

No. 624,080.

Patented May 2, 1899.

C. H. PEASE.
SHUTTER FASTENER.

(Application filed Dec. 2, 1897.)

(No Model.)

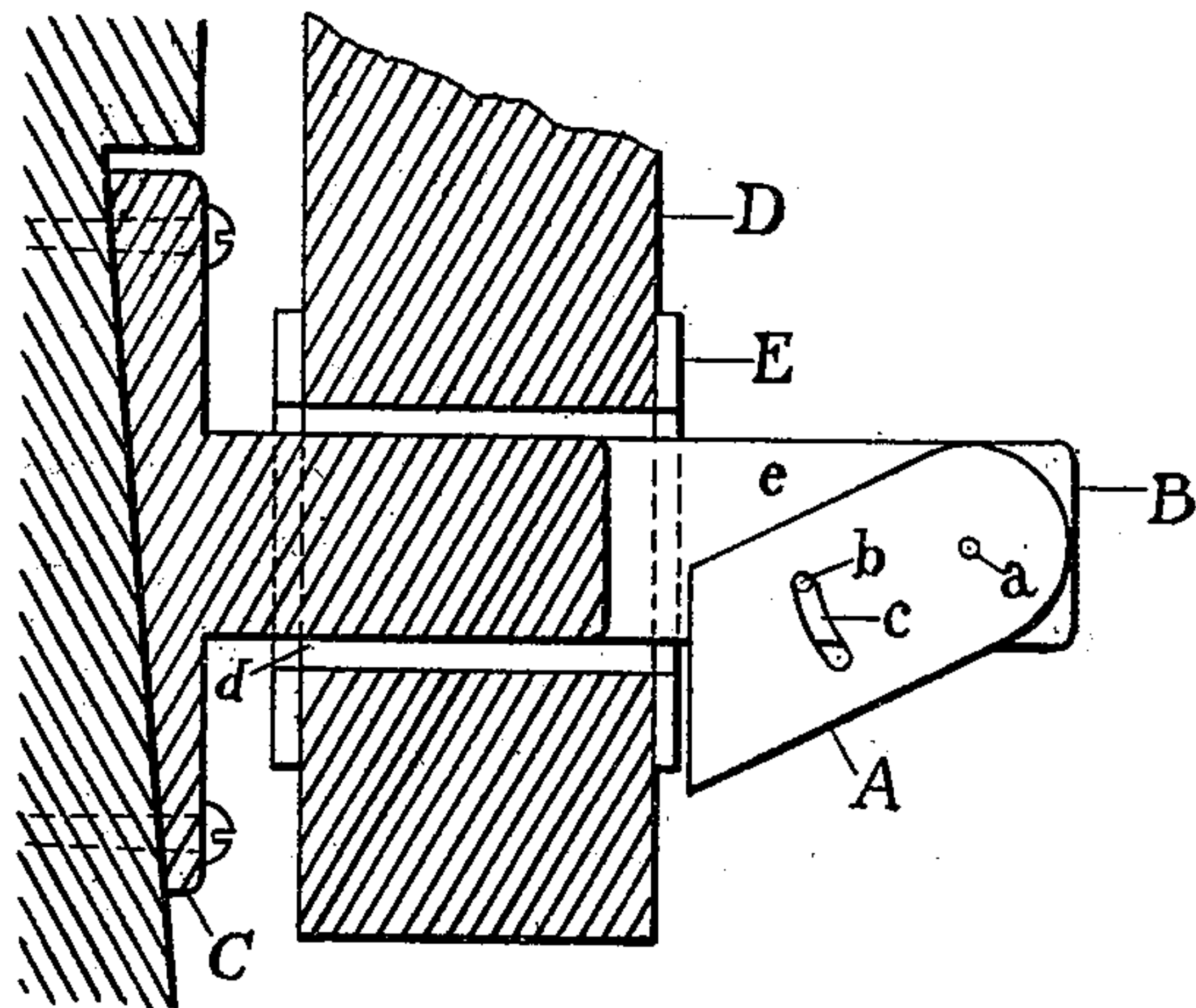


FIG. 1.

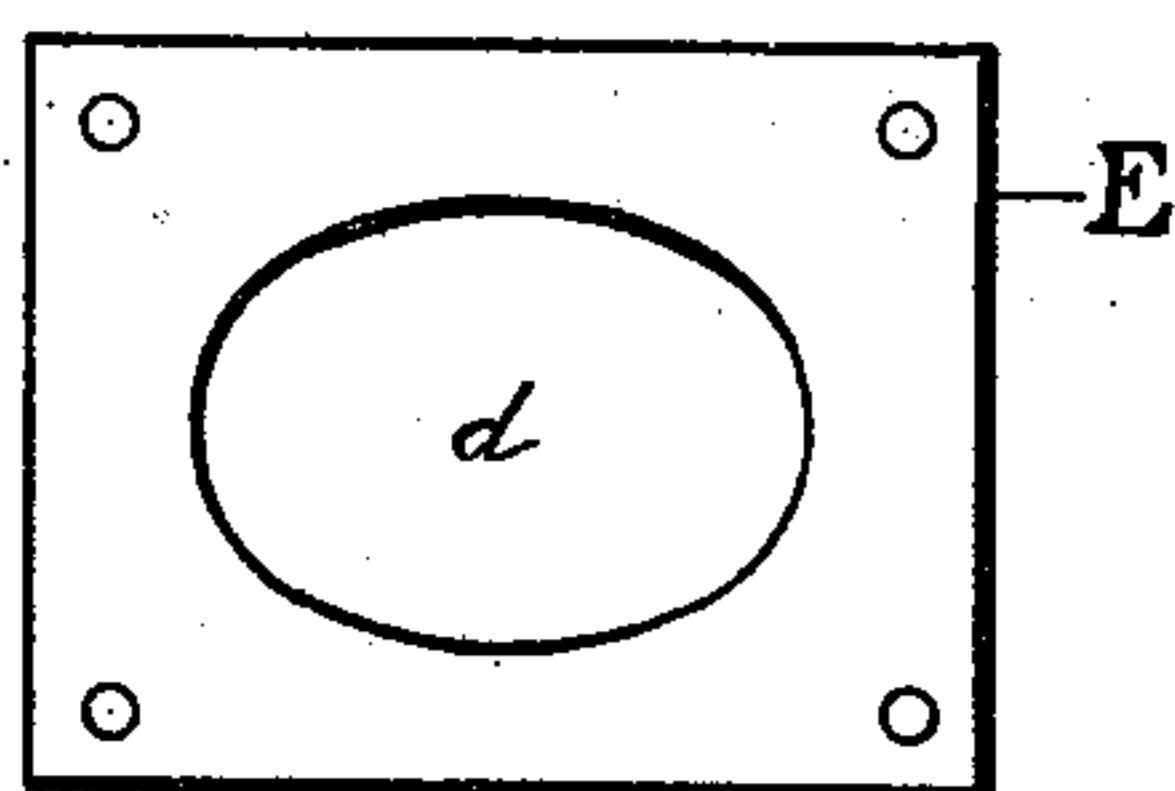


FIG. 2.

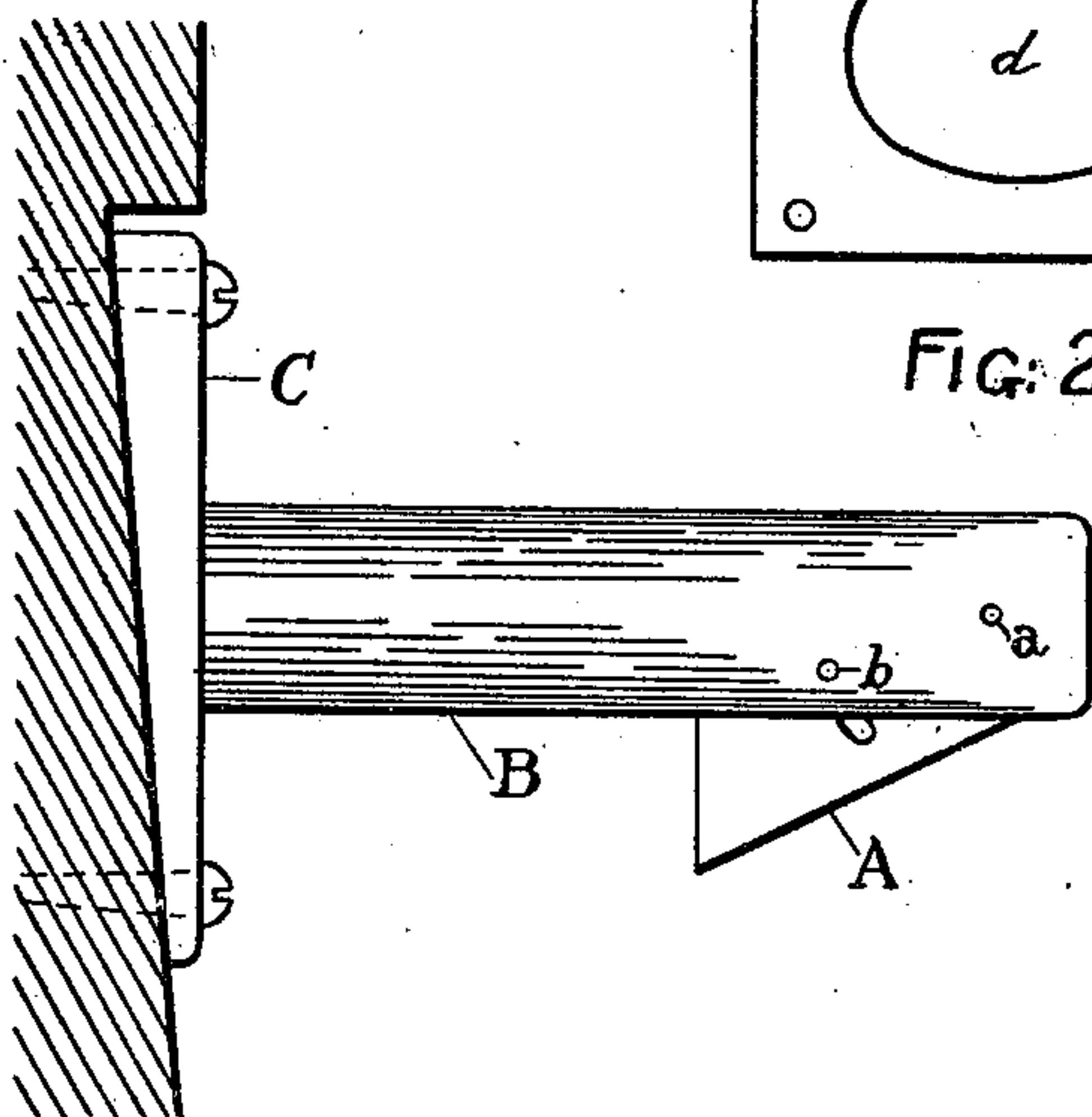


FIG. 3.

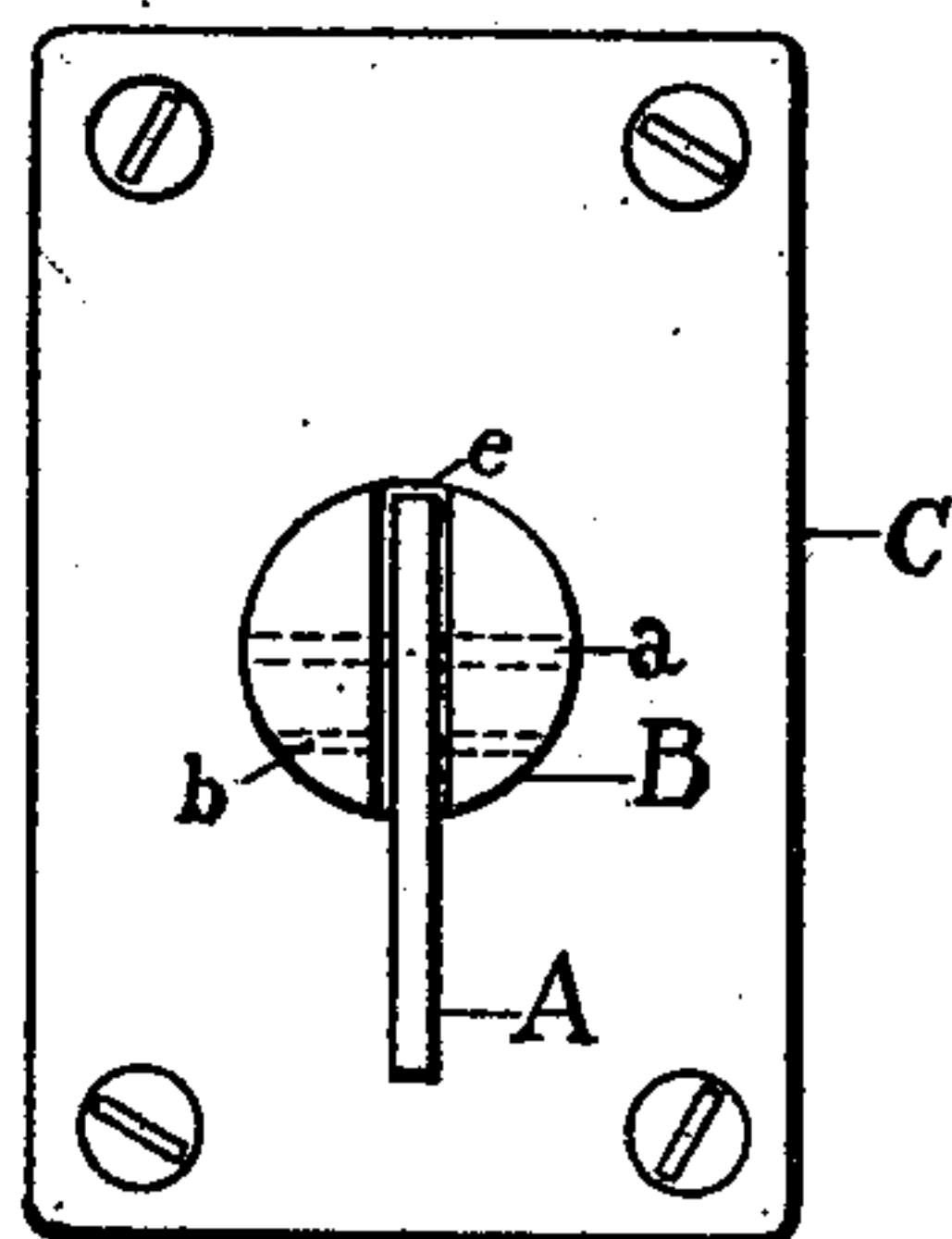


FIG. 4.

WITNESSES

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CHARLES H. PEASE, OF ATLANTIC CITY, NEW JERSEY.

SHUTTER-FASTENER.

SPECIFICATION forming part of Letters Patent No. 624,080, dated May 2, 1899.

Application filed December 2, 1897. Serial No. 660,461. (No model.)

To all whom it may concern:

Be it known that I, CHARLES H. PEASE, a citizen of the United States, residing at Atlantic City, in the county of Atlantic and State of New Jersey, have invented a certain new and useful Shutter-Fastener, of which the following is a specification.

My invention relates to shutter-fasteners of the self-catching type, which after the shutter has passed fall into position to secure it.

The object of my invention is to provide a fastener of the simplest construction and having its essential parts all in one piece; one that is easy of attachment and, working automatically without springs, will at once secure the shutter and prevent its being swayed to and fro by the wind. I attain these objects by the construction and combination of parts which are illustrated in the accompanying drawings, in which—

Figure 1 is a detailed drawing of the transverse section, showing the fastener in position with the shutter open. Fig. 2 is a guard or striking plate to protect the opening made in the shutter. Fig. 3 is a side view showing the fastener as it is secured to the side of a house or wall with the tongue projecting below. Fig. 4 is a front view of the fastener.

Similar letters of reference are used to denote similar parts throughout the several views.

The tongue A, Fig. 1, having a vertical guide-slot *c*, is pivoted in a post B at *a* in the transverse opening *e*, which extends a portion of the length of the post B and is held in position by a pin *b* passing through the post B and the guide-slot *c* of the tongue A, which retains the tongue A in a protruding position and prevents it from swinging completely out of the post B through the opening *e*. It thus acts as a latch.

The post B is secured to the side of the house or wall by screws inserted through the plate C, which is made to conform to the weather-boarding of a frame house.

An opening *d* a little larger than the post B is made in the shutter D and protected by the guard or striking plates E. As the shutter swings open the post B passes into and through the opening *d*, and while doing so raises the tongue A until the shutter has

passed the tongue A, when it drops of its own weight into position, and thus secures the shutter. The shutter may be released by raising the tongue and drawing the shutter forward.

It will be observed that the essential elements of my invention are all contained in the fastener proper—that is to say, in one piece of apparatus.

This fastener fills a want that has been much felt in the coast cities, its simplicity exposing no complicated parts to the oxidizing effects of the salt air, and yet guaranteeing satisfactory holding power in the heaviest blow. It is cheap to manufacture and may be sold at a figure that makes it widely available.

I am aware that it has been proposed to use a post extending through the shutter and a latch of some sort on the shutter to cooperate therewith; but such devices cannot be trusted, nor are they durable. The violent shaking or banging of the shutter tends to unlatch the devices and also to tear the latch loose. In my fastener it is observed that all the essential parts, including the latch, are firmly and immovably attached to the house and not on the shutter, avoiding these difficulties.

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

The combination of the base-plate C fixed rigidly upon the side of a building; the post B, of substantially cylindrical shape, made integral with the base-plate, and slotted as at *e*, for a portion of its length; the latch or tongue A, pivoted at *a* and having a limiting-pin and slot *b, c*; the shutter or door D, hinged at one side of the base-plate, apertured as at *d*; and fitted with striking-plates E E, the latter having elongated apertures registering with the aperture *d*, and with their greater diameter lying in the plane of rotation, whereby the easy passage of the post is permitted while a close holding of the latch is assured, substantially as described.

CHARLES H. PEASE.

Witnesses:

HAROLD F. ADAMS,
GEORGE A. CRAWFORD.