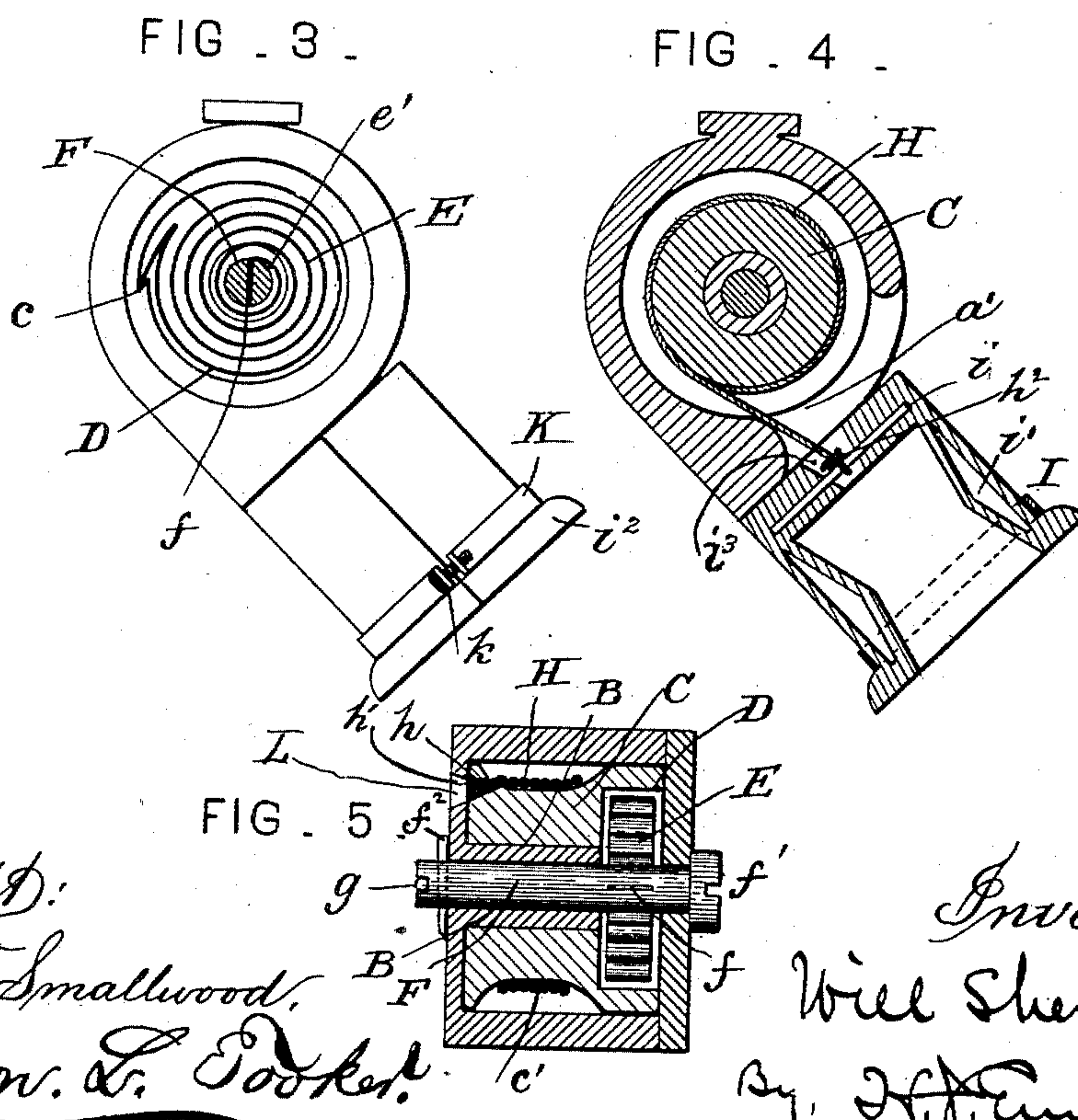
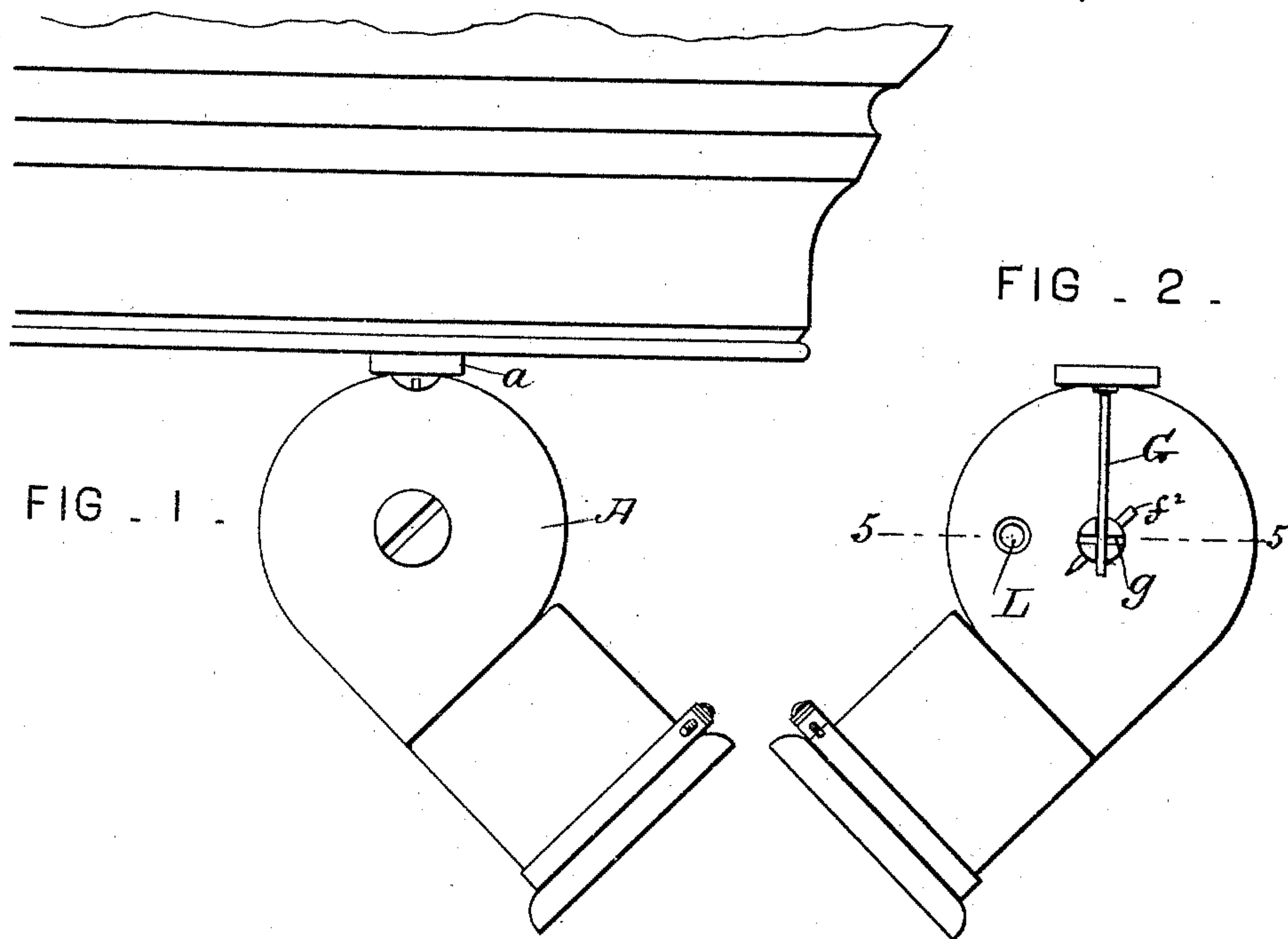


(No Model.)

W. SHERWOOD.  
CHALK HOLDER FOR BILLIARD TABLES.

No. 468,278.

Patented Feb. 2, 1892.



Attest:  
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# UNITED STATES PATENT OFFICE.

WILL. SHERWOOD, OF NEW YORK, N. Y.

## CHALK-HOLDER FOR BILLIARD-TABLES.

SPECIFICATION forming part of Letters Patent No. 468,278, dated February 2, 1892.

Application filed December 13, 1890. Renewed January 12, 1892. Serial No. 417,809. (No model.)

*To all whom it may concern:*

Be it known that I, WILL. SHERWOOD, a citizen of the United States, residing at New York, in the county of New York and State of New York, have invented certain new and useful Improvements in 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 of reference marked thereon, which form a part of this specification.

My invention has relation to improvements in chalk-holders for billiard and analogous game-tables, and more particularly to that class of devices wherein the cube of chalk is held by friction in an elastic holder secured by a cord to a reel or drum provided with a coiled spring contained in a case secured in a suitable manner to the rail of the table; and the novelty consists in the construction, combination, and arrangement of the several parts of the same, as will be hereinafter more fully described, and particularly pointed out in the several claims.

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

Figure 1 is a side elevation of one end of the rail of a game-table, showing my improved chalk-holder secured thereto. Fig. 2 is an opposite side view of the holder, as shown in Fig. 1. Fig. 3 is a side view of the holder with the side plate removed. Fig. 4 is a central longitudinal section of the holder proper, and Fig. 5 is a transverse section taken on the line 5 5 of Fig. 2.

A is a suitable metallic casing of an approximately cylindrical shape and provided with a bracket *a*, by means of which it may be secured to the table-rail, as shown in Fig. 1. This casing is provided with an integral central sleeve B, which forms a bearing for a drum C, which has a recess D in which is secured a spring E, the outer end *e* of which is bent outward and backward upon itself to engage a notch *c* in the recess D of the drum C and the inner end *e'* of said spring is bent inwardly parallel to the diameter thereof and is inserted in a slot *f* of the central bolt F.

This bolt F is secured in place by its head *f'* and a pin *f''*, inserted in its smaller end. The face of the smaller end of this bolt F is provided with right-angled radial slots *g g*, which engage the free end of a spring-bar G, secured to the bracket *a*, and by releasing the free end of said spring-bar from the slot, the bolt F may be turned by means of its screw-head so as to wind up the spring E, which puts a tension on the drum C. The periphery of this drum C is provided with an annular recess *c'*, about which is wound a cord H, one end *h* of which is secured in a conically-shaped hole *h'* in the periphery of said drum and the other end *h''* is passed through an opening *a'* in the casing and attached to a cross-bar *i*, located in the elastic holder I, so that when the holder is withdrawn from the casing A and then released the drum, spring, and cord will return the elastic holder I to its normal position, as shown in Fig. 1.

It will thus be seen that while normally the position of the chalk-holder proper is that shown in Fig. 1, when it is desired to chalk the cue the holder I is grasped in the hand, withdrawn so as to apply the chalk to the cue, and then the holder released, when it is automatically returned to its first position, as above described. The holder I is approximately rectangular in shape and is of a size to conform to the size and shape of an ordinary cube of billiard-chalk, except that its interior is double-cone-shaped, being smaller in the center than at the bottom or mouth, and between the inner and the outer faces thereof are hollow or air spaces *i'*, which serve to more securely hold the chalk in place and at the same time prevent its being fractured by the holder knocking against the table while it is in use.

A rectangular band-clamp K, provided with a tightening-screw *k*, is secured around the outside of the holder I under the flange *i''*, surrounding its mouth, so that when a piece of chalk has been partially used up the clamp may be loosened, and through the medium of the hole *i'''* the chalk may be pushed forward until its face is flush with the surface of the holder proper and the clamp then tightened to retain the chalk in place.

L is a hole in the side of the casing A and is located immediately in line with the hole



$h'$  in the drum, so that when the cord has become worn or is in danger of breaking, or has parted, the end of the cord is caught and pulled out until it is entirely unwound, and  
5 by stopping the drum so that the hole  $h'$  is in line with the hole L in the casing the old cord may be withdrawn and a new one inserted through these two holes, so that the knot in the end of said cord will be caught  
10 and held in the hole  $h'$  and the drum allowed to revolve, so as to wind the cord on it. Should the spring have run down or not have sufficient tension to wind up enough of the cord to draw the holder up, the spring may be  
15 readily tightened, as above described, by releasing the spring-bar G and turning the bolt F until the desired tension is attained.

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

1. A chalk-holder consisting of a rubber casing provided with air-spaces between its inner and outer walls, as and for the purpose  
25 set forth.

2. A chalk-holder consisting of an integral rubber casing provided with an air-space between its inner and outer walls and an opening in the bottom thereof and a cross-bar secured therein for securing a retaining-cord  
30 to, as set forth.

3. The combination, with the casing A, provided with the hole L, of the drum C, provided with a cord-retaining hole  $h'$ , located in a line with the hole L in said casing, as set  
35 forth.

4. The casing A, provided with the spring-bar G, and the sleeve B, upon which is mounted the drum, to which is attached the outer end of the spring E, the inner end of said spring  
40 being secured in a slot  $f$  in the bolt F, one end of which is provided with the radial slots  $g$ , adapted to engage the free end of the spring-bar G, as set forth.

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

WILL. SHERWOOD.

Witnesses:

HENRY J. ENNIS,  
GIDEON L. TOOKER.