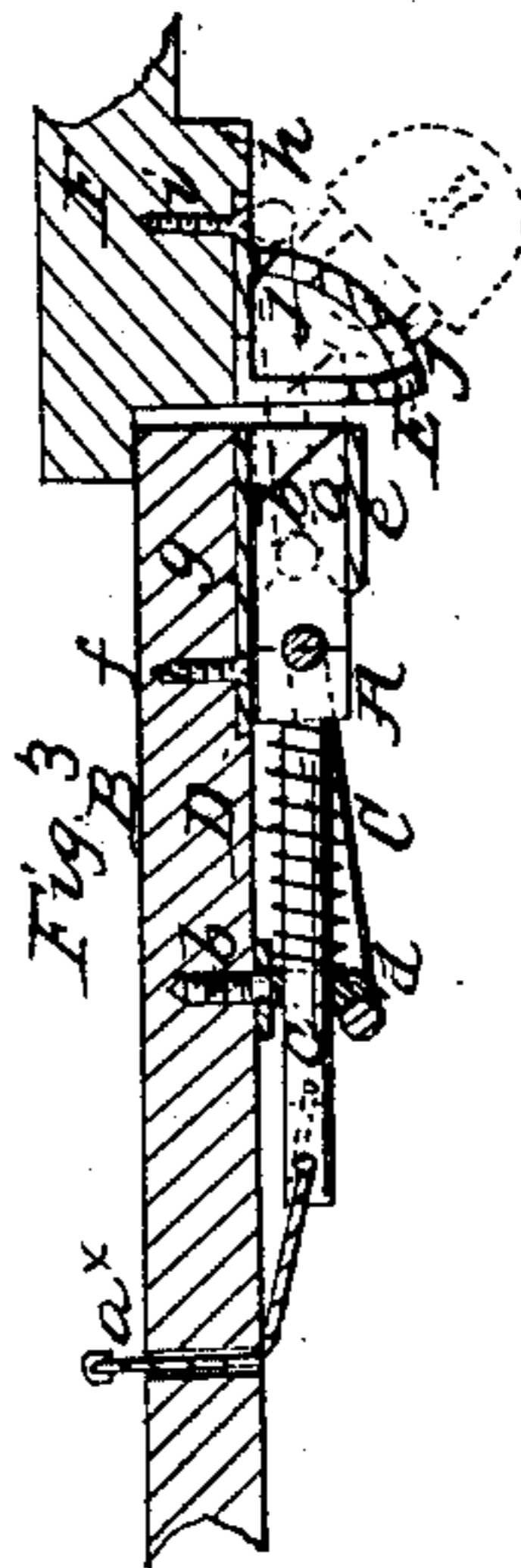
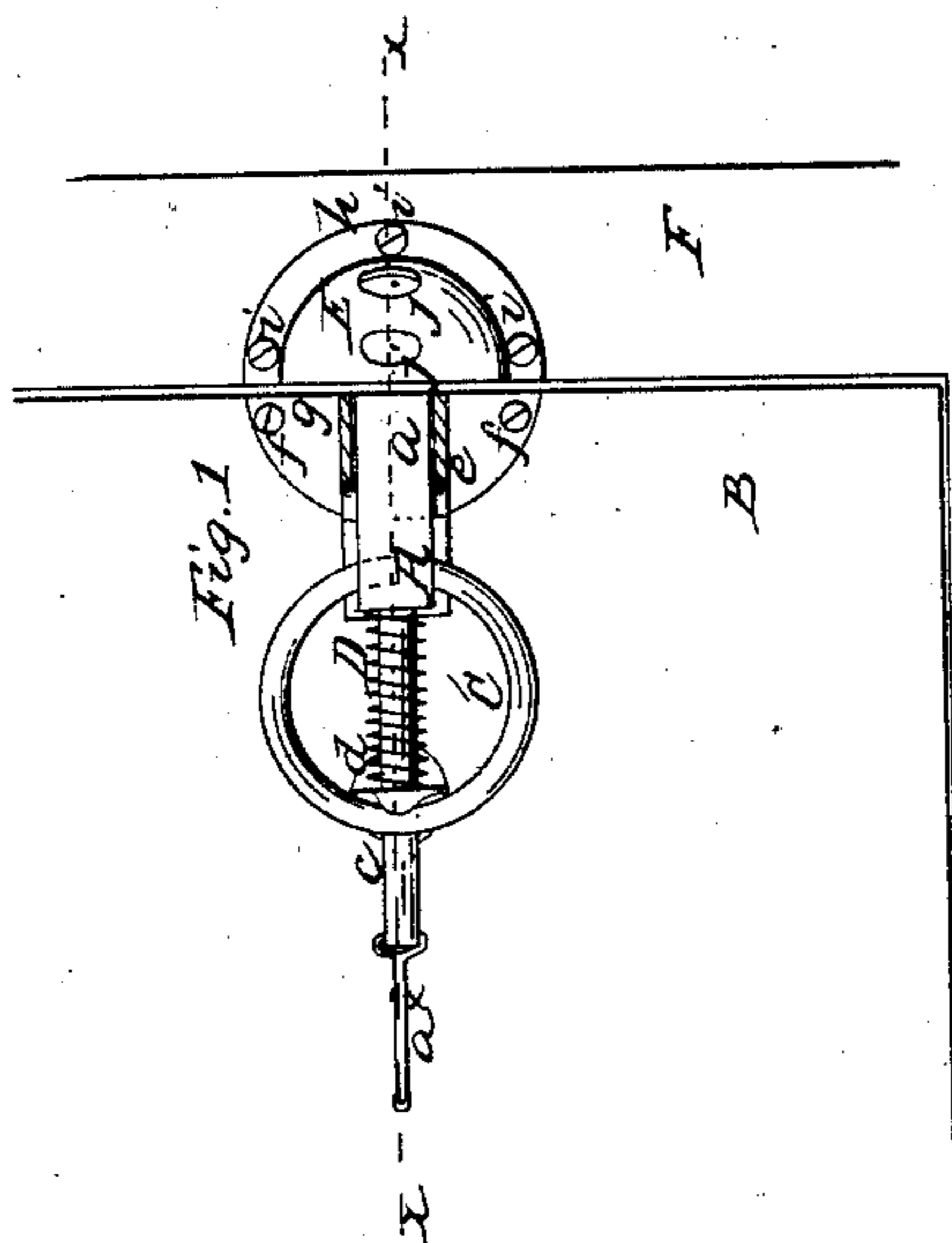
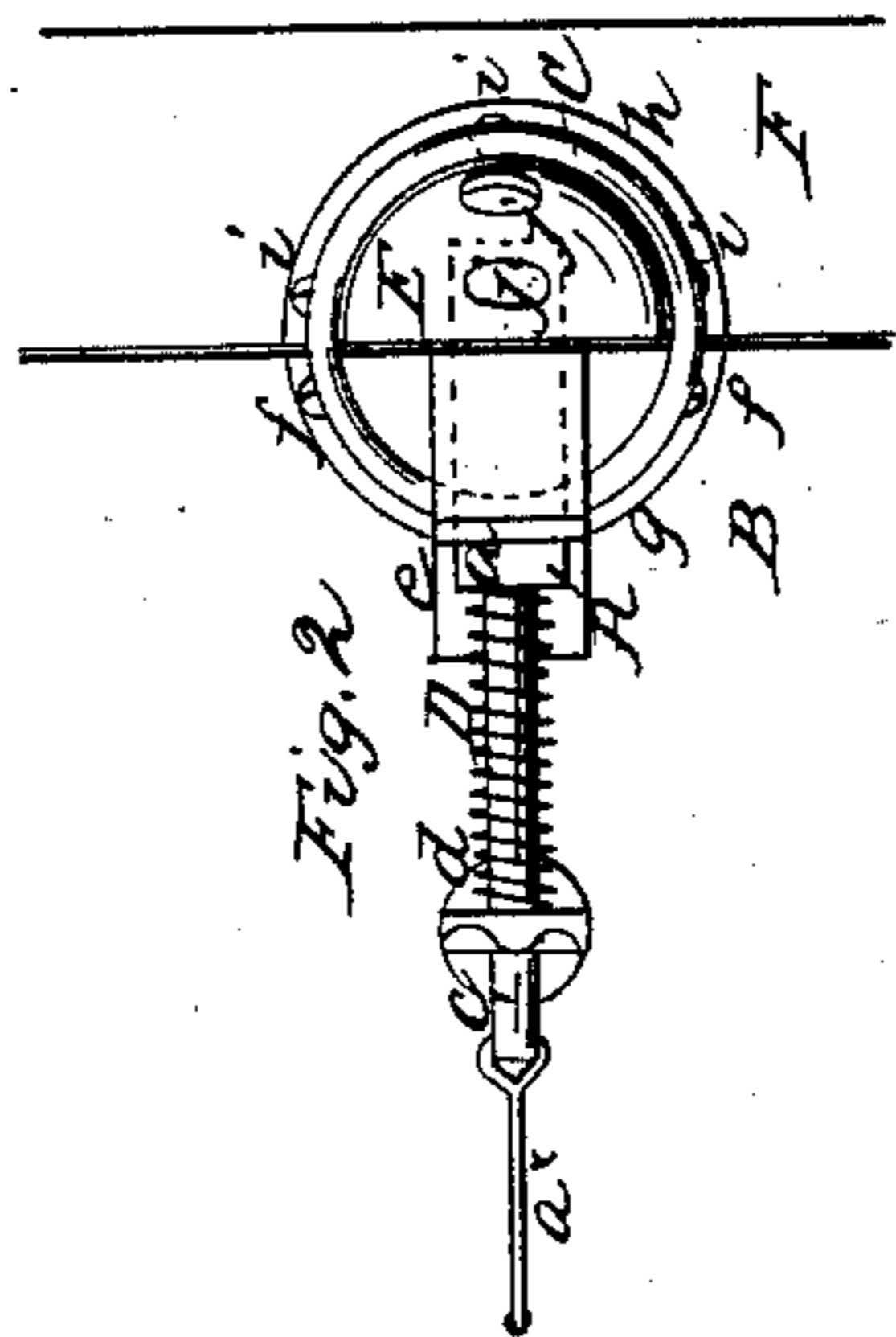


G. W. Devin

Door Bolt.

N^o 20,149.

Patented May 4, 1858.



UNITED STATES PATENT OFFICE.

GEO. W. DEVIN, OF OTTUMWA, IOWA.

RING-BOLT.

Specification of Letters Patent No. 20,149, dated May 4, 1858.

To all whom it may concern:

Be it known that I, GEORGE W. DEVIN, of Ottumwa, in the county of Wapello and State of Iowa, have invented a new and Improved Ring-Bolt; and I do hereby declare that the following is a full, clear, and exact description of the same, reference being had to the annexed drawings, making a part of this specification, in which—

10 Figure 1, is an outer or face view of my improvement applied to a door and shown in an unlocked state, the front plate of the guide case being removed. Fig. 2, is an outer or face view of ditto, in a locked state. Fig. 15 3, is a horizontal section of ditto taken in the line *x, x*, Fig. 1, the door and casing being also bisected.

Similar letters of reference indicate corresponding parts in the several figures.

20 This invention consists in the employment or use of a slide bolt with ring attached, and used in connection with a spring, socket or "nosing" and guide, the whole being arranged as hereinafter fully shown and described, whereby, a simple, efficient, and economical bolt fastening is obtained.

To enable those skilled in the art to fully understand and construct my invention I will proceed to describe it.

30 A, represents the slide or bolt, the outer part *a*, of which is of quadrilateral form and has a beveled end *b*. The other part *c*, of the bolt is of cylindrical form, and is fitted loosely in a guide *d*, the shank of which is 35 screwed in the door B, to which the bolt is attached. The outer or quadrilateral part *a*, of the bolt is fitted in a guide case *e*, which is secured to the door B, by screws *f*, said screws passing through a flanch *g*, connected 40 with the guide case. Through the part *a*, of the bolt a ring C, passes, and on the cylindrical part *c*, of the bolt a spiral spring D, is placed, said spring being between the guide *d*, and the part *a*, of the bolt and having a tendency to keep the latter forced out 45 from the guide case *e*.

E, is a socket or "nosing" which may be described as being in the form of a quarter of a sphere having a flanch *h*, at its base, 50 through which screws *i*, pass to secure it to the casing F. The socket or "nosing" is secured to the casing in line with the bolt A, and a recess is formed in it to receive the outer end of the bolt A, as shown clearly in 55 Fig. 3, the spring D, having a tendency to keep the outer end of the bolt in the socket

or "nosing". In the socket or nosing two openings *j, j*, are made to allow the shackle of a padlock to pass through as shown in red Fig. 3. 60

The ring C, is made sufficiently large so that it may encompass the socket or nosing E, when turned around as shown in Fig. 2, and when the shackle of the padlock is passed through the openings *j, j*, in the nosing E, the ring will be retained in the nosing, and the outer end of the bolt A, secured in the nosing. It will be seen that when the slide or bolt is secured in this way the implement cannot be detached from the door, 65 because the ring C, covers the screws *f, i*, rendering them inaccessible. The device may be used as a simple catch or fastening only, by not using the padlock, the ring being allowed to rest or bear against the bolt, 70 and if it is necessary at any time to render the bolt inoperative, the ring C, may be turned so as to fit over the guide *d*, as shown in Fig. 1, the ring holding the bolt back free from the nosing. 75 80

I would remark that a chain *x*, may be attached to the end of the part *c*, of the bolt, said chain passing through the door so that the bolt may be operated at the inner side of the door. 85

This device is extremely simple and efficient, far superior to the chain bolt and the ordinary hasp and staple, for these devices may be readily forced by a crow or "jimmy."

My device cannot readily be detached 90 when in a locked state, the screws or means of attachment being covered, and it may be cheaply constructed and applied by any person possessing but little mechanical skill.

I do not claim separately a slide bolt and spring for that is a common and well known fastening, but, 95

Having thus described my invention, what I claim as new and desire to secure by Letters Patent, is, 100

The slide bolt A, provided with the spring D, and ring C, and secured to the door substantially as shown, in combination with the socket or nosing E, provided with apertures to receive the shackle of a padlock, the whole 105 being arranged as and for the purpose set forth.

GEORGE W. DEVIN.

Witnesses:

A. J. SPAULDING,
SAML. MAHON.