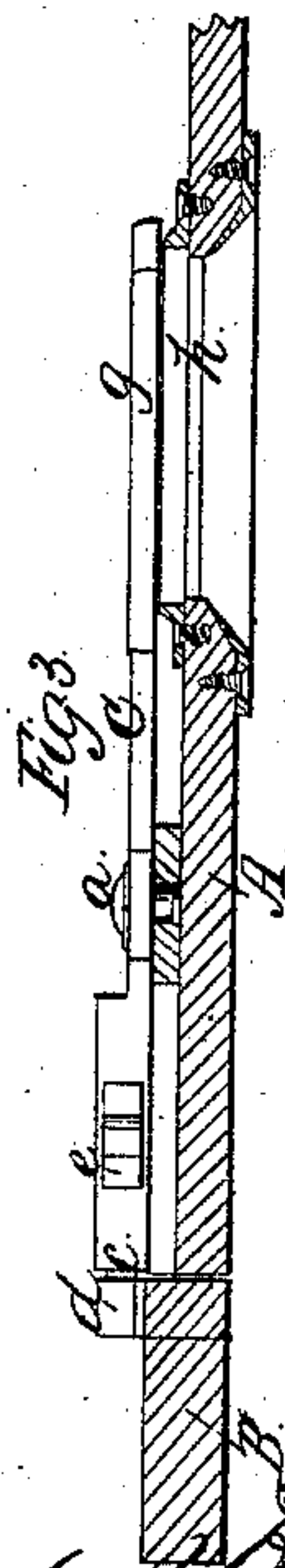
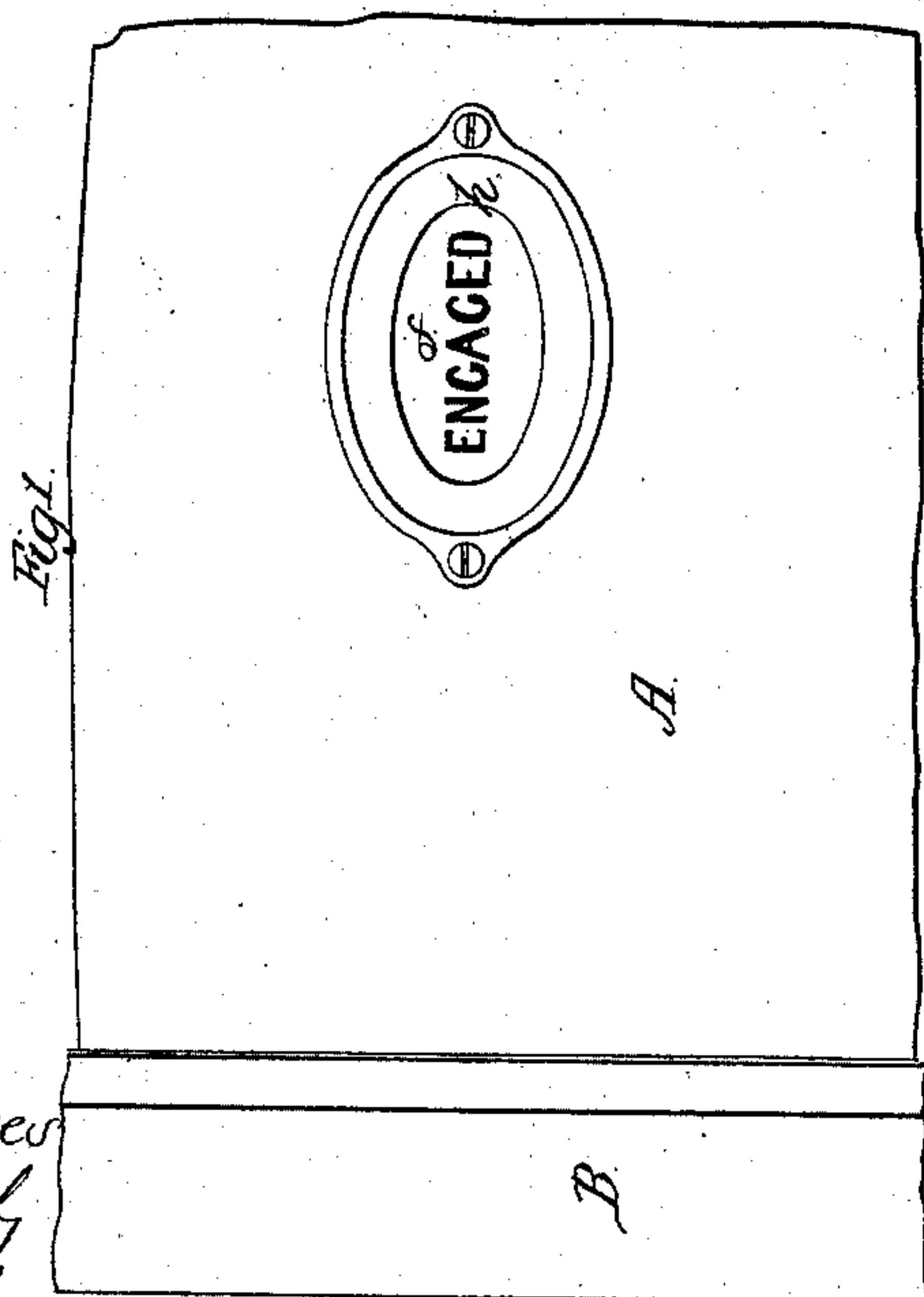
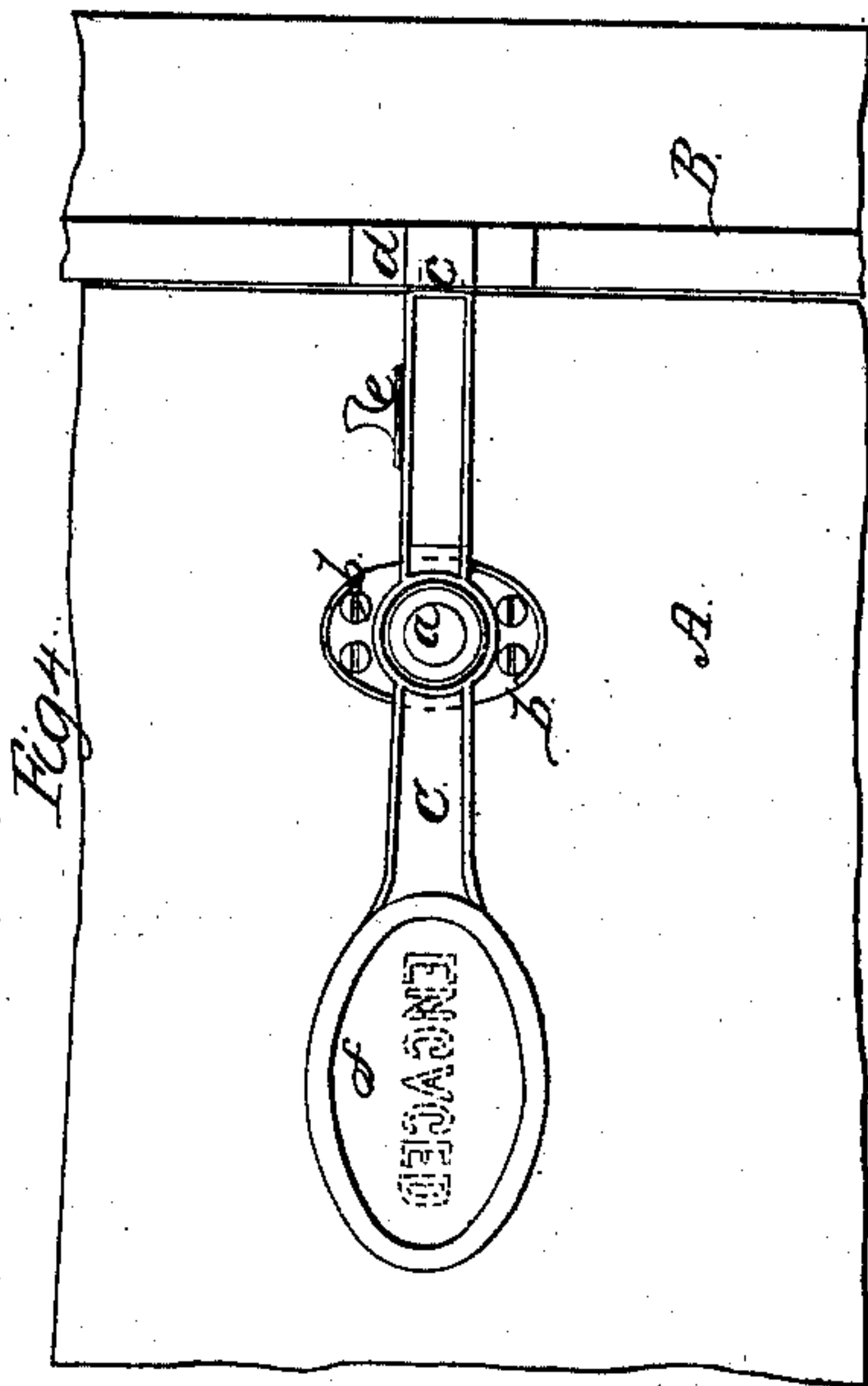
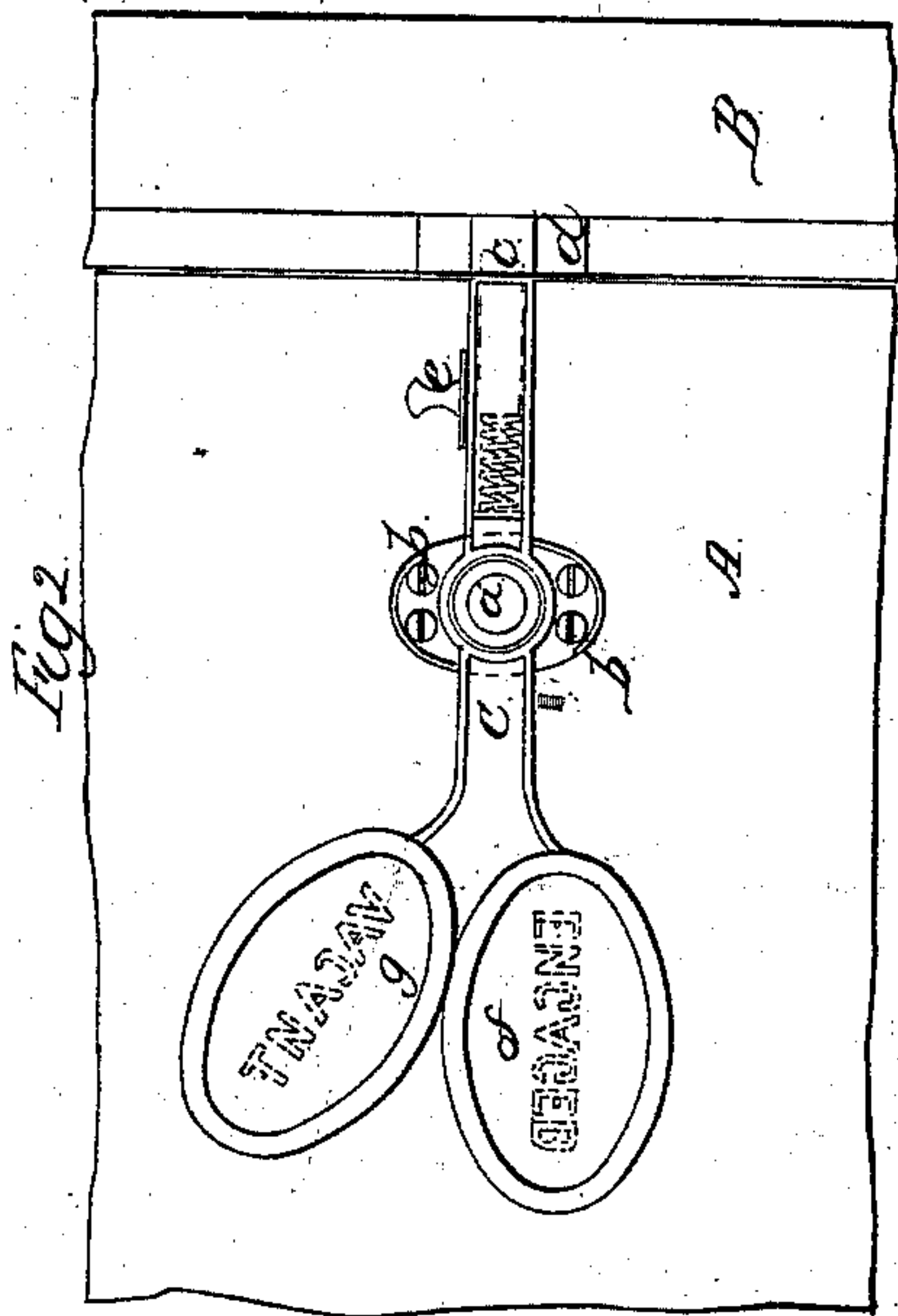


H. K. Taylor, Water-Closet Indicator.

N^o 68,129.

Patented Aug. 27, 1867.



Witnesses
J. W. Combs
Geo. Reed

Inventor,
H. K. Taylor
per Brown Combs & Co

United States Patent Office.

HENRY KINDON TAYLOR, OF LONDON, ENGLAND.

Letters Patent No. 68,129, dated August 27, 1867; patented in England, April 20, 1865,

INDICATOR FOR WATER-CLOSETS.

The Schedule referred to in these Letters Patent and making part of the same.

TO ALL WHOM IT MAY CONCERN:

Be it known that I, HENRY KINDON TAYLOR, of King street, Covent Garden, in the county of Middlesex, and Kingdom of Great Britain, have invented certain new and useful improvements in Indicators and Fastenings for Water-Closets and other purposes, of which the following is a full, clear, and exact description, reference being had to the accompanying drawing, forming part of this specification, and in which—

Figure 1 represents an exterior view of portion of a door and its jamb. with my improvement applied to it.

Figure 2, an interior view thereof.

Figure 3, a horizontal section of the same, and

Figure 4 an interior view, showing a modification of my improvement.

Like letters indicate corresponding parts throughout the several figures.

It is well known that delicate and nervous persons experience considerable annoyance from the frequent difficulty which arises in ascertaining whether a closet or other private room is occupied or not, and also, when occupying the same, in being subject to the attempts of others to enter the same; and the nature of my invention consists in the application of an indicator or signal to such room or places, and so combined or connected with the fastening to the door thereof as that the placing or setting of the indicator or signal may be rendered compulsory on the part of the person when entering a closet or other private room; also, preferably, whereby the removal or withdrawal of the signal or indicator is self-acting on the person opening the door to leave the closet or room, by which means it can at all times be ascertained whether a closet or other private room is occupied, without trying whether the door is fastened or not.

A simple mode of carrying out my invention consists in mounting a sliding door, shutter, or screen in a suitable frame, to close an aperture or window formed in the door, wall, or other part of a closet, or other private room or place to which my invention is applied. When the closet or room is unoccupied, the sliding-door, screen, or shutter is kept back by an India-rubber spring, or by other means, so as to uncover the aperture or window, through which the interior can be seen. To the sliding-door or shutter a catch, latch-bolt, or other fastening is applied, which is the means employed for fastening the door of the room or closet when occupied, the act of fastening the door being also the means of closing the aperture or window by closing or drawing the screen or shutter over it, the word "engaged," or other suitable device thereon, indicating to those outside that the place is occupied. The unfastening of the bolt, also, when the room is unoccupied, may, if desired, be made similarly to display the word "vacant," "disengaged," or other suitable device.

I would remark that I do not confine myself to the precise arrangements herein described, as various contrivances, substantially of similar character, or in accordance with the principle of my invention, may be adopted for indicating the occupation or otherwise of such closets or rooms. The accompanying drawing, however, will suffice to show how this, my invention, may be carried into effect.

Referring, firstly, to figs. 1, 2, and 3, A represents portion of a closet or room door, and B its jamb. Pivoted, say, to the inside of the door, as at *a*, is a lever, C, working within or swinging between rim projections or stops *b*, and carrying at its one end a sliding-catch or bolt, *c*, preferably shot by a spring into lock with a socket-plate, *d*, in the jamb, on closing to the door, and drawn out of lock when unfastening to open the door by means of a slide, *e*. The opposite end of this lever C carries indicating plates or transparencies *f g*, having on them, say, the words "engaged" and "vacant," either one of which is brought over an aperture or window, *h*, in the door, accordingly as the latter is fastened or unfastened, the closing of the door and shooting of the bolt into lock exposing the word "engaged," while the unfastening of the bolt, causing the lever at its signal end to drop, displays the word "vacant." In fig. 4 is shown substantially the same construction, similar parts being referred to by like letters, but the lever C is here shown to carry only one indicating plate, *f*, with the word "engaged" upon it, which is displayed through the window or aperture on the bolt being shot to fasten the door, but drops and is clear from exposure on unfastening the same, so as to indicate that the closet or room is unoccupied. Any suitable form of fastening or bolt may be used, and the indicator operated by it be differently hung and arranged.

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

The combination, with the latch, bolt, or fastening to the door, of an indicator made visible from the exterior by the action of the fastening, substantially as and for the purpose or purposes herein set forth.

HENRY K. TAYLOR.

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