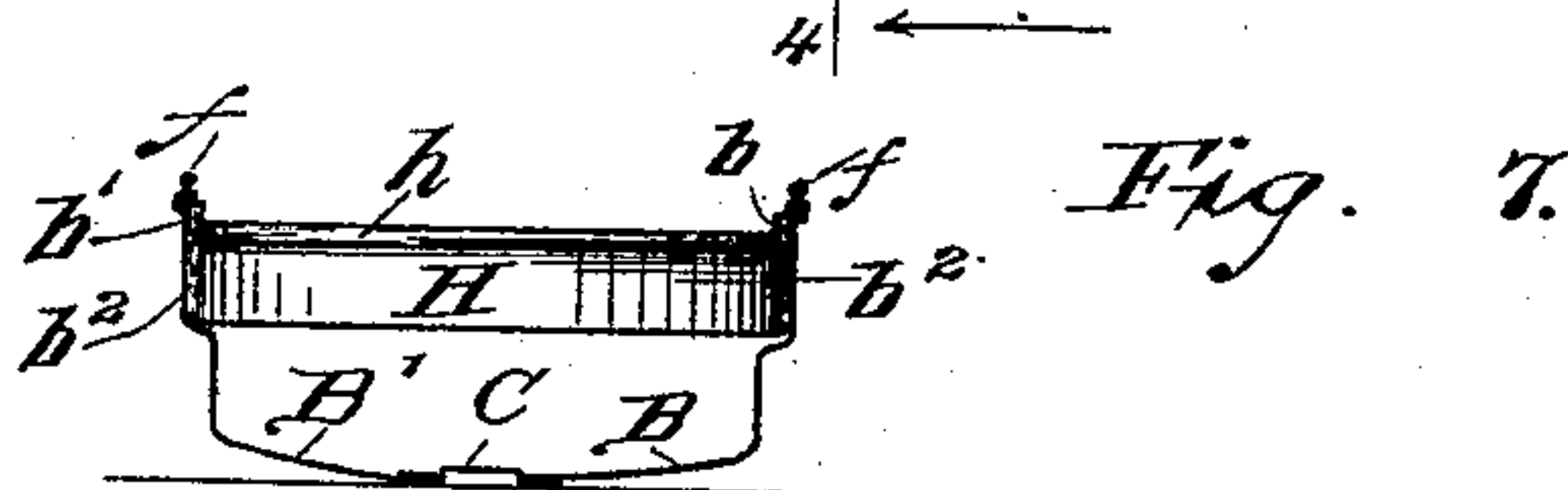
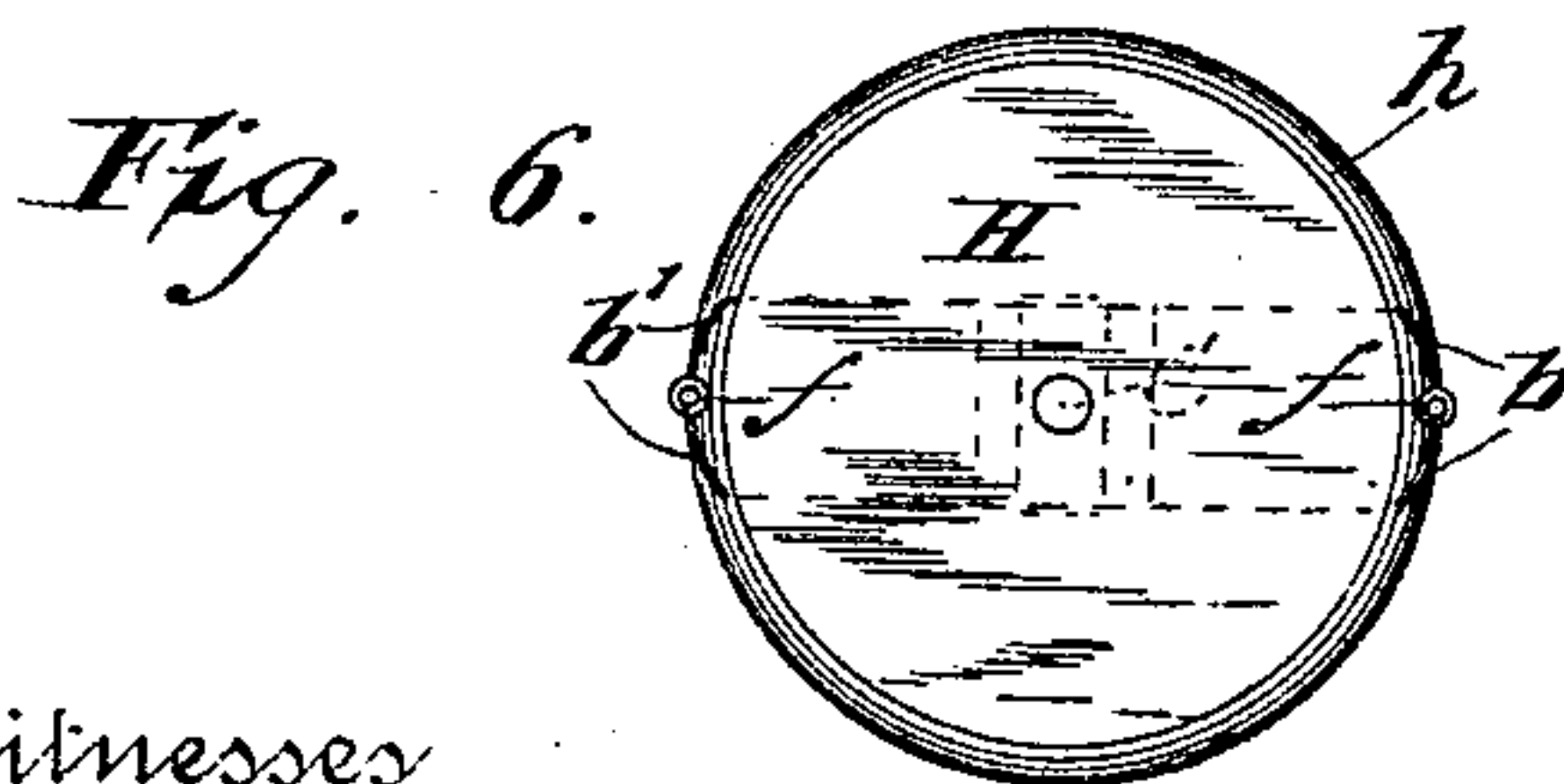
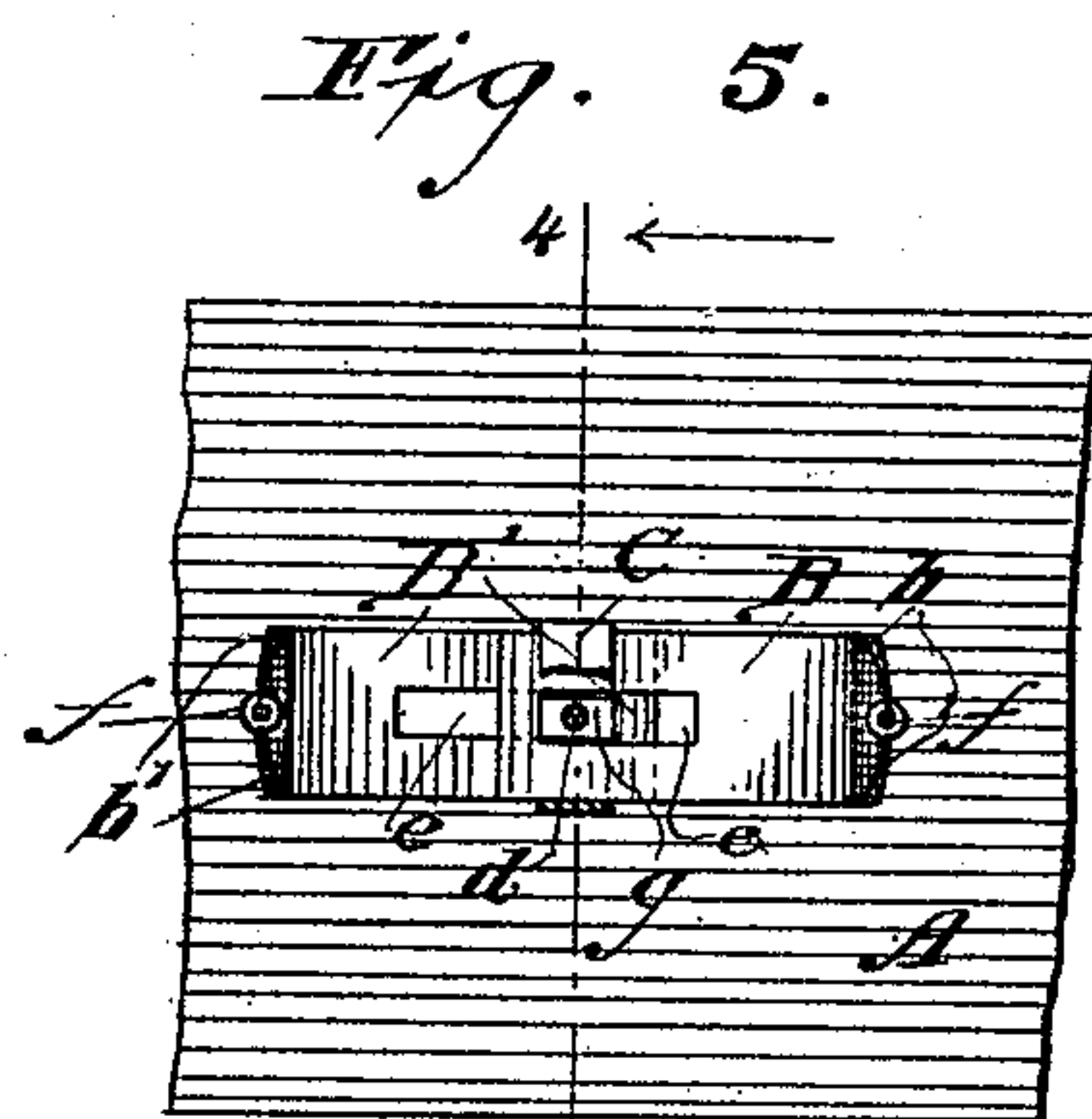
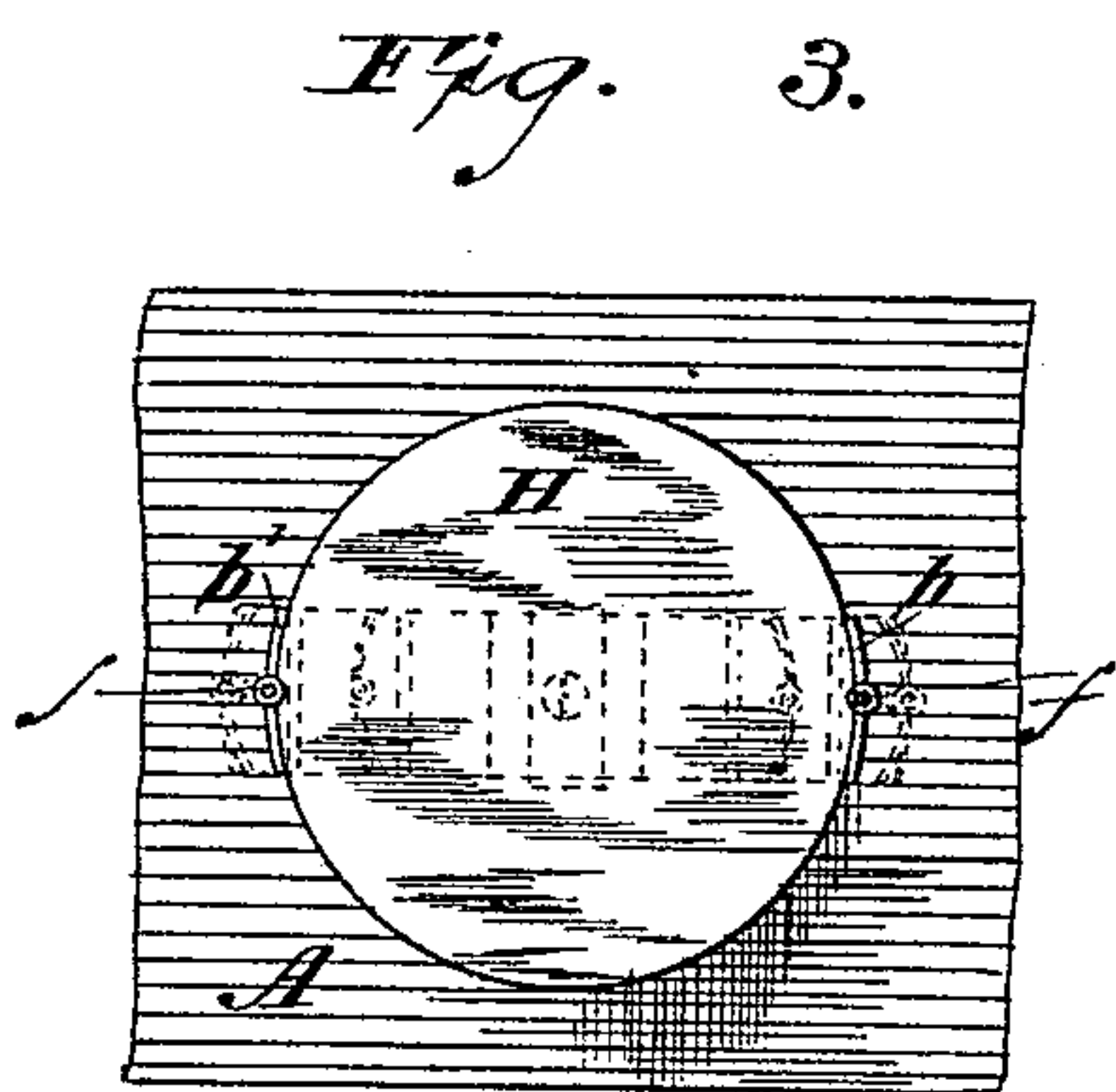
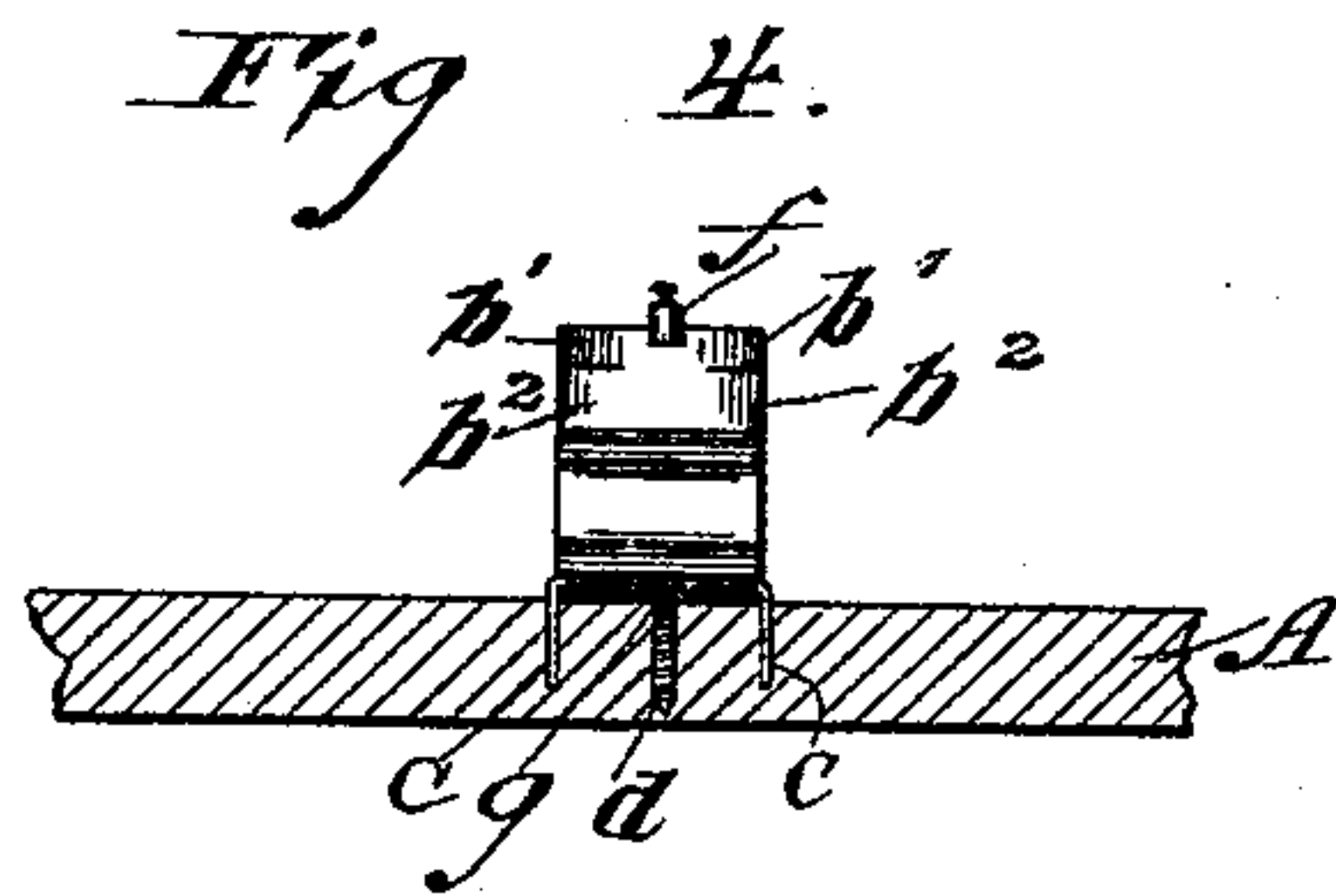
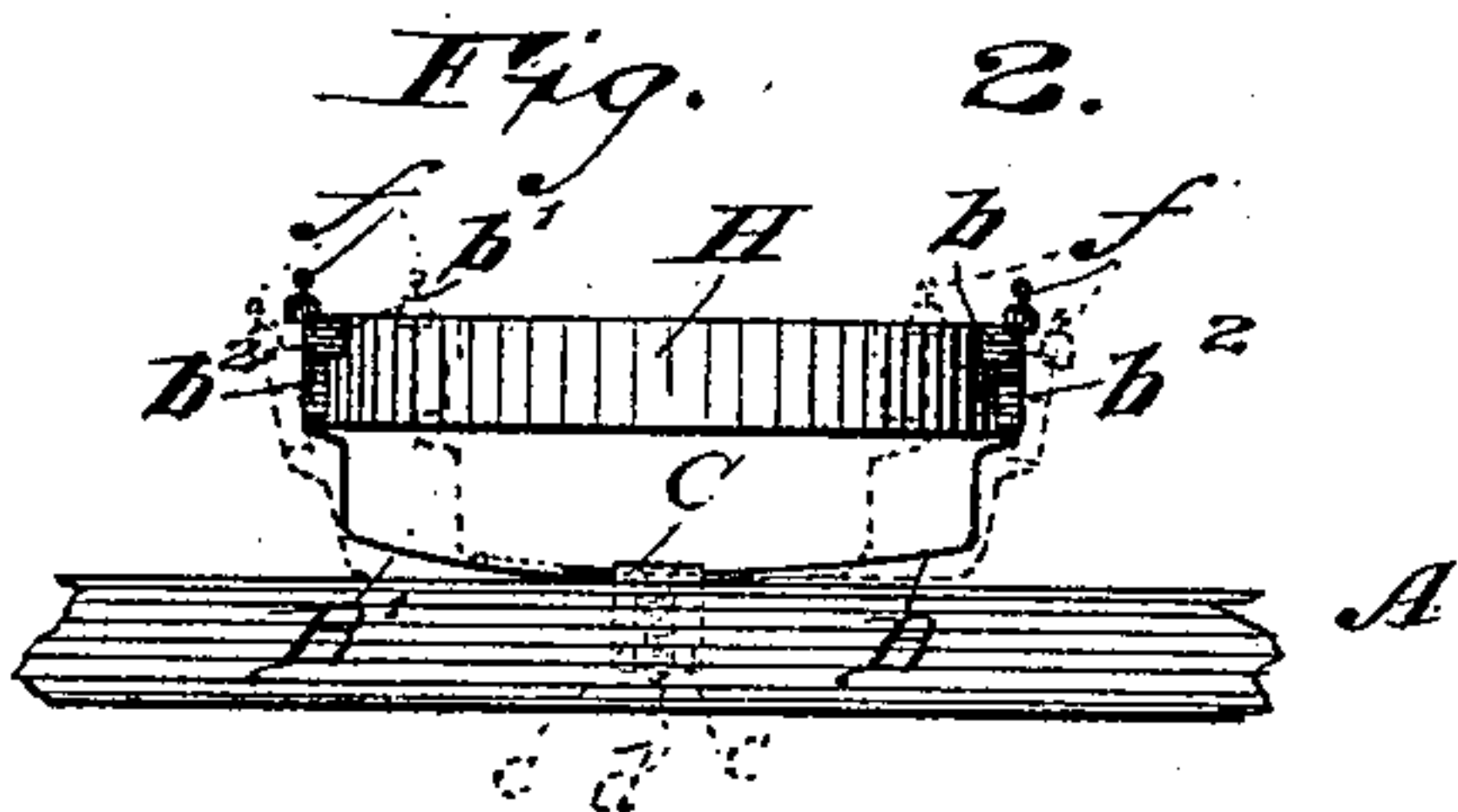
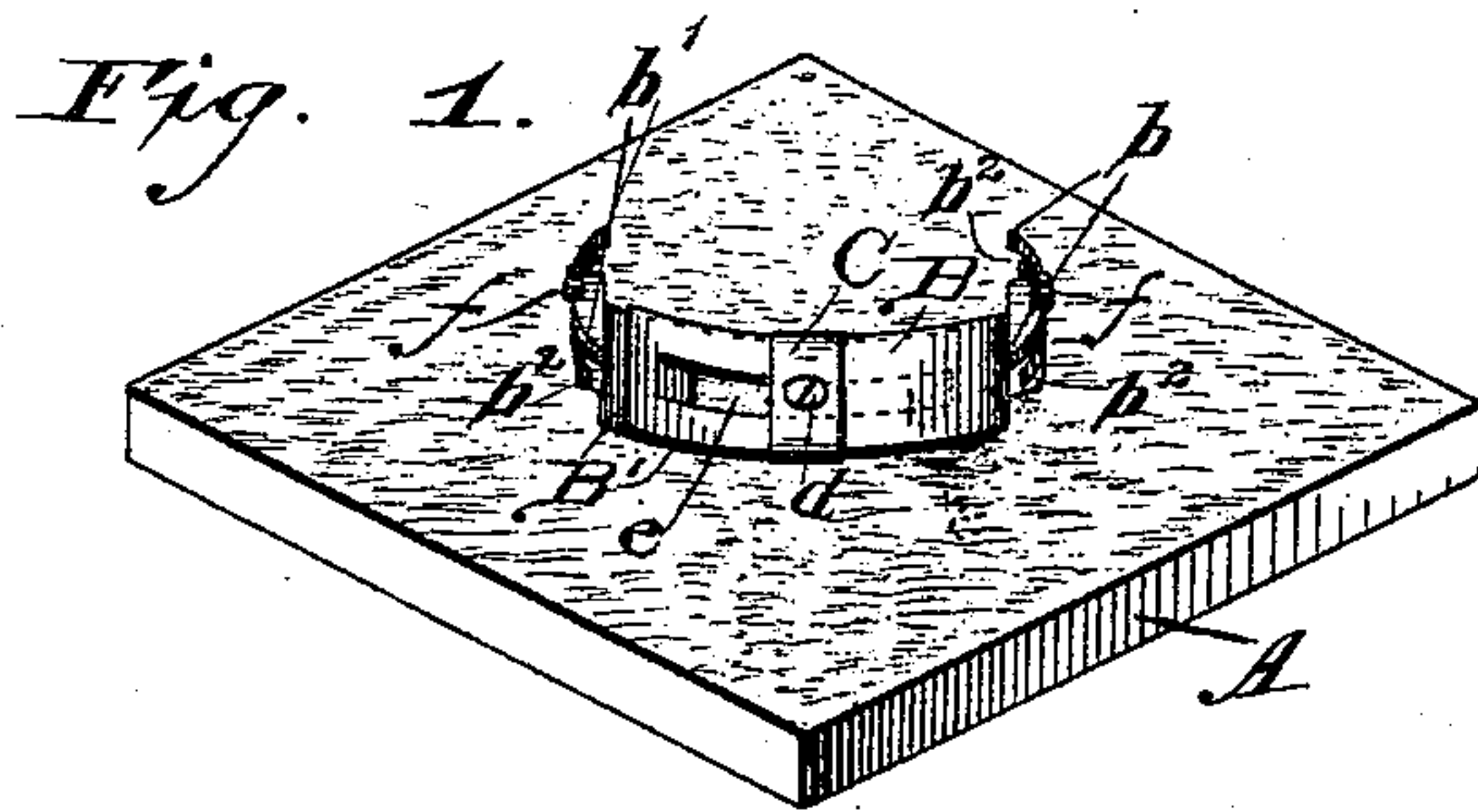


(No Model.)

E. ALLEN.  
WATCH MOVEMENT HOLDER.

No. 437,636.

Patented Sept. 30, 1890.



Witnesses  
Chas. E. Gorton.  
Leonard Vassall.

Inventor  
Edgar Allen.  
By his Attorney  
Cornelius R. Adams



# UNITED STATES PATENT OFFICE.

EDGAR ALLEN, OF CHICAGO, ILLINOIS, ASSIGNOR OF ONE-HALF TO MARY S. HEATH, OF BEEBE PLAIN, VERMONT.

## WATCH-MOVEMENT HOLDER.

SPECIFICATION forming part of Letters Patent No. 437,636, dated September 30, 1890.

Application filed January 20, 1890. Serial No. 337,439. (No model.)

*To all whom it may concern:*

Be it known that I, EDGAR ALLEN, a citizen of the United States, residing at 586 North Robey street, Chicago, in the county of Cook and State of Illinois, have invented a new and useful Watch-Movement Holder, of which the following is a specification.

My invention relates to improvements in adjustable watch-movement holders in which two (2) elastic pieces of metal sliding on or intersecting with each other operate in conjunction with a guard, screw, and small metal block; and the objects of my improvements are, first, to provide a sliding movement to the arms of the holder, so that they may be drawn out or contracted, so as to be readily adjusted to hold any size watch-movement; second, to provide elasticity or spring to the arms of the holder, so that it may be still more readily adjusted and firmly hold any size watch-movement; third, a guard and small metal block which prevents any rotary motion to the arms and allows them only an expansive and contractive movement so far as any rotary motion is concerned. I attain these objects by the device illustrated in the accompanying drawings, in which—

Figure 1 represents a perspective elevation of holder. Fig. 2 represents a side elevation of holder. Fig. 3 represents a plan view of Fig. 2. Fig. 4 represents a sectional view taken on line 4 4 of Fig. 5. Fig. 5 is a plan view with guard broken away to show my metal plate. Fig. 6 is a plan view of a watch-movement, showing it held in position by the wings or flanges. Fig. 7 represents a side elevation of holder containing the watch-movement.

Similar letters refer to similar parts throughout the several figures.

A is a tray or support, which contains, or on which rests or is mounted, one or more of the watch-movement holders. Upon this tray or plate is screwed, secured, or mounted my new holder.

B and B' are two (2) sliding plates or pieces of spring metal, one resting and sliding upon the other and each provided with a slot *e*. The ends of the plates B B' are bent up at right angles and then horizontally, and then

at right angles to form a ledge or rest  $b^2 b^2$ , the whole forming arms, as shown, the outer ends being formed with inwardly-bent lips or wings  $b b'$  and topped with a knob *f*.

C is a guard passing over or around both of the plates and having its ends *c c* sunk into or secured in the tray or support A. Passing through this guard C and through the slots *e* is a screw or rivet *d*, which is rigidly secured in or to the support or tray A.

Within the slot and underneath the guard is a small metal plate *g*, preferably the width of the slot, through which the screw or rivet *d* passes and holds it firm and secure. The object of this plate *g* is to prevent the plates B B' from having a side movement and to keep the same in a straight line.

The plates B and B' slide to and fro upon each other, their outer ends being moved to and from each other at will to correspond to the size of any watch-movement to be held, the extent of their movement being limited by the rivet *d* and guard C. The outer ends of the plates B and B' having a spring or elasticity enables the same to be bent to accommodate any size watch-movement and yet hold the same firm and secure.

The manner of operation is simple and self-evident from the drawings. The watch-movement to be held is placed on the ledge, the plates being slid apart a sufficient distance to accommodate the size of the watch-movement, the outer ends being pressed out by the fingers a little until the movement rests on the ledge, when the ends will spring back and hold the movement secure and firm.

This device affords a convenient and simple plan to hold watch-movements for display, and any number may be held and exhibited at the same time in one tray.

Having described my invention, what I claim as new, and desire to secure by Letters Patent, is—

1. In a watch-movement holder, the spring-adjustable sliding plates B B', having the slots *e e*, in combination with the tray A, guard C, and screw *d*, substantially as shown and described, and for the purpose set forth.

2. In a watch-movement holder, the slotted adjustable sliding plates B B', having the

ledge  $b^2 b^3$ , wings  $b b'$ , and knob  $f$ , in combination with the guard C, rivet  $d$ , and tray A, substantially as shown and described, and for the purpose set forth.

5 3. In a watch-movement holder, the plate  $g$ , in combination with the sliding adjustable slotted plates B B', the guard C, and screw  $d$ , substantially as shown and described, and for the purpose set forth.

10 4. In a watch-movement holder, the combi-

nation of the plate  $g$ , the adjustable slotted plates B B', having spring ends, the guard C, screw  $d$ , and tray A, all arranged and operating substantially as shown and described, and for the purpose set forth.

EDGAR ALLEN.

Witnesses:

WILLIAM BOSWELL,  
CHARLES P. SCOTT.