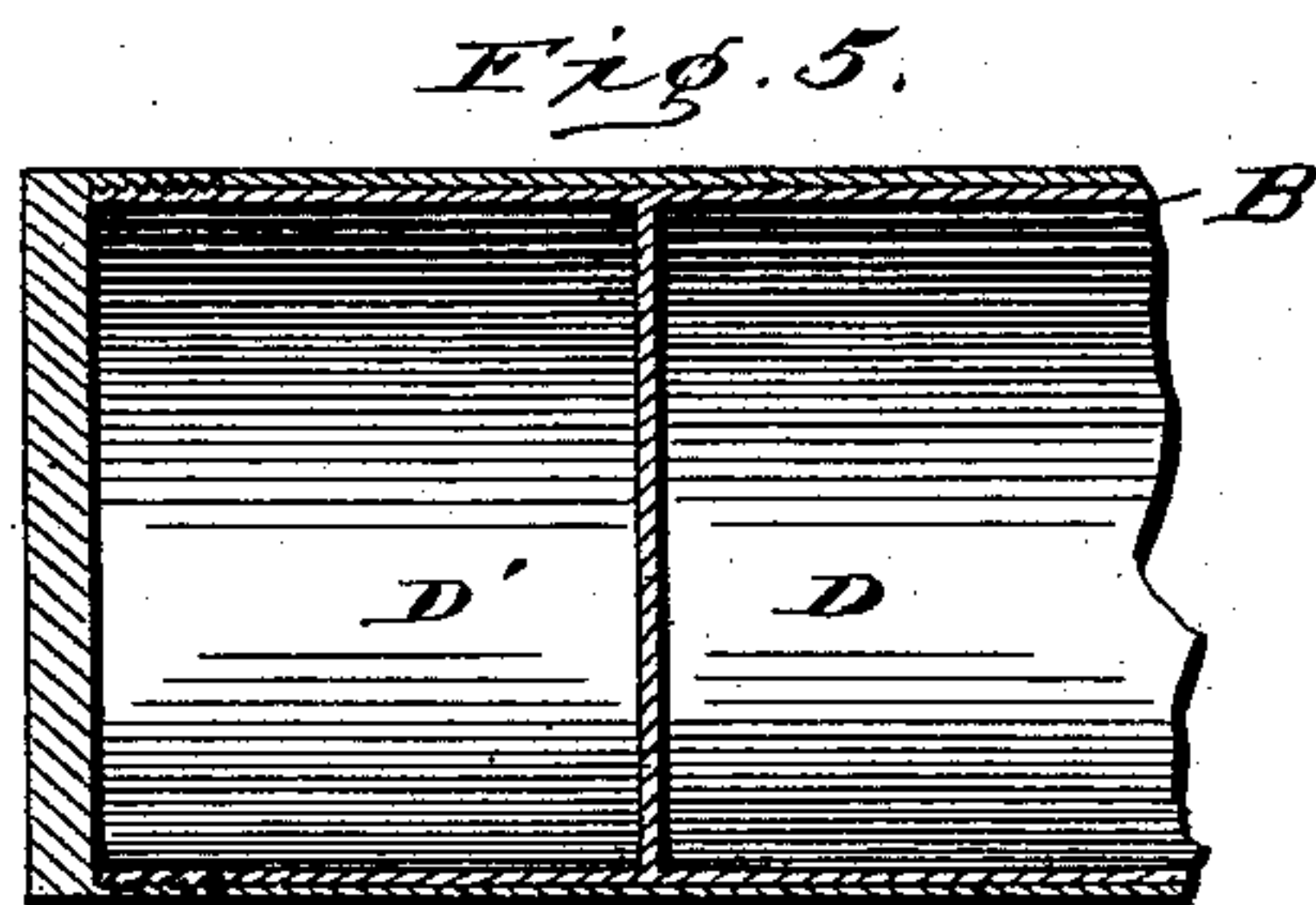
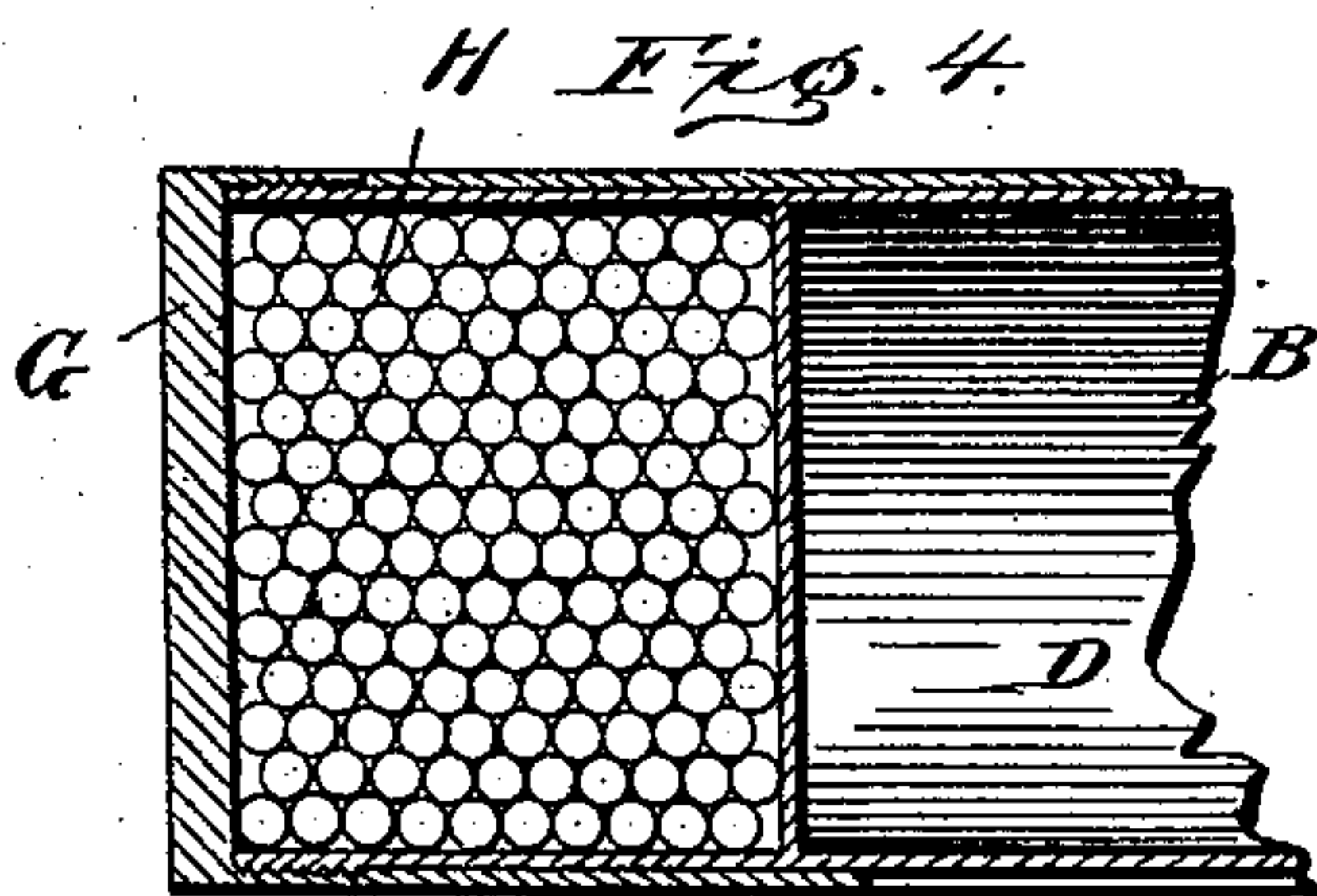
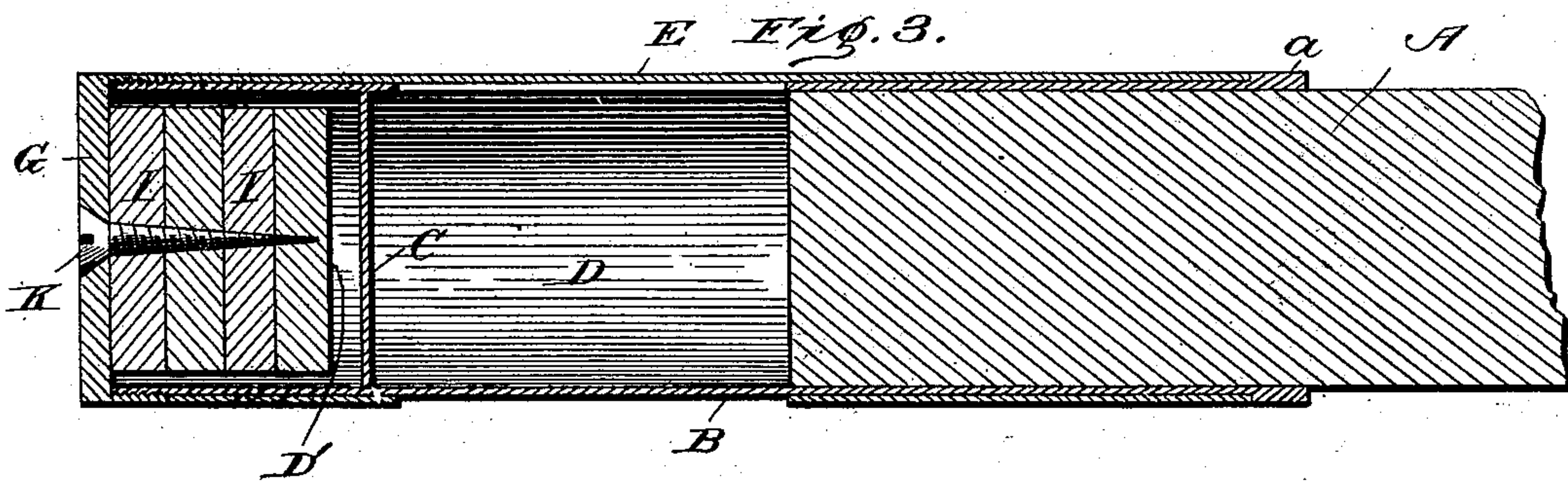
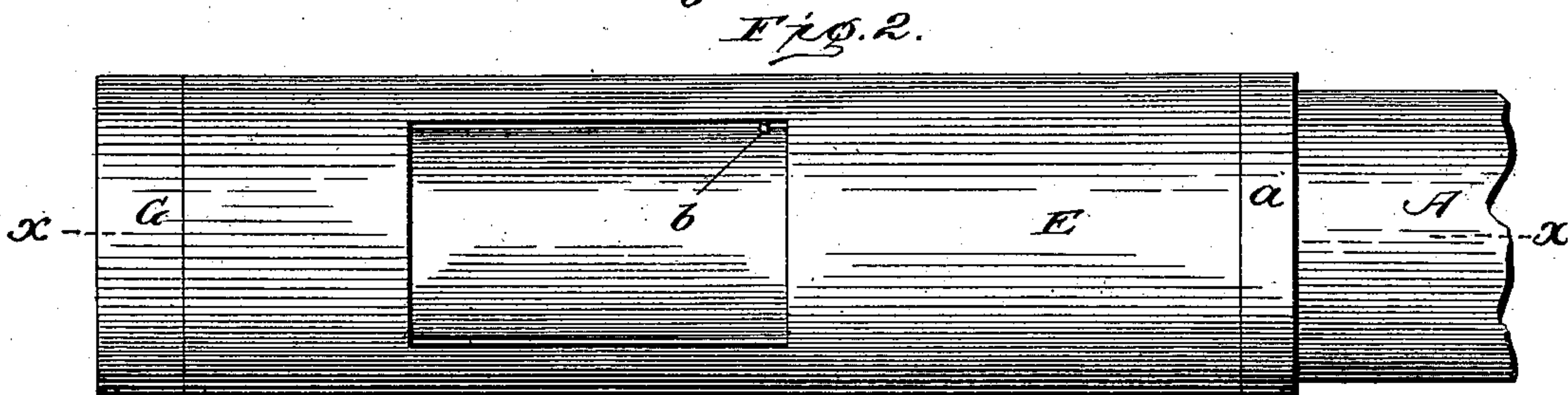
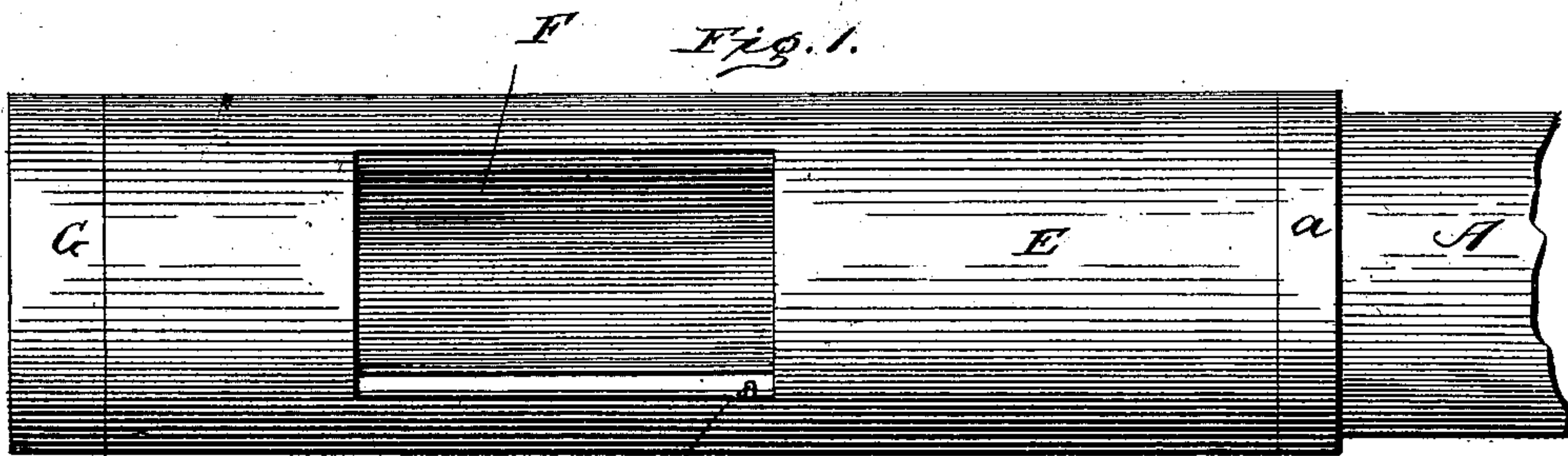


(No Model.)

R. N. BARGER.
BILLIARD CUE.

No. 507,471.

Patented Oct. 24, 1893.



Witnesses

Edwin L. Bradford
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UNITED STATES PATENT OFFICE.

ROBERT N. BARGER, OF CHICAGO, ILLINOIS.

BILLIARD-CUE.

SPECIFICATION forming part of Letters Patent No. 507,471, dated October 24, 1893.

Application filed March 16, 1893. Serial No. 466,325. (No model.)

To all whom it may concern:

Be it known that I, ROBERT N. BARGER, 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 Billiard-Cues; and I do hereby 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.

My invention relates to certain new and useful improvements in billiard cues.

It has for its object to provide the cue with a readily accessible chalk box which may be expeditiously opened and closed, and also to provide means for properly weighting the cue, all as will be hereinafter and in detail explained.

In order that those skilled in the art may know how to make and use my improved cue, I will proceed to describe the same referring by letters to the accompanying drawings in which—

Figure 1 represents a plan view of the butt end of the cue with the chalk box open. Fig. 2 is a similar view with the chalk box closed. Fig. 3 is a longitudinal section taken at the line x, x , of Fig. 2. Fig. 4 is a detail longitudinal section showing a modification of the weighting devices; and Fig. 5 is a similar view showing the weights removed.

Similar letters of reference denote like parts in the several figures.

A represents the cue, which is provided with a tubular extension B, the forward end of which is formed with a collar or shoulder a , for the purpose presently explained. In that portion of the tube B, which extends beyond the butt end of the cue A is arranged a partition C, which divides the said tube into two receptacles or boxes D, D', the former to receive the chalk, and the latter to receive the weights. I may however dispense with the partition C and the weight box D' if desirable, and provide for a chalk box only by sealing or closing the end of the tube B. A cylindrical sleeve E, with a lateral opening F is slipped over the tubular extension B until the front end of the sleeve abuts against the collar a , and a cup G is then screwed onto the extreme end of the extension B in such manner as to

confine the sleeve against longitudinal movement while at the same time permitting a rotary movement of the same. The tubular extension is formed with a lateral opening similar to the one F in the sleeve, and when the sleeve is rotated as shown at Fig. 1, so that the two openings register, the chalk box D will be open, and to close the same it is only necessary to rotate the sleeve E to such an extent as to bring the unbroken surface of the same over the opening in the extension B, as illustrated at Fig. 2, and if desirable a short peg or stop may be employed to limit the rotation of the sleeve in either direction.

When it is desired to provide in addition to the chalk box D, another box D', to receive compensating weights, said box may be partially or wholly filled with shot H, as shown at Fig. 4, by which great nicety of weight may be obtained, or a series of disks I may be either fitted within the box D', or secured in place therein by a screw K passing through the cap G.

As before stated the sleeve E is free to be rotated upon the extension B, and between the collar a and closing cap G. The chalk being within its receptacle and the opening being closed, to remove the chalk grasp the sleeve with the palm of the hand over the opening F, rotate the sleeve until the opening F registers with the corresponding opening in the extension B, and the chalk will then drop out and into the hand, and after using the same it can be replaced and the receptacle closed by a reverse movement of the sleeve.

It will be observed that by providing the chalk receptacle in the cue it becomes unnecessary to walk around the billiard table to find a chalk box, and that it tends to avoid the practice of placing the chalk upon the cushion rail, from which it is frequently knocked off, and which in any event tends to dirty and mar the rail and cushion cloth.

Many slight variations in the details of construction may be made without departing from the spirit of my invention.

Having described the construction and operation of my improvement in billiard-cues, what I claim as new, and desire to secure by Letters Patent, is—

1. A billiard cue provided at its rear end

with a lateral opening or recess for the reception of chalk, in combination with a rotary sleeve having a lateral opening in the same and adapted to register with or close the opening in the rear end of the cue, substantially
5 as and for the purpose set forth.

2. The cue A, hollow extension B provided with lateral opening, collar *a*, and partition C, in combination with the sleeve E having a
10 lateral opening F, and the screw cap G, all substantially as and for the purposes set forth.

3. A billiard cue provided at its rear por-

tion with a lateral pocket D to receive the chalk, and a pocket D' to receive weights, in combination with a rotary sleeve having a lat- 15
eral opening therein, and a closing screw cap G, substantially as and for the purpose set forth.

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

ROBERT N. BARGER.

Witnesses:

EUGENE R. DAVIES,
BEN F. KIMMIT.