

No. 719,865.

PATENTED FEB. 3, 1903.

T. I. PORTER.
SEAL.

APPLICATION FILED SEPT. 7, 1901.

NO MODEL.

Fig. 1.

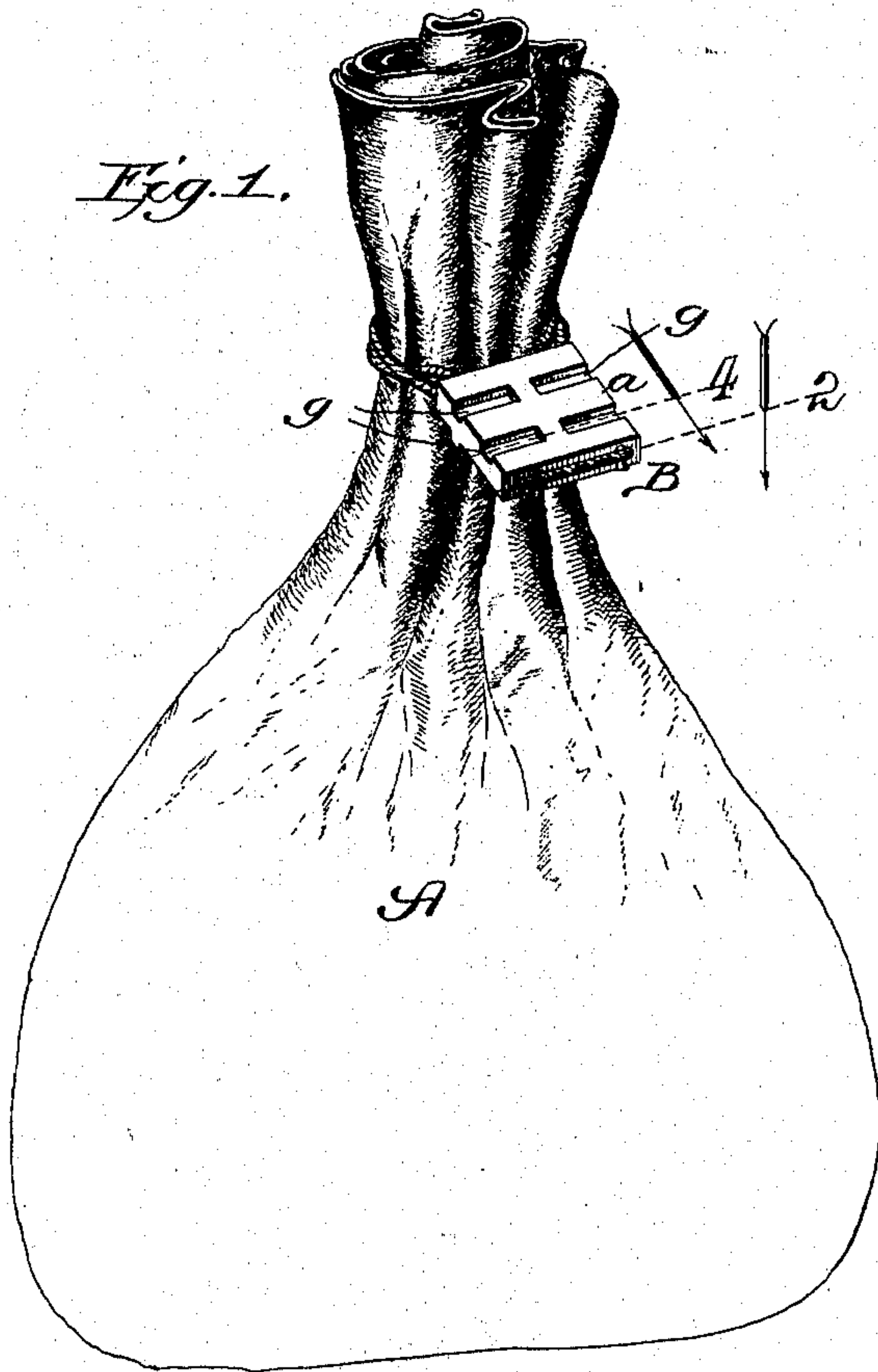


Fig. 3.

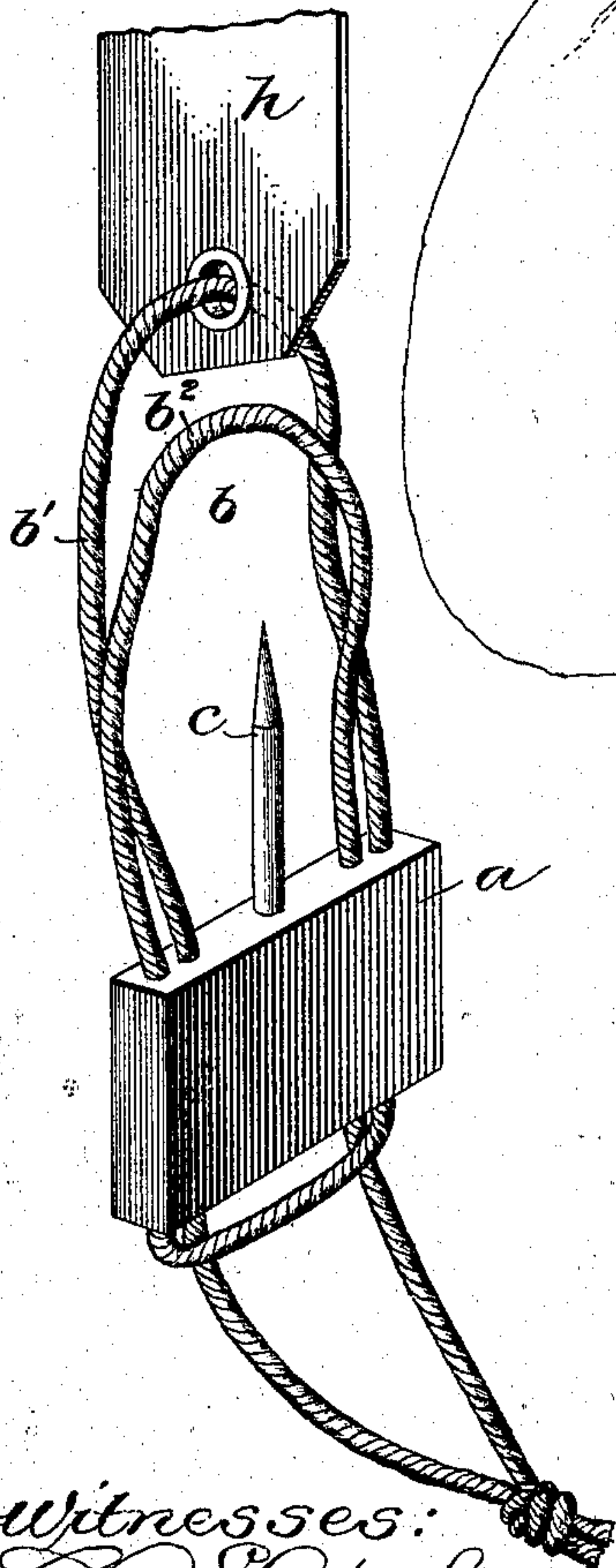


Fig. 4.

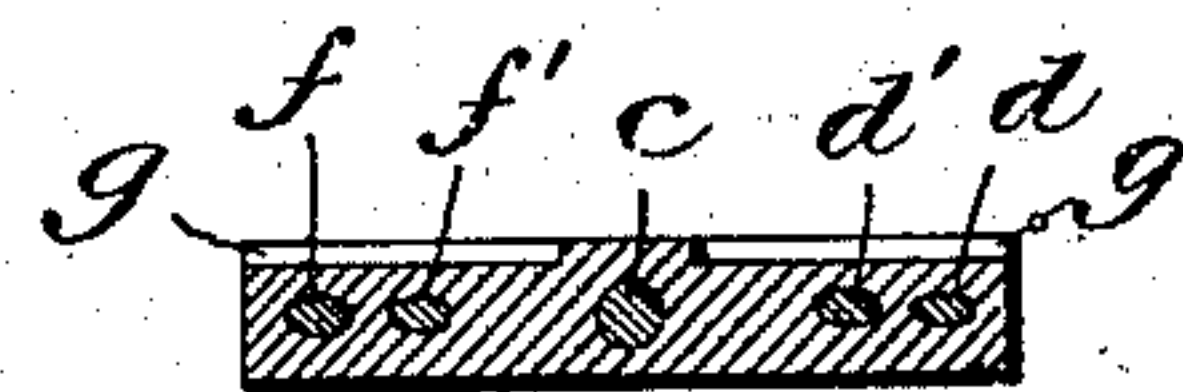
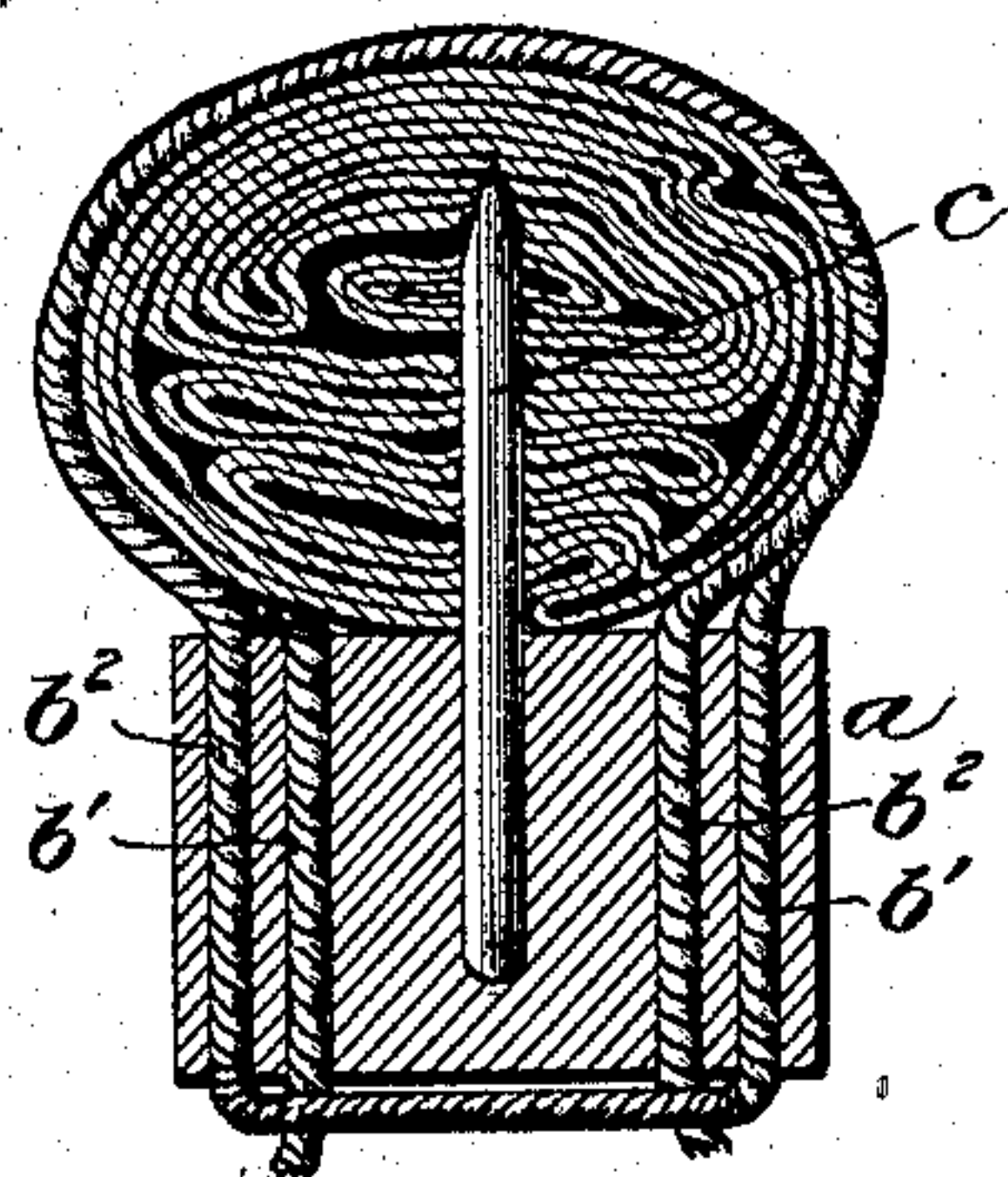


Fig. 2.



Witnesses:

Chas. E. Gaylord.
Geo. C. Harrison.

Inventor:

Thomas I. Porter,
By *Pymforth Pymforth & Lee,*
Att'ys.

UNITED STATES PATENT OFFICE.

THOMAS I. PORTER, OF CHICAGO, ILLINOIS, ASSIGNOR TO PORTER SAFETY SEAL COMPANY, A CORPORATION OF ILLINOIS.

SEAL.

SPECIFICATION forming part of Letters Patent No. 719,865, dated February 3, 1903.

Application filed September 7, 1901. Serial No. 74,612. (No model.)

To all whom it may concern:

Be it known that I, THOMAS I. PORTER, a citizen of the United States, residing at Chicago, in the county of Cook and State of Illinois, have invented a new and useful Improvement in Seals, of which the following is a specification.

My invention relates particularly to seals for money-bags and the like; and my primary object is to provide a seal of this character which is inexpensive in construction, easy of application, and thoroughly effective in use.

A modification of the present invention is shown and specifically claimed in my pending application, Serial No. 72,097, filed August 15, 1902.

My invention is illustrated in its preferred embodiment in the accompanying drawings, in which—

Figure 1 represents a perspective view of a bag sealed with my improved seal; Fig. 2, a plan section taken as indicated at line 2 of Fig. 1; Fig. 3, a perspective view of the seal in condition for application to a bag; and Fig. 4, a transverse section through the soft-metal sealing-block, taken as indicated at line 4 of Fig. 1.

A represents a bag, and B a seal therefor. The seal comprises, preferably, a leaden block *a*, a looped cord or flexible tie-loop *b*, and a sharpened stud or pin *c*, projecting from that edge of the block which is adjacent to the tie-loop. Preferably the block is provided at each side of the stud *c* with two perforations *d d'* and *f f'*, respectively parallel with said stud and receiving said cord, the cord having its ends threaded through the outer two retaining-perforations *d f* from that edge of the block which is opposite the edge provided with said stud, then curved toward each other and threaded back through the inner or guide perforations *d' f'* in a manner to form a two-member loop with the stud *c* projecting into said loop, and then knotted to prevent accidental withdrawal. From Fig. 3 it will be understood that the members *b' b''* of the loop may be made of the same size, so that they will be drawn upon evenly during the operation of sealing the bag. Moreover, the feature of having the two members of the loop symmetrically arranged overcomes all tendency for the block to turn during the

operation of drawing down or reducing the size of the loop while sealing the bag. Furthermore, this feature prevents the possibility of the cord being removed from the sealing-block by cutting the block and then returned to its place without it being readily noticeable that the seal has been tampered with.

The method of applying the seal is to fold or pucker the upper end of the bag in the usual manner, pass the tie-loop of the seal over the upper portion of the bag, draw the loop tight by means of any suitable instrument, thereby causing the point *c* to pierce the bag, as illustrated in Fig. 2, and then crush or indent the leaden block in such a manner as to prevent loosening of the cord. The function of the point *c* is to prevent the upper portion of the bag from being pulled out or withdrawn from the loop, as readily will be understood.

Any suitable device for tightening the cord and sealing instrument for making an impression on the leaden block may be employed; but I prefer to employ a sealing instrument equipped with a tightening device, such as is described in the application of Harry W. Abbott, No. 72,644, filed August 20, 1901.

The sealing-block is preferably pressed or indented with transverse lines *g*, which cross the cord-receiving perforations and flatten the same, thereby crowding the metal down upon the cords, so as to effectually prevent withdrawal of the same.

Each seal is preferably equipped at the loop of its cord with a tag *h*, as shown in Fig. 3, upon which the destination, contents, and other necessary matter is printed. In applying the seal the tag also is secured to the bag, thereby saving an independent operation. It will be seen that in the operation of sealing the bag knotting or tying of the cord is avoided. As indicated, the projecting ends of the cord are cut off after the sealing operation.

Changes in details within the spirit of my invention may be made. Hence no undue limitation is to be understood from the foregoing detailed description.

What I claim as new, and desire to secure by Letters Patent, is—

1. A seal of the character described com-

prising a soft-metal sealing-block provided with four parallel perforations, two of said perforations being retaining-perforations and two being guide-perforations, and an attached
5 tie-loop having two members, each member being secured at one portion in one of said retaining-perforations and passing at another portion through one of said guide-perforations.

10 2. A seal of the character described, comprising a sealing-block provided with two outer substantially parallel retaining-perforations and two inner guide-perforations substantially parallel with said first-named per-
15 forations, and a two-member tie-loop formed by threading the ends of a flexible cord through said outer perforations in a common direction and then returning said cords through said guide-perforations.

20 3. A seal of the character described, comprising a soft-metal sealing-block, a loop of

reducible size connected therewith, and a sharp bag-piercing point carried by one of said members.

4. A seal of the character described, com- 25
prising a soft-metal sealing-block equipped with a projecting sharp bag-piercing point, and a loop of reducible size connected with said block and operating to oppose said
point. 30

5. A seal of the character described, comprising a readily-crushed sealing-block having substantially parallel perforations, a stud projecting from said block between the planes of said perforations, and a flexible tie-piece, 35
connected with said block at one perforation and extending through the other perforation and affording a loop receiving said stud.

THOMAS I. PORTER.

In presence of—

ALBERT D. BACCI,
M. S. MACKENZIE.