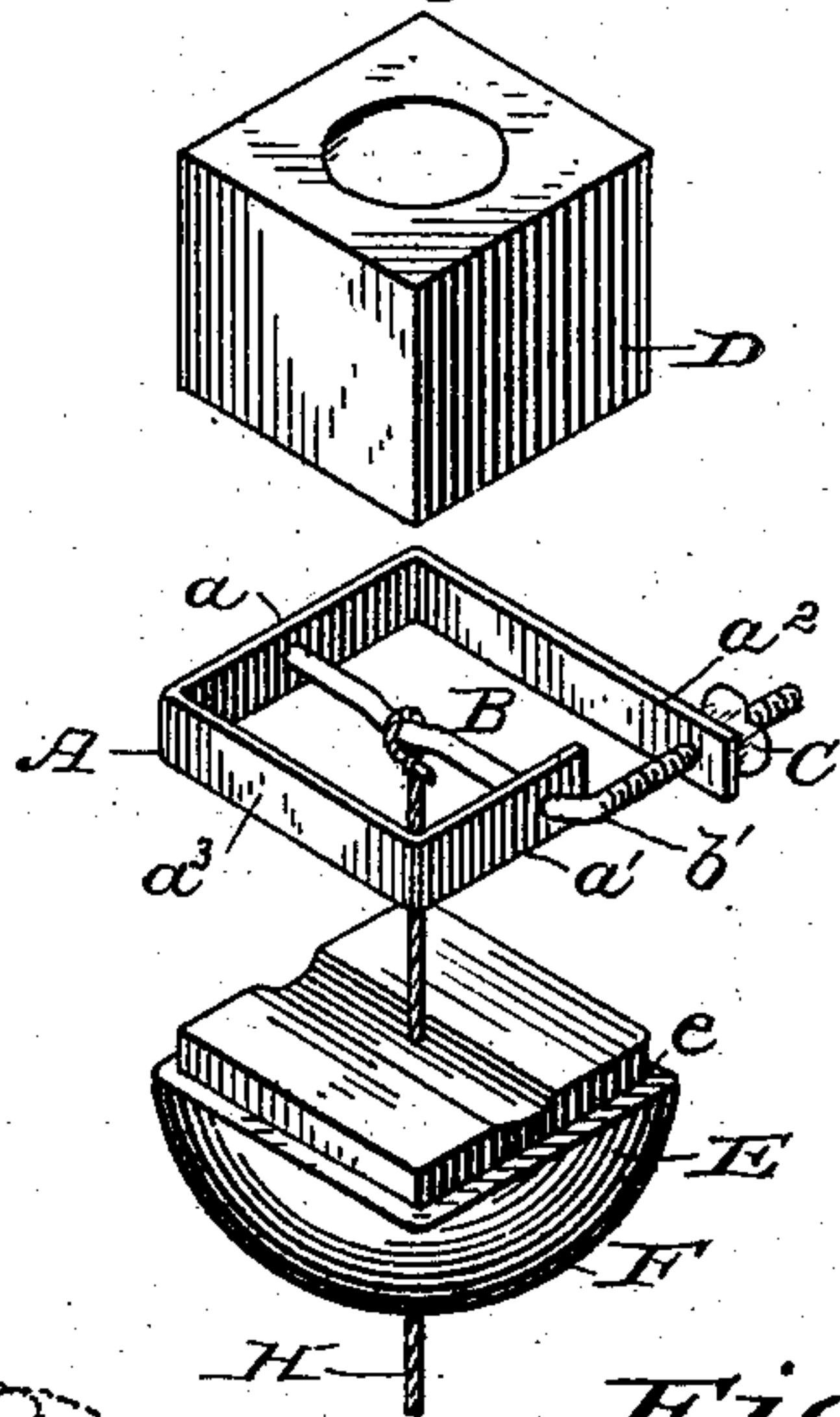


Fig. 3.

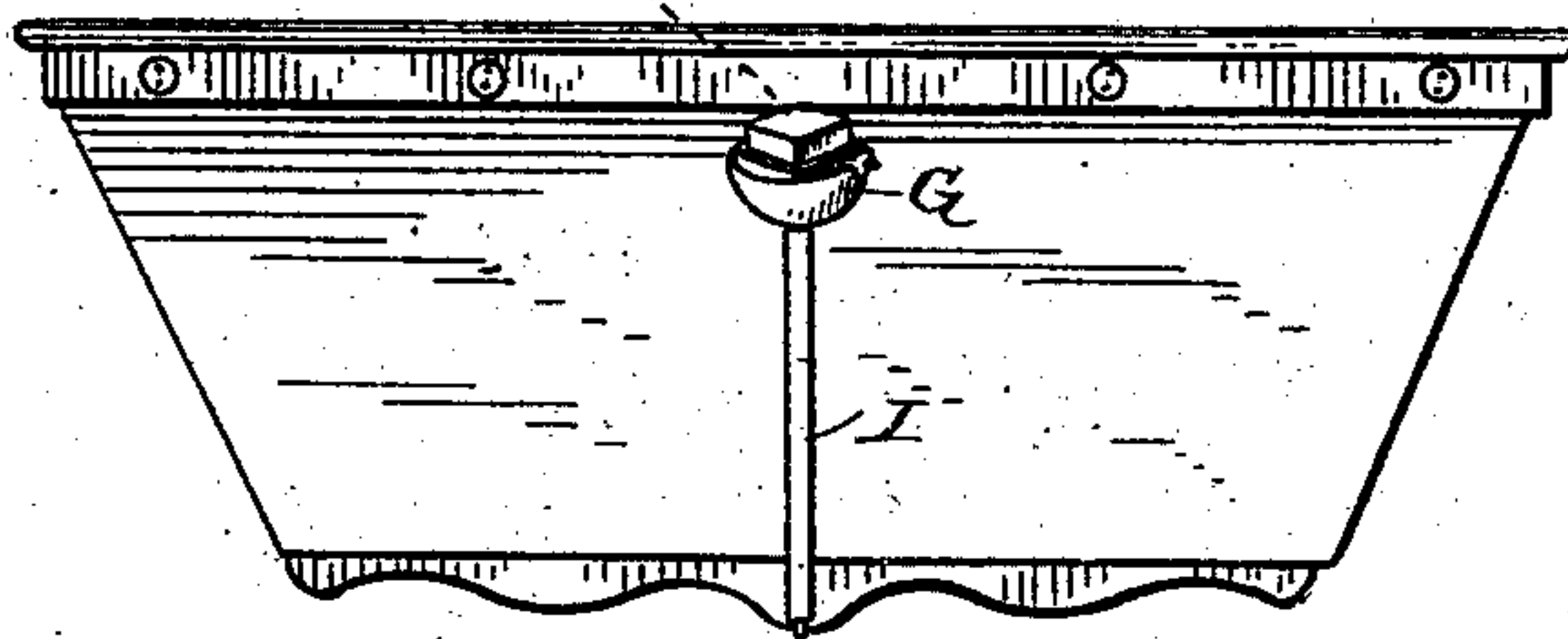
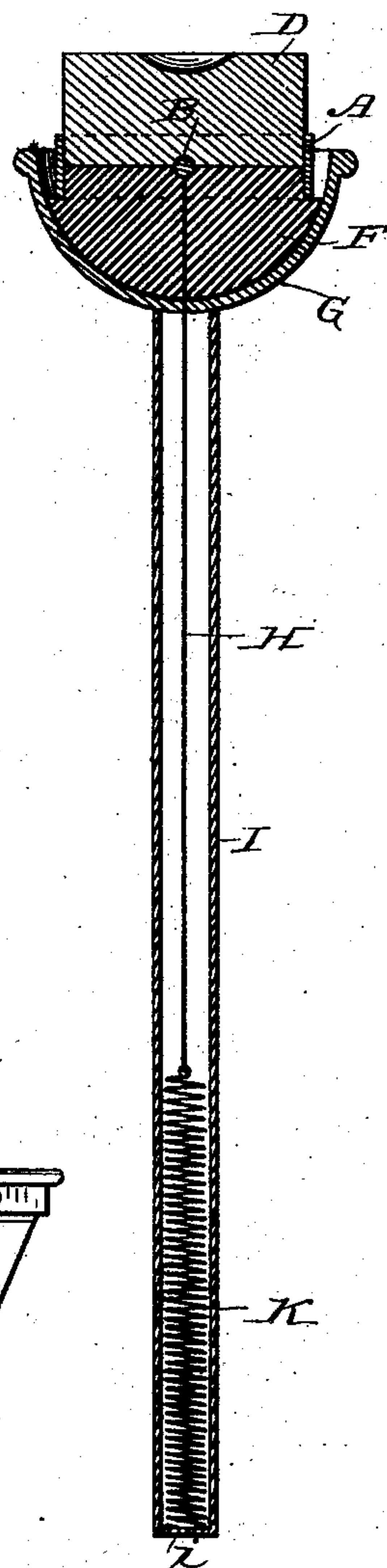


Fig. 4.



WITNESSES

Chas. H. Baker.
Chas. E. Lynch.

INVENTOR

Will Sherwood.
H. F. Smith
Attorney

UNITED STATES PATENT OFFICE.

WILL SHERWOOD, OF CHICAGO, ILLINOIS.

AUTOMATIC CHALK-HOLDER FOR BILLIARD-TABLES.

SPECIFICATION forming part of Letters Patent No. 294,516, dated March 4, 1884.

Application filed February 7, 1884. (No model.)

To all whom it may concern:

Be it known that I, WILL SHERWOOD, a citizen of the United States, residing at Chicago, in the county of Cook and State of Illinois, have invented certain new and useful Improvements in Automatic Chalk-Holders for Billiard-Tables; 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 letters and figures of reference marked thereon, which form a part of this specification.

My invention has relation to chalk-holding devices for billiard-tables; and the object of the invention is to provide a holder for the chalk, whereby it is secured to the table in such a manner as to allow of its free manipulation, and after use to automatically return to its place in the chalk-cup; and to these ends the novelty consists in a clamp for holding the cube of chalk and a rubber bumper or cushion to prevent injury to the chalk, combined with a cord and spiral spring, all of which will be hereinafter more fully described, and particularly pointed out in the claims.

In the accompanying drawings similar letters of reference indicate the same parts of the invention.

Figure 1 is a perspective view of the clamp; Fig. 2, a similar view of the cube of chalk, the clamp with the cord attached thereto, and the rubber bumper, the parts being separated, so as to more clearly show their construction. Fig. 3 is a view of one end of a billiard-table, showing my device applied thereto, and the dotted lines show the chalk-holder removed from the cup to allow its use. Fig. 4 is a sectional elevation of the device in position and ready for use.

A is a square clamp of a size corresponding to the ordinary chalk-cube.

B is a bolt, one end of which passes through the side a of the clamp A, and having that end upset, so as to form a head, b . The bolt B then extends across the clamp A, through the side a' , and thence through the end a^2 , where it is screw-threaded to receive the thumb-nut C. The portion b' of the bolt B is bent at an angle of about one hundred and

thirty-five degrees to the body of the bolt, so that by this inclined portion b' , as the nut C is screwed up, the side a' will be pressed toward the opposite side a , and at the same time the side a^2 will be compressed against the side a^3 ; and it will thus be seen that all four sides of the chalk-cube D will be firmly clamped and rigidly held in place by simply tightening the thumb-screw C.

E is a piece of soft rubber, and its upper end has a recess, e , extending around it. Where it is inserted in the clamp A, the bottom F is semicircular to correspond to the shape of the cup G.

H is a flexible cord passing through the rubber E, and having one end secured to the center of the bolt B. This cord extends downward through a hole in the cup G into the tube I, and its end is secured to a spiral spring, K, the lower end of which is made fast to the bottom i of the tube. The chalk and rubber being secured in the clamp, as shown in Fig. 4, the chalk is grasped by the finger and thumb and raised out of the cup to be used in the operation of chalking the cue, as shown in dotted lines in Fig. 3. After use, the operator simply releases it, and the spring K restores it to its original position in the cup, the rubber forming a cushion and preventing the chalk breaking.

In order to apply my device to tables in use, it is only necessary to bore a small hole through the bottom of the chalk-cup and attach the tube to the table in any suitable manner, underneath said cup.

Having thus described my invention, what I claim as new and useful, and desire to secure by Letters Patent of the United States, is—

1. The clamp A, provided with the bolt B, having nut C, as and for the purpose set forth.

2. The clamp A, having bolt B, with angular bend b' and nut C, as set forth.

3. The combination, with the clamp A, chalk-cube D, and cord H, of the rubber bumper E, as and for the purpose set forth.

4. The combination, with the clamp A, bolt B, and rubber bumper E, of the cord H and cup G.

5. The clamp A and bolt B, bumper E, and cord H, in combination with the cup G, tube

I, and spring K, as and for the purpose set forth.

6. The combination, with a billiard or pool table having a chalk-receptacle, G, of the
5 spring K; cord H, rubber bumper E, clamp A B, and chalk-cube D, as and for the purposes set forth.

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

WILL SHERWOOD.

Witnesses:

H. J. ENNIS,
CHAS. H. BAKER.