

J. P. HOLTZHouser.
DOOR BOLT OR DOOR HOLDER.
APPLICATION FILED JUNE 20, 1908.

919,580.

Patented Apr. 27, 1909

Fig. 1.

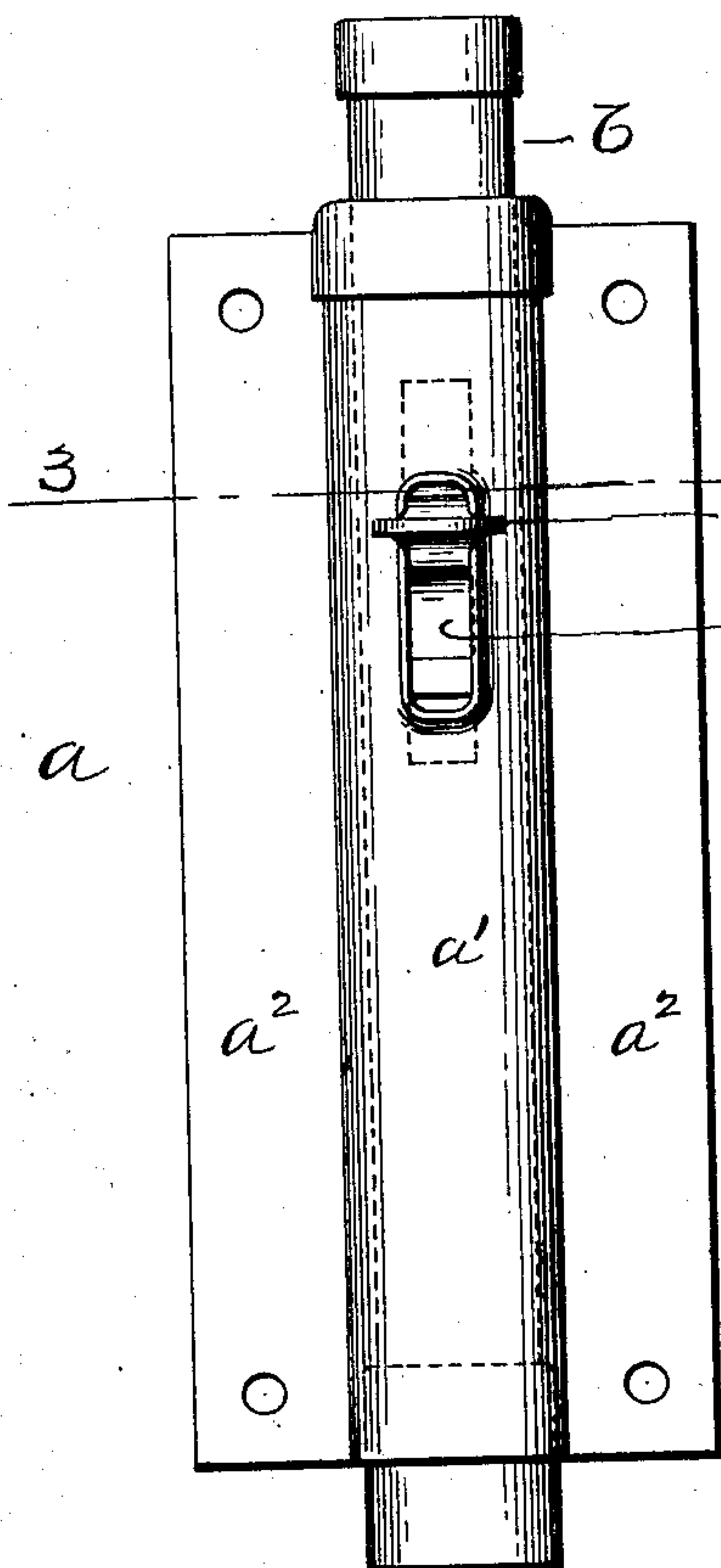


Fig. 2.

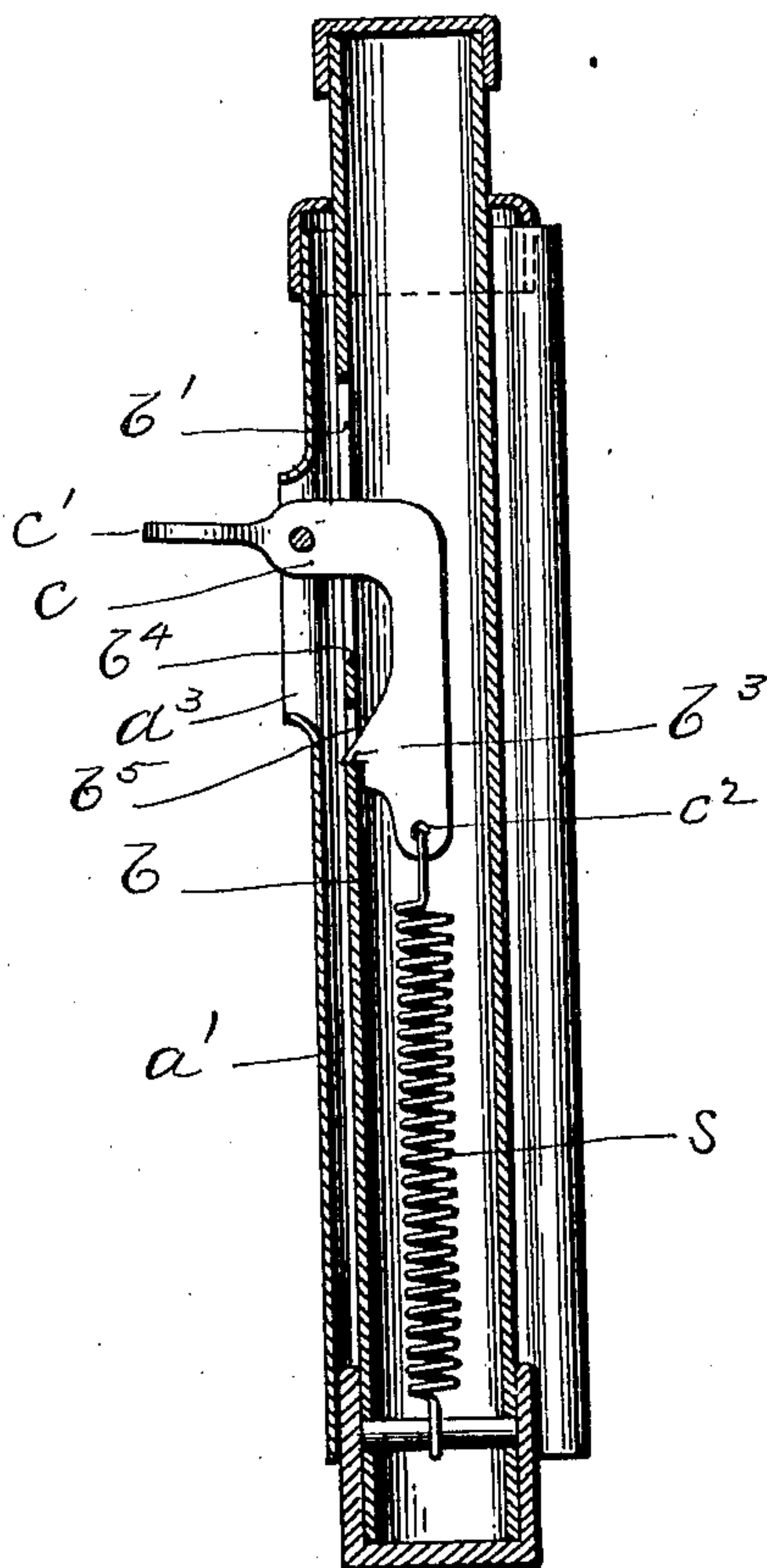
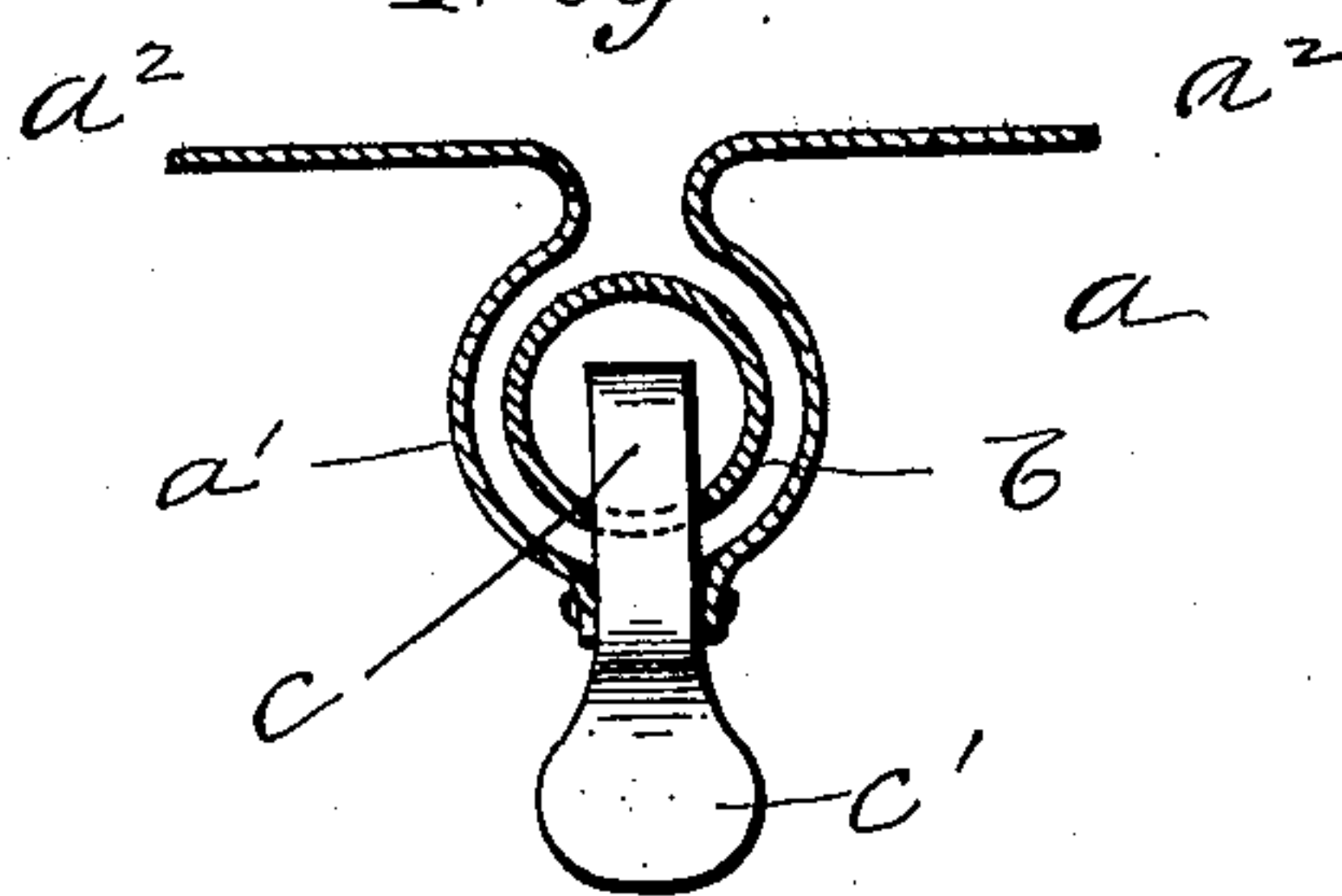


Fig. 3.



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JACOB P. HOLTZHouser, OF NEW BRITAIN, CONNECTICUT, ASSIGNOR TO THE STANLEY WORKS, OF NEW BRITAIN, CONNECTICUT, A CORPORATION OF CONNECTICUT.

DOOR-BOLT OR DOOR-HOLDER.

No. 919,580.

Specification of Letters Patent.

Patented April 27, 1909.

Application filed June 20, 1908. Serial No. 439,634.

To all whom it may concern:

Be it known that I, JACOB P. HOLTZHouser, a citizen of the United States, and a resident of New Britain, in the county of
5 Hartford and State of Connecticut, have invented certain new and useful Improvements in Door-Bolts or Door-Holders, of which the following is a specification.

The object of the invention is to produce a
10 device of the character described having features of novelty and advantage.

In the drawings—Figure 1 is a front view of the device. Fig. 2 is a sectional side elevation. Fig. 3 is an elevation on the line
15 3—3 of Fig. 1.

Referring to the drawings *a* is the casing having the barrel *a'* and attaching flanges
a² *a³*.

b is a tubular bolt movable longitudinally
20 in the barrel. The barrel is slotted as at *a³* to receive the lever *c* which is pivoted therein and has a tripping projection *c'*. This lever is L-shaped and passes through a slot *b'* in the bolt and extends downwardly therein,
25 having a hole *c²* for attachment of a spring *s* which at its other end is attached near the lower end of the bolt. On the front edge of the downturned portion of the lever is a
30 shoulder *b³* which is adapted to engage with the lower edge *b⁴* of the slot *b'* in the bolt to hold the bolt in its extended position. If it is desired to lock the bolt at a point intermediate of its full throw an aperture *b⁵* may be formed just below the lower edge of the
35 slot *b'* as illustrated.

It will be noted that a single spring is utilized to engage the lever with the bolt to hold the bolt in extended position and also to return the bolt to normal position when the
40 shoulder on the lever is disengaged from the bolt.

This construction provides a strong, light door bolt, inexpensive to manufacture and simple in its construction and operation.

45 I claim as my invention:—

1. An article of the character described comprising a casing, a tubular bolt movable longitudinally therein and having an engaging
50 shoulder, a lever pivoted in said casing and extending into said bolt and having a

projection adapted to engage said shoulder on the bolt, and a spring connected at one end with said lever and at the opposite end with said bolt.

2. An article of the character described 55 comprising a casing, a tubular bolt movable longitudinally therein, a lever pivoted in said casing and extending into said bolt, interengaging parts on said bolt and lever, a spring connecting said lever with said bolt, 60 and means for disengaging said interengaging parts on said lever and bolt.

3. In an article of the character described the casing, a tubular bolt movable longitudinally therein, registering openings through 65 said bolt and casing, an L-shaped lever pivoted in said casing and extending downwardly in said bolt, a projection on the front side of the downwardly projecting part of said lever, a shoulder on said bolt adapted to en- 70 gage with said projection, and a spring connected at one end with the lower end of said bolt and at its opposite end with the tail of said lever, and a tripping device for said lever extending outside of said casing, sub- 75 stantially as described and for the purposes set forth.

4. An article of the character described comprising a casing, a bolt movable longitudinally therein, a lever pivoted in said cas- 80 ing, interengaging parts on said lever and said bolt, and a spring connecting said lever and said bolt whereby said lever is held in its engaging position and said bolt is returned to normal position upon disengagement of 85 said interengaging parts.

5. An article of the character described comprising a casing, a bolt movable longitudinally therein, a lever pivoted in said cas- 90 ing and having one end extending into said bolt, interengaging parts on said lever and bolt, and a common means for holding said lever in its engaging position and for returning said bolt to its normal position when it is released.

JACOB P. HOLTZHouser.

Witnesses:

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