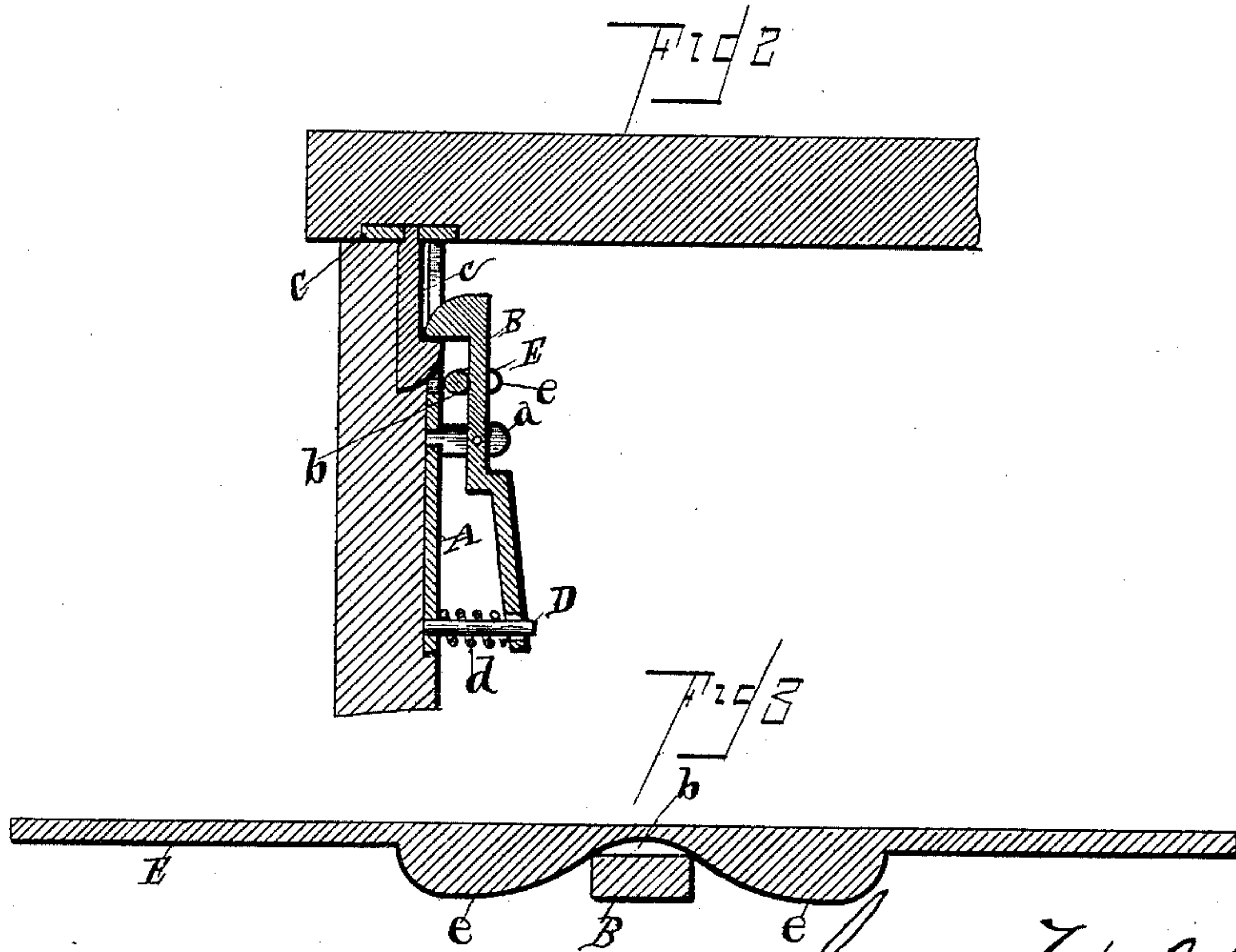
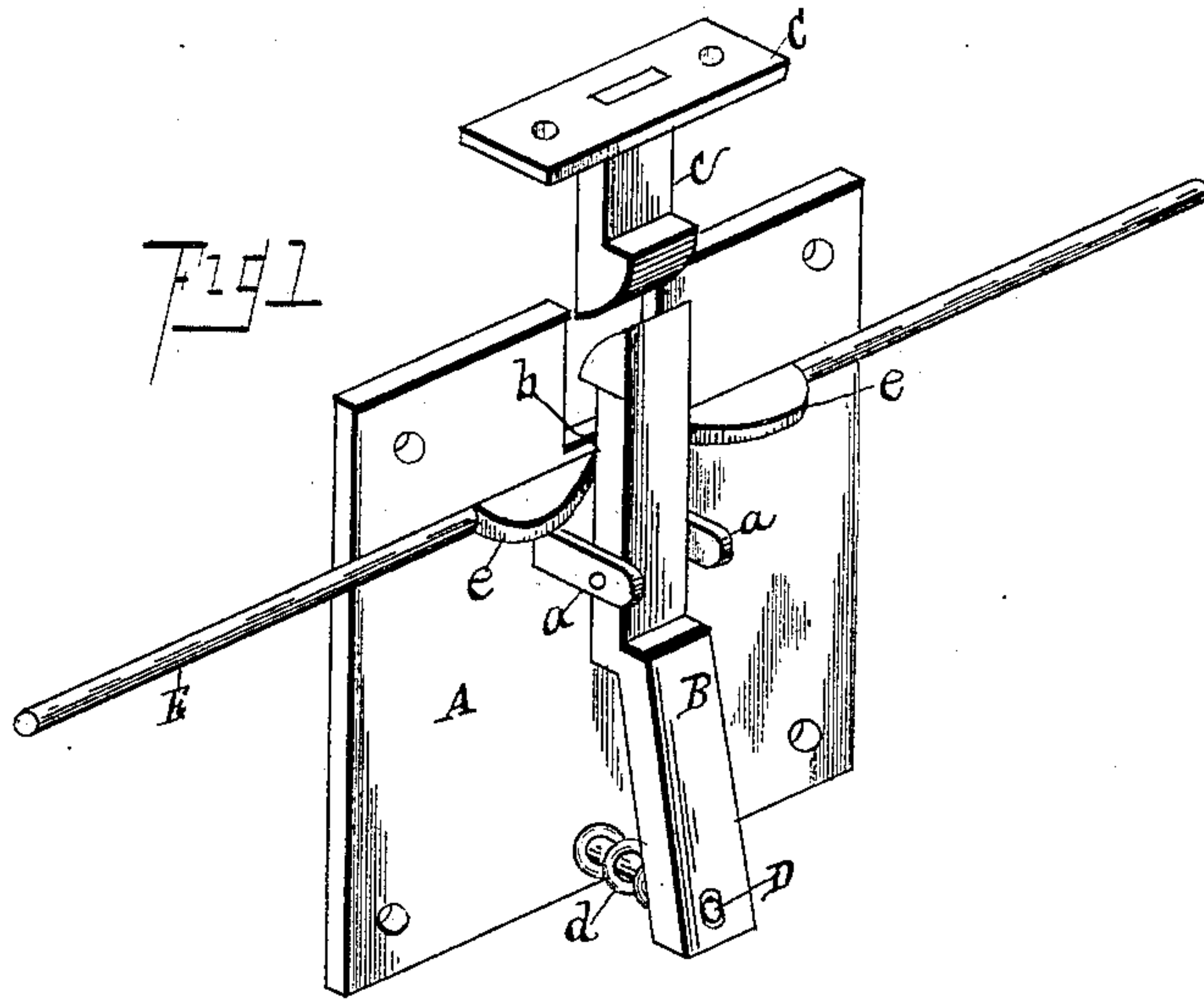


(No Model.)

G. WALDER.
BOX FASTENER.

No. 435,597.

Patented Sept. 2, 1890.



WITNESSES
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UNITED STATES PATENT OFFICE.

GEORGE WALDER, OF MILLERSBURG, INDIANA.

BOX-FASTENER.

SPECIFICATION forming part of Letters Patent No. 435,597, dated September 2, 1890.

Application filed April 23, 1890. Serial No. 349,067. (No model.)

To all whom it may concern:

Be it known that I, GEORGE WALDER, a citizen of the United States, residing at Millersburg, in the county of Elkhart and State of Indiana, have invented certain new and useful Improvements in Box-Fasteners; and I do hereby declare the following to be a full, clear, and exact description of the invention, such as will enable others skilled in the art to which it appertains to make and use the same.

My invention relates to improvements in box-fasteners; and it consists of certain novel features, hereinafter fully described and claimed, the object being to produce a simple, cheap, and efficient box-fastener.

In the accompanying drawings, Figure 1 is a perspective view of the box-fastener removed from its fittings. Fig. 2 is a longitudinal section, and Fig. 3 is a longitudinal section of the operating or unlocking rod.

Referring in detail to the various parts of my improved box-fastener, A is the body, which consists of a suitable piece of metal, preferably somewhat oblong in shape, provided on its outer side, near its middle, with the parallel lugs *a a*, between which the latch B is pivotally secured, as shown. The plate A is provided, in the usual manner, with properly-arranged holes, by which it is secured with screws or nails to the door or lid. The keeper is preferably constructed as shown, having the base-plate C, from which extends the keeper proper *c*. The latch B is journaled near its middle between the lugs *a a*, its upper half lying parallel with the body A, while the upper end reaches sufficiently inward to provide a hook to engage the keeper. The lower or free end of the latch bends outward from the body at a point where it is journaled to the lugs *a a*, and is then bent downward. A hole or slot is made in the lower end of the latch, through which passes the pin D, which is secured to the body, as shown in Fig. 1. Around the pin D is arranged the spiral spring *d*, so that the upper end of the latch will be held snugly against the body A after it has passed into or out of engagement with the keeper.

The latch is operated as follows: A rod E

is arranged to reach from one side of the box to the other, and is provided near its middle with the semicircular points or cams *e*, so placed that the point *b* will come immediately between them, and it will be readily understood that by pressing on the end of the rod E cam *e* will come in contact with the latch and force the same out of engagement with the keeper, and thus unfasten the door.

From the foregoing description, taken in connection with the drawings, it will be seen that I have produced a simple and efficient box-fastener that will automatically act when the door or lid is closed.

While my box-fastener is especially applicable to boxes of various kinds, it is also general in its application, being easily applied and requiring no key, thus presenting all the essential requisites of a secret box-fastener.

Believing that the advantages of my invention will be readily apparent, further description is deemed unnecessary.

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

1. The combination of the body-plate A, having the parallel lugs *a a*, the latch B, centrally pivoted between the lugs *a a*, and having the hooked upper end, a spring arranged between the body A and the lower free end of the centrally-pivoted latch B, and the sliding rod E, having near its middle the cams *e e*, substantially as set forth.

2. The combination of the body-plate A, having the parallel lugs *a a*, and the lower pin D, the latch B, centrally pivoted between the lugs *a a* and formed with the hooked upper end and the inclined apertured lower end, the spiral spring *d*, encircling the pin D, between the body A and the lower apertured end of the latch B, and the sliding rod E, having near its middle the cams *e e*, substantially as set forth.

In testimony whereof I affix my signature in presence of two witnesses.

GEORGE WALDER.

Witnesses:

B. A. MYERS,

S. A. WIDNER.