

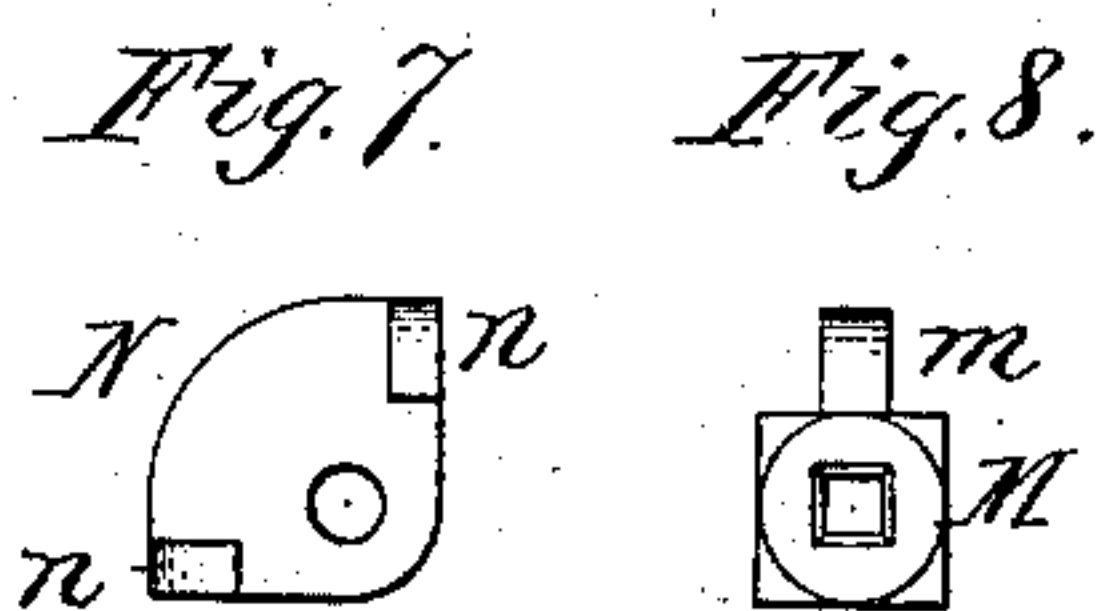
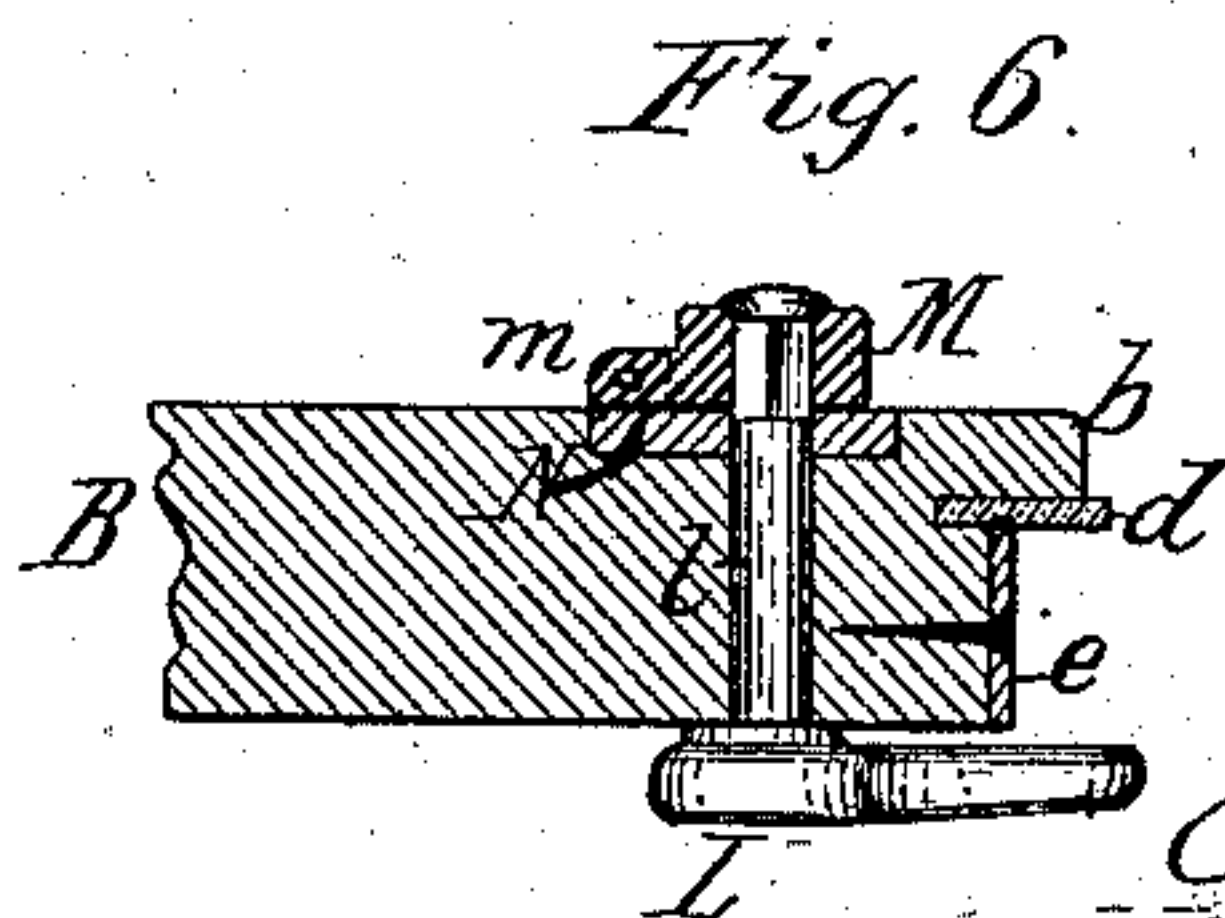
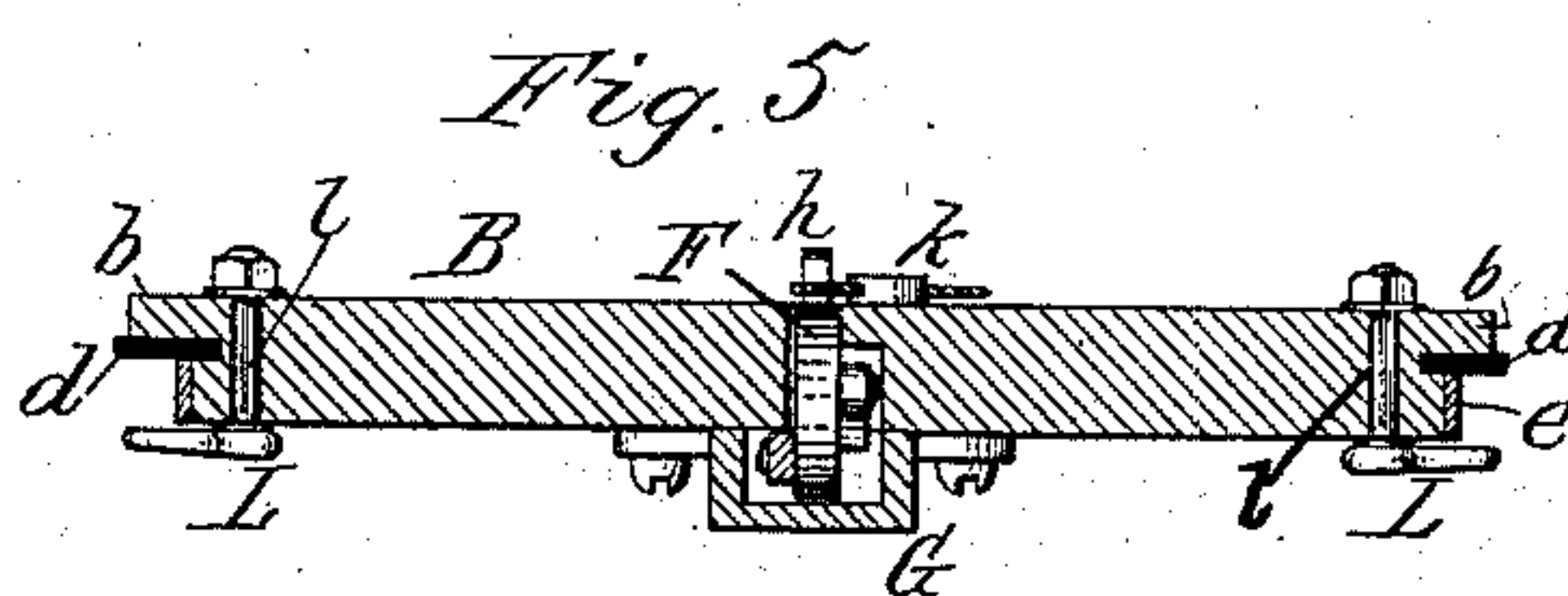
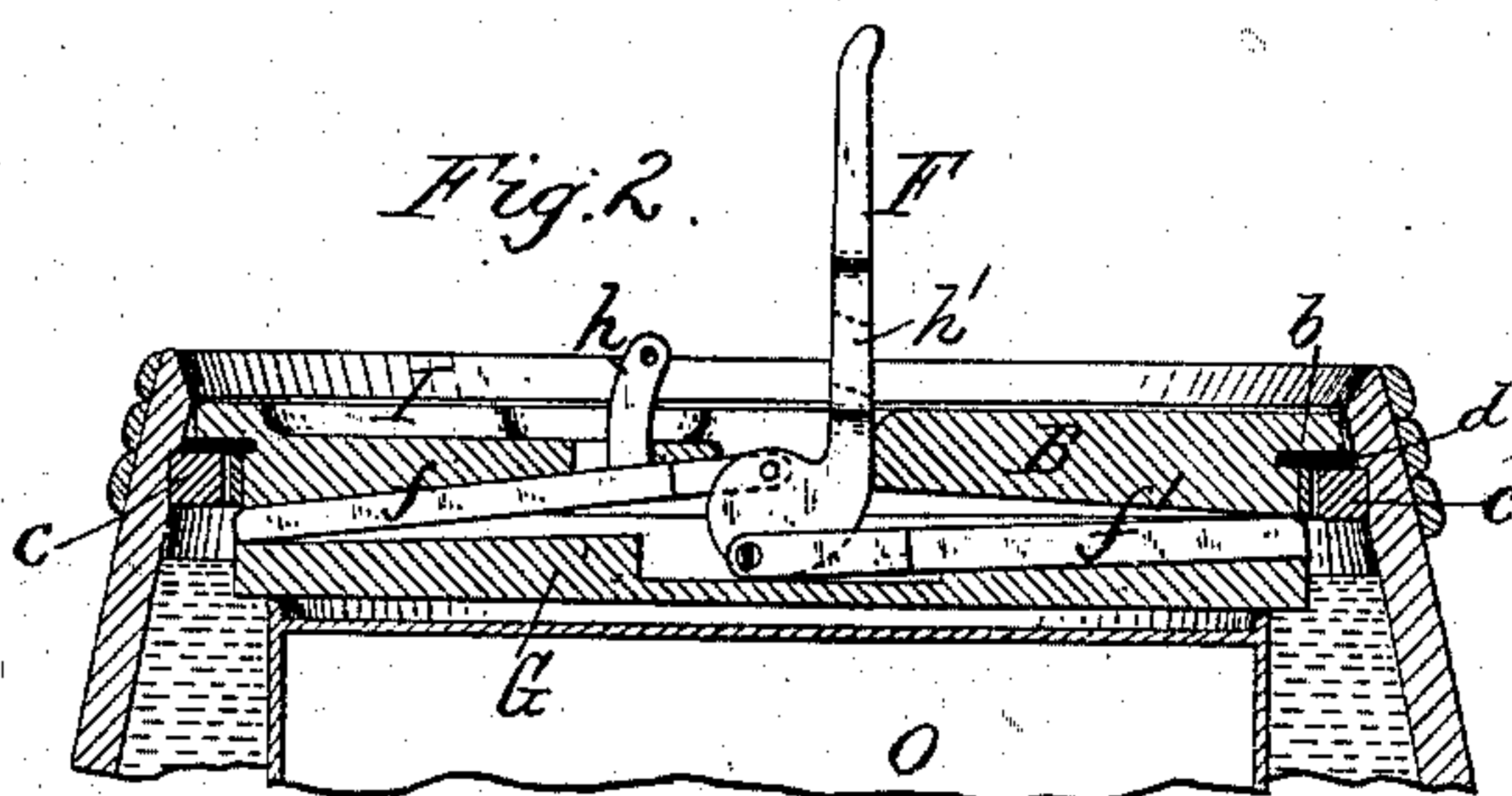
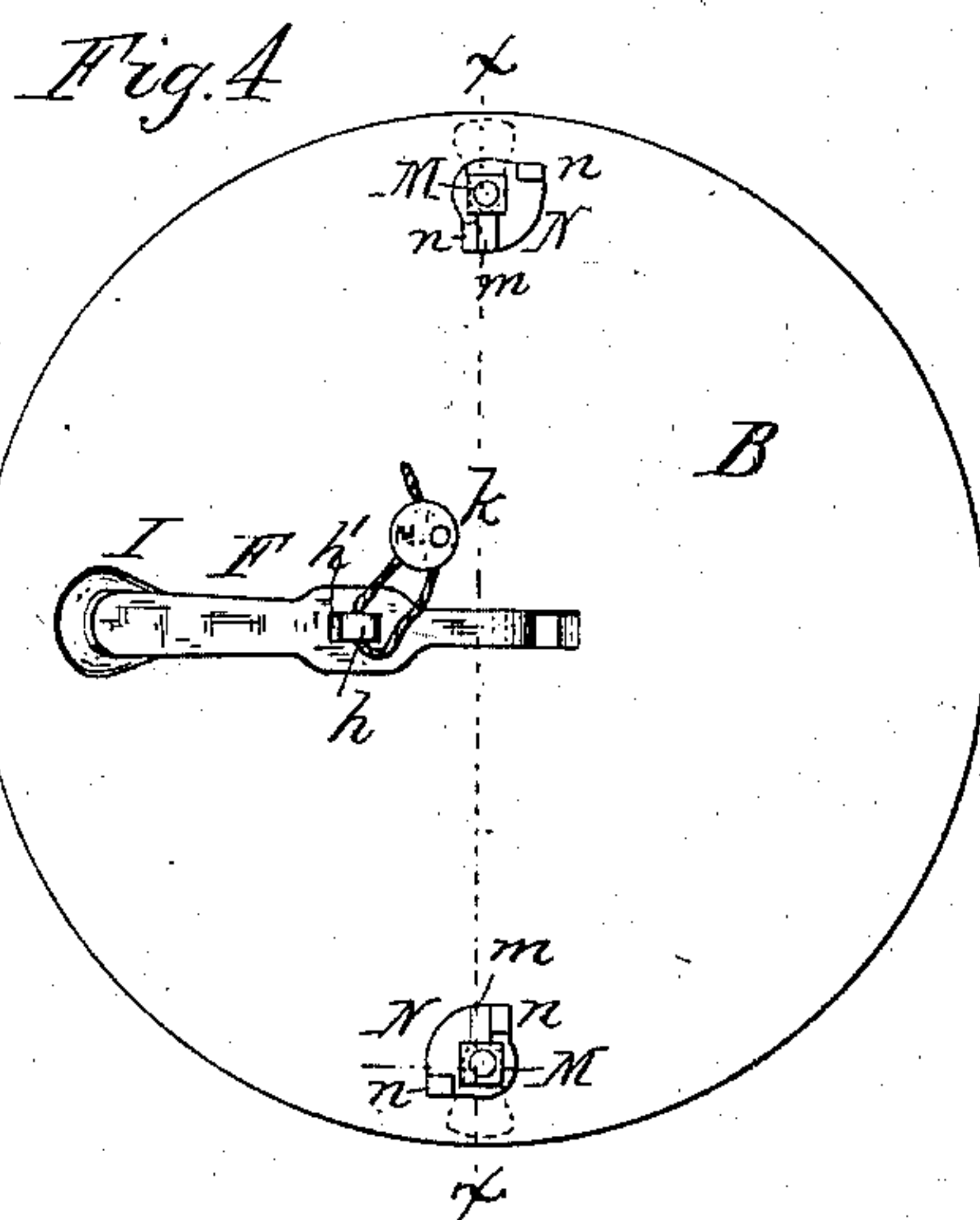
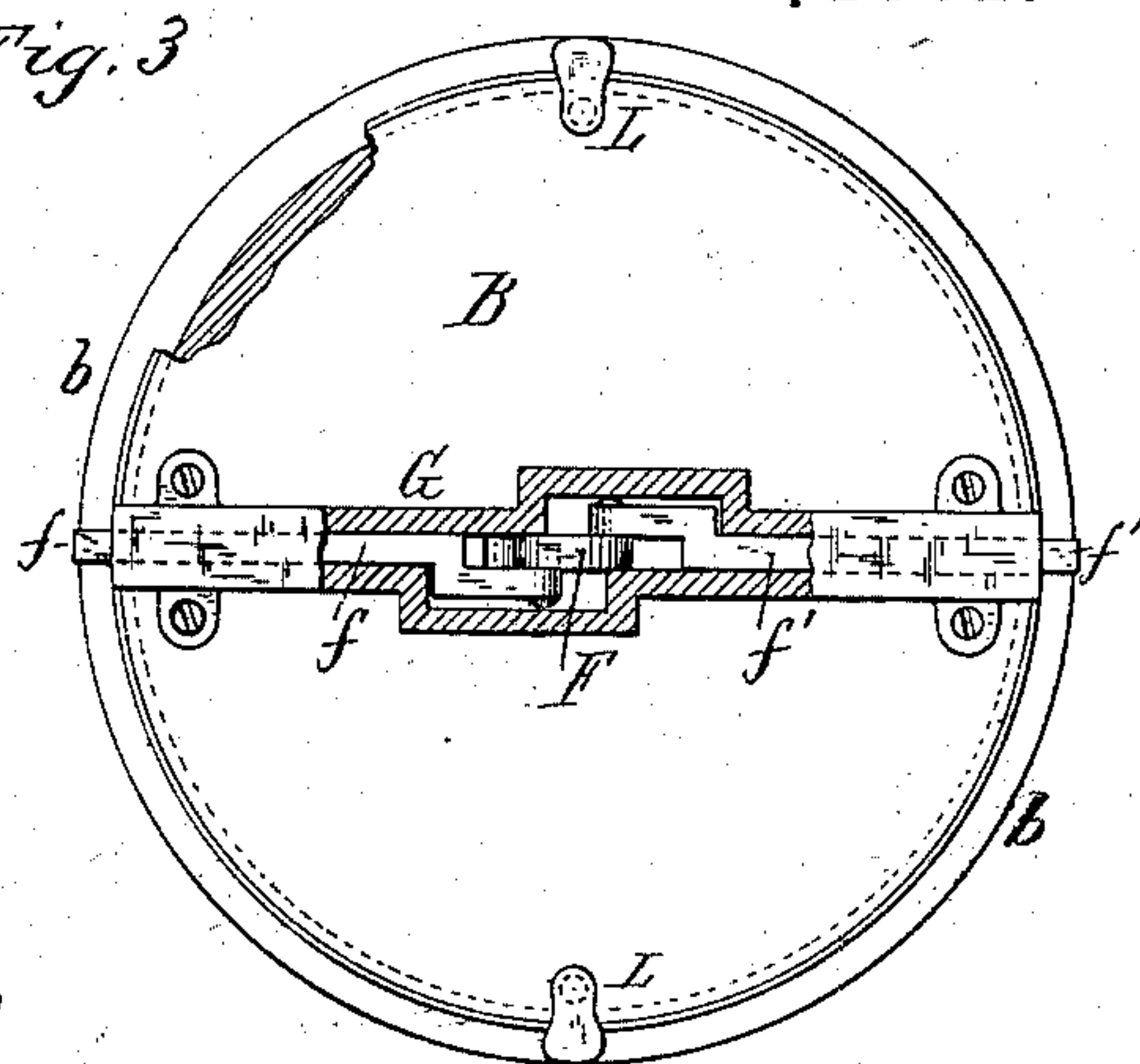
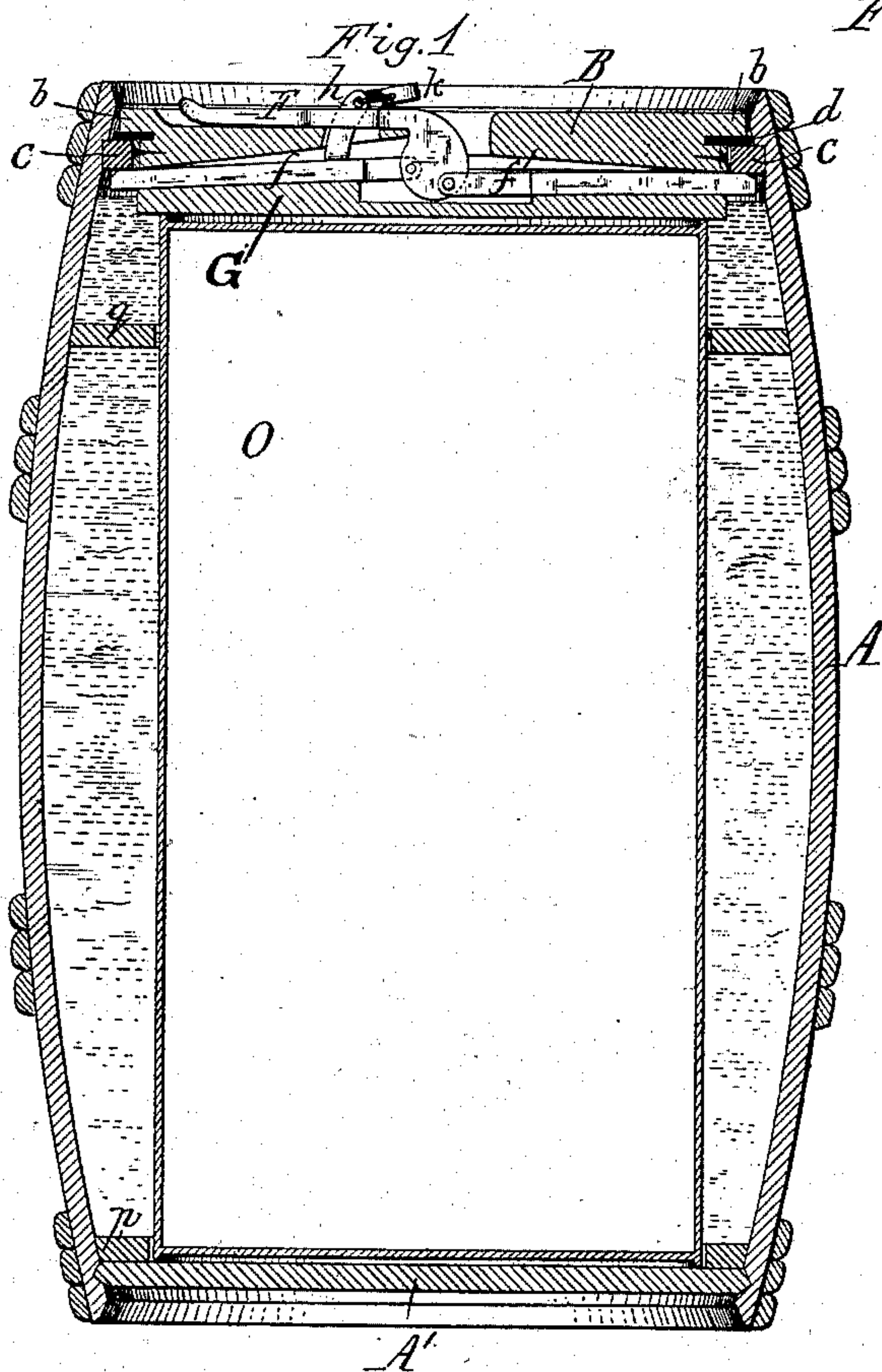
(No Model.)

C. L. POND.

PACKAGE FOR OYSTERS, &c.

No. 255,017.

Patented Mar. 14, 1882.



Chas. Buchheit.  
Edw. J. Brady. } Witnesses.

Chas. L. Pond Inventor.  
By Wilhelm & Bonner,  
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# UNITED STATES PATENT OFFICE.

CHARLES L. POND, OF BUFFALO, NEW YORK.

## PACKAGE FOR OYSTERS, &c.

SPECIFICATION forming part of Letters Patent No. 255,017, dated March 14, 1882.

Application filed November 25, 1881. (No model.)

*To all whom it may concern:*

Be it known that I, CHARLES L. POND, of the city of Buffalo, in the county of Erie and State of New York, have invented a new and useful Improvement in Packages for Oysters and other Perishable Articles, of which the following is a specification.

My invention relates to that class of barrels, tubs, or other vessels in which oysters and other similar perishable articles are packed and transported, and which are provided with a removable head or cover, which is taken off for the purpose of introducing and removing the articles into and from the package.

The first part of my invention relates to the construction of this removable head, and has for its object to so construct the removable head that it can be readily applied and removed, and that when applied it is sufficiently tight to prevent the escape of the contents of the package, and that it can be readily sealed, and that it has no projecting parts which would interfere with the handling and stowing of the package in transportation.

My invention consists, to that end, of the peculiar construction of the removable head and its locking mechanism, and of the peculiar construction of the barrel or package, whereby it is adapted to be used with such removable head, as will be hereinafter fully set forth.

In the accompanying drawings, Figure 1 is a sectional elevation of an oyster-package provided with my improvements, showing the removable cover locked in place. Fig. 2 is a similar view of the upper portion of the package, showing the cover unlocked and ready to be removed. Fig. 3 is a partly-sectional plan view of the removable cover. Fig. 4 is a top-plan view thereof. Fig. 5 is a vertical section in line *xx*, Fig. 4. Fig. 6 is an enlarged sectional view of one of the turn-buttons. Fig. 7 is a plan view of one of the plates by which the movement of the turn-buttons is limited. Fig. 8 is a top plan view of the head of one of the turn-buttons.

Like letters of reference refer to like parts in the several figures.

A represents the barrel, tub, or other vessel, constructed preferably of staves held together by hoops in the usual manner, and provided with a bottom, or lower head, A', which is firmly secured in place.

B represents the removable cover or head, which is applied to the upper end of the barrel or tub A.

*c* represents a ring or annular rim of rectangular cross-section, secured to the inner side of the barrel or tub, at a short distance from the upper end thereof, and which is adapted to support the edge of the removable head B, and forms shoulders against which the locking mechanism engages. The ring *c* is arranged in a recess having the form of a right angle with its two sides arranged respectively horizontally and vertically, whereby a large and firm bearing-surface is afforded for the ring *c*. The latter is preferably constructed of a strip of wood bent to a circular form, and of sufficient length to fill the recess, and is introduced into the recess by compressing it so that its ends overlap each other, and after it has passed below the shoulder formed in the barrel by the recess it is permitted to expand into the recess, and is secured therein by nails or other suitable means. The removable head B is constructed with a projecting edge or rim, *b*, which is provided on its under side with a packing-ring, *d*, of rubber or other suitable material, and which rests upon the ring *c*. The packing-ring *d* is arranged in a groove in the head B, in which it is secured preferably by means of a metallic hoop or band, *e*, which is applied to the outer side of the body of the head B, and which impinges with its upper edge against the packing-ring *d*, as indicated in Fig. 6. The hoop *e* serves at the same time to prevent the head B from warping.

*ff'* are two sliding bolts, which are arranged in recesses on the inner side of the head B and connected with their inner ends to a lever, F, which extends outward through an opening in the head B. The inner end of the lever F, to which the inner ends of the sliding bolts *ff'* are attached, resembles a circular disk, and the bolts are connected to such disk on opposite sides of its center, so that by swinging the outer end of the lever F in one or the other direction the bolts will be moved in opposite directions.

G represents a casing of wood or metal secured to the under side of the head B, and enclosing the sliding bolts *ff'*, the ends of the casing being provided with openings through which the sliding bolts protrude and in which



the bolts fit snugly. The sliding bolt *f* is provided with an upwardly-projecting tongue, *h*, and the lever *F* is provided with an opening, *h'*, which permits the tongue *h* to project through the lever *F* when the latter is closed down on the head *B*, as represented in Figs. 1 and 4. The head *B* is provided on its upper side with a recess or depression, *I*, in which the lever *F* rests when it is closed down. When the bolts *ff'* are retracted, as shown in Fig. 2, the head *B* can be inserted into the open end of the barrel *A*, with its rim *b* resting upon the ring *c* of the barrel. By closing the lever *F* down upon the head *B* the sliding bolts are projected under the ring *c*, thereby drawing the rim *b* of the head *B* tightly against the outer side of the ring *c* and locking the head in the barrel. A wire is then drawn through the opening in the end of the tongue *h* above the lever *F*, and its ends are connected by a metallic seal, *k*, whereby the lever *F* is firmly secured in place.

*L* *L* represent two turn-buttons, arranged on the under side of the head *B*, at right angles to the bolts *ff'*, and adapted to engage against the under side of the ring *c* of the barrel. The buttons *L* are each attached to a bolt, *l*, which projects upward through the head *B*, and is provided above the same with a head, *M*, having a nose, *m*. The head *M* turns on a plate, *N*, which is seated in a recess formed in the head *B*, whereby the plate *N* is prevented from turning. The plate *N* is constructed with two projecting stops, *n*, arranged at right angles to each other, and the nose *m* of the head *M* swings between the stops *n*, and the movement of the turn-button is thereby limited to a quarter-turn. By turning the buttons *L* so as to project under the ring *c* of the barrel an additional fastening is given to the head *B*. The nose *m* and that stop *n* against which the nose rests when the turn-button is projected under the ring *c* are provided with perforations, through which a wire can be drawn for the purpose of attaching a seal, whereby an additional security is furnished against the opening of the package.

*O* represents a can, of tin or other suitable material, arranged within the barrel or tub *A* and resting on the bottom *A'* thereof. The latter is provided on its upper side with a rim, *p*, which surrounds the lower end of the can *O* and holds the same against lateral movement.

*q* represents a horizontal ring, which is secured to the inner side of the barrel *A* and surrounds the upper portion of the can and holds the same in place. The removable head *B* bears upon the upper end of the can and prevents the latter from moving vertically within the barrel. The space between the can

and barrel or tub is filled with brine or ice or any other suitable refrigerating mixture, whereby the contents of the can are preserved.

It is obvious that the rim *b* of the removable head *B* may rest upon the upper end of the barrel or tub, instead of the ring *c*, when the latter serves merely to form a shoulder, under which the fastening devices engage. In this case the ring need not extend all around the inner surface of the barrel, but may be replaced by ring-sections of sufficient length to hold the locking devices.

I claim as my invention—

1. The combination, with a barrel or tub, *A*, of a ring, *c*, composed of a strip of wood made of uniform cross-section throughout its length, and sprung into a recess of suitable shape formed in the barrel or tub near its end, substantially as set forth.

2. The combination, with a barrel or tub, *A*, provided on its inner surface, near its end, with a projecting ring, *c*, of a removable head, *B*, resting upon the ring *c*, and fastening devices applied to the under side of the head and adapted to be projected under the ring *c* for securing the head and to be retracted for releasing the head, substantially as set forth.

3. The combination, with a barrel or tub, *A*, provided with a ring or shoulder, *c*, of a removable head, *B*, provided with sliding bolts *ff'*, attached to the under side of the head and adapted to engage with their outer ends under the ring *c*, and a lever, *F*, to which the inner ends of the bolts *ff'* are connected and whereby both bolts are moved in opposite directions, substantially as set forth.

4. The combination, with the removable head *B*, of the sliding bolts *ff'*, one of which is provided with a projecting tongue, *h*, and the lever *F*, having an opening, *h'*, substantially as set forth.

5. The combination, with the removable cover *B*, constructed with a projecting rim, *b*, of a packing-ring, *d*, applied to the under side of the rim *b*, and a hoop, *e*, which surrounds the lower contracted portion of the cover, and bears with its upper edge against the packing-ring *d*, and secures the latter in place, substantially as set forth.

6. The combination, with the cover *B*, of a turn-button, *L*, secured to a bolt, *l*, having a head, *M*, provided with a nose, *m*, and a plate, *N*, secured to the cover *B*, and provided with stops *n*, between which the nose *m* swings, substantially as set forth.

CHAS. L. POND.

Witnesses:

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EDW. J. BRADY.