

A. De Witzleben,

Door Check.

N^o 29,770.

Patented Aug. 28, 1860.

Fig. 1.

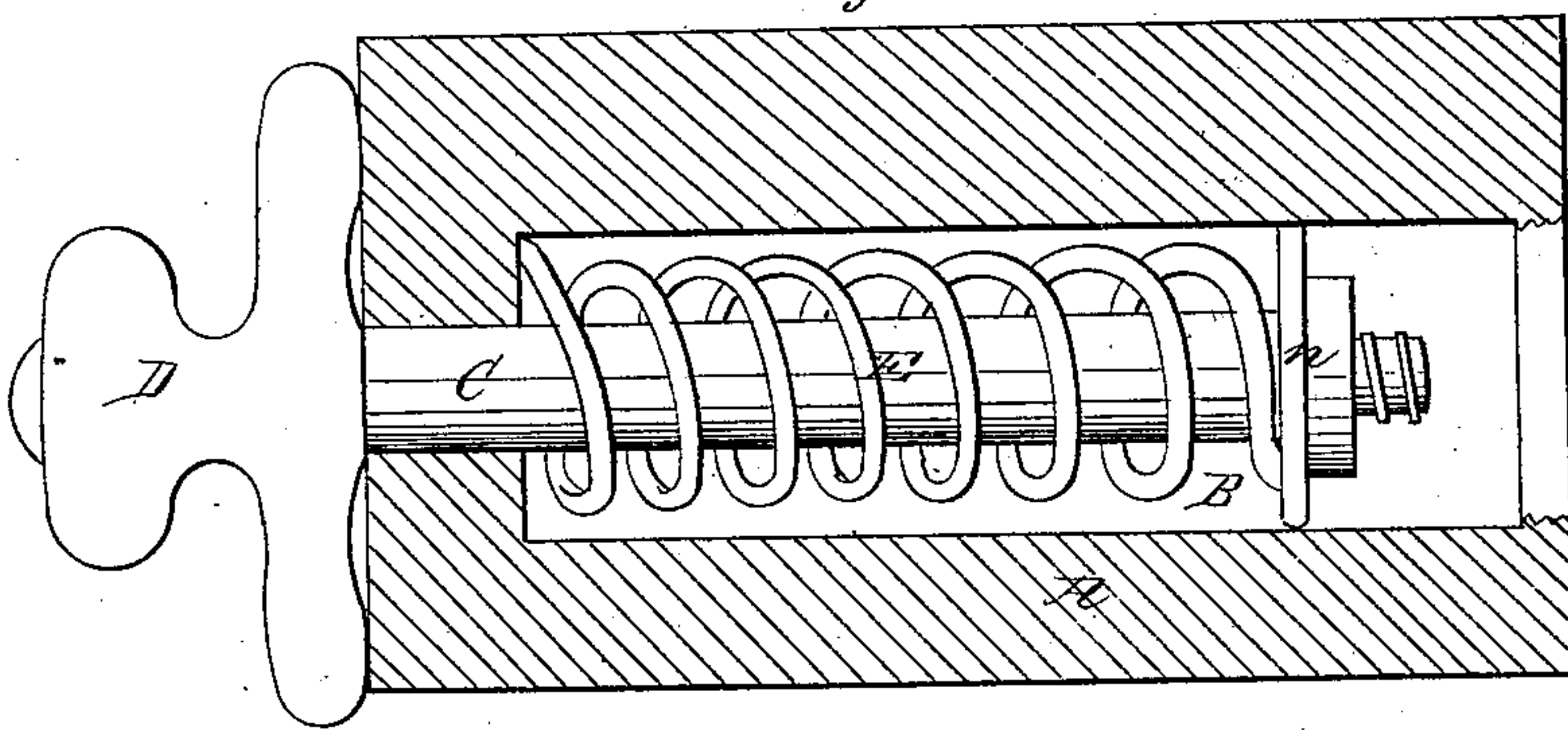
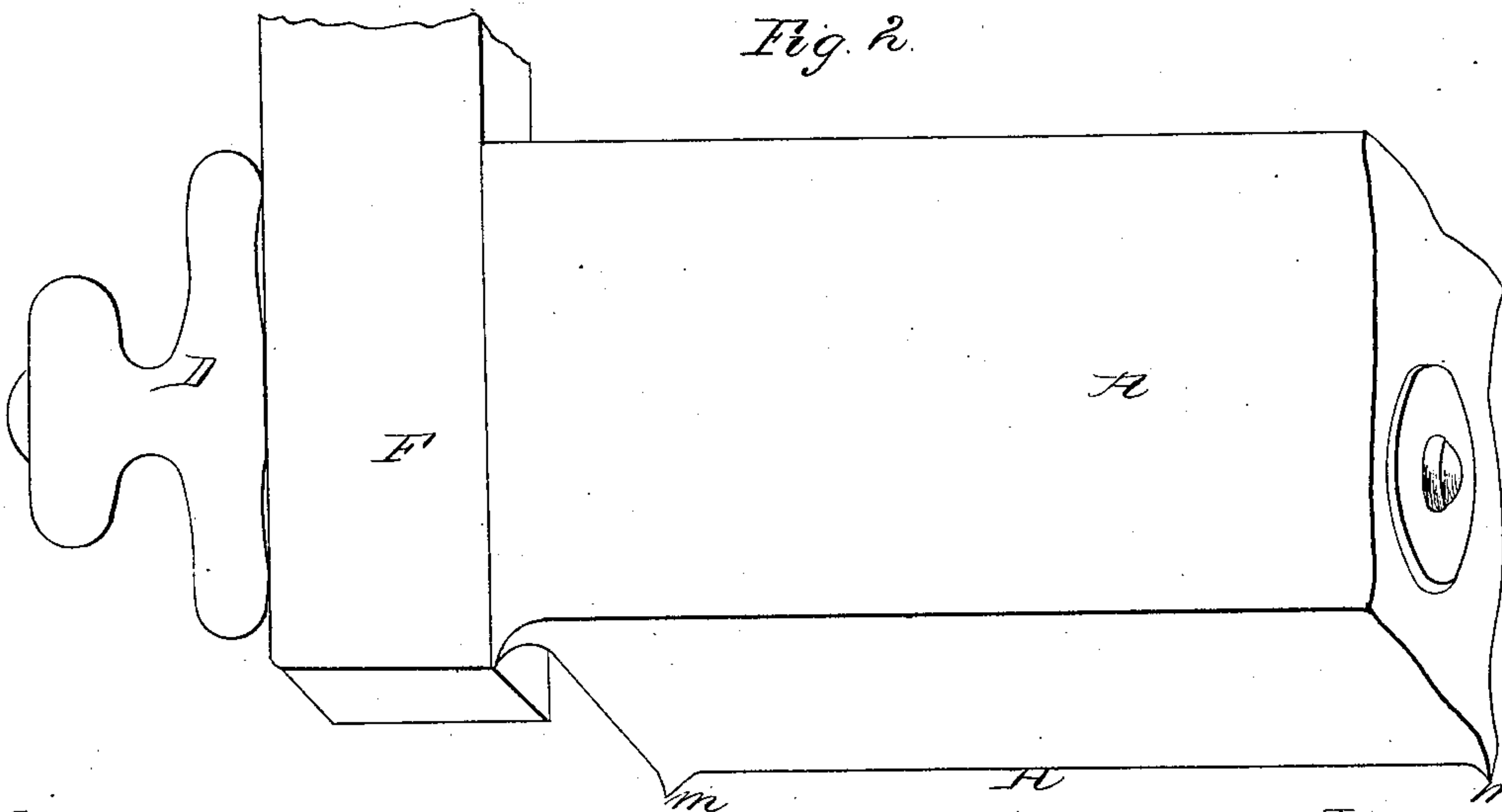


Fig. 2.



Witnesses:

*W. E. Tappan
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Inventor:

Arthur de Witzleben

UNITED STATES PATENT OFFICE.

ARTHUR DE WITZLEBEN, OF WASHINGTON, DISTRICT OF COLUMBIA.

HOLDING DOORS OPEN.

Specification of Letters Patent No. 29,770, dated August 28, 1860.

To all whom it may concern:

Be it known that I, ARTHUR DE WITZLEBEN, of the city of Washington, District of Columbia, have invented a new and useful
5 Machine for Holding Doors Open; and I do hereby declare that the following is a full and exact description thereof, reference being had to the accompanying drawings, and to the letters of reference marked thereon,
10 in which—

Figure 1, is a plan view of the machine inverted, and with the bottom removed. Fig. 2, is a side elevation of the machine when attached to a door.

15 Like letters refer to like parts in the drawings and specification.

A, represents a box, with an apartment B; C, represents a shank with knob D; E, a spiral spring; H, the bottom of machine;
20 *m, m*, sharp feet upon which the machine stands; *n*, plate holding spring E.

To enable others skilled in the art to make and use my invention, I will proceed to describe its construction and operation.

25 The box represented by A is intended to be of metal, and to be cast in two parts, the main box containing the apartment B, making one portion, and the bottom H, the other. The bottom H, is detached, and is screwed
30 on the machine. The feet *m, m*, are cast with the bottom H, and are made sharp pointed, so as to sink into the floor or carpeting, deep enough to prevent the machine from sliding. The outward form of the box
35 A, is of no importance; it may be cast in the form of any animal; if an ornamental shape is desired. The apartment B, is large enough to admit the shank C, and spiral spring E; it does not extend the whole
40 length of the box, but in front the spring

stops at the metal boxing, three inches, more or less, from the exterior of said box, the shank extending through the boxing, and ending in the knot D. The shank C, may
45 either be made of metal or wood. The spiral spring is coiled around C, one end being attached to plate *n*, and the other end pressing against the boxing in front. The plate *n*, is held in its place either by inserting a pin in the portion of the shank outside
50 of plate, or by having the posterior end of shank formed in a screw, and screwing a nut against plate *n*, as shown in Fig. 1.

Fig. 2, shows the machine when in operation.
55

The operation of my machine is as follows: The machine is set upon the feet *m, m*, and placed behind the door which is to be kept in position; the knob D, is drawn
60 out, thereby compressing the spring, and the door placed between the knob and the main body of the machine. On withdrawing the outward force from the knob, it clamps the door, by reason of the recoil of the spring.

A machine weighing eight pounds will
65 hold a common door against any wind but a tornado, and the cost of its manufacture will not exceed sixty cents.

Having thus fully described my machine, what I claim as new and desire to secure by
70 Letters-Patent, is;

The box A, apartment B, shank C, knob D, spiral spring E, bottom H, feet *m, m*, and plate *n*, when used for the purposes specified.

ARTHUR DE WITZLEBEN.

Witnesses:

WM. E. TYSINGER,
JOHN DOWLING.