

No. 665,901.

Patented Jan. 15, 1901.

D. B. HAMPTON.

DOOR STOP.

(Application filed Apr. 24, 1900.)

(No Model.)

Fig. 1.

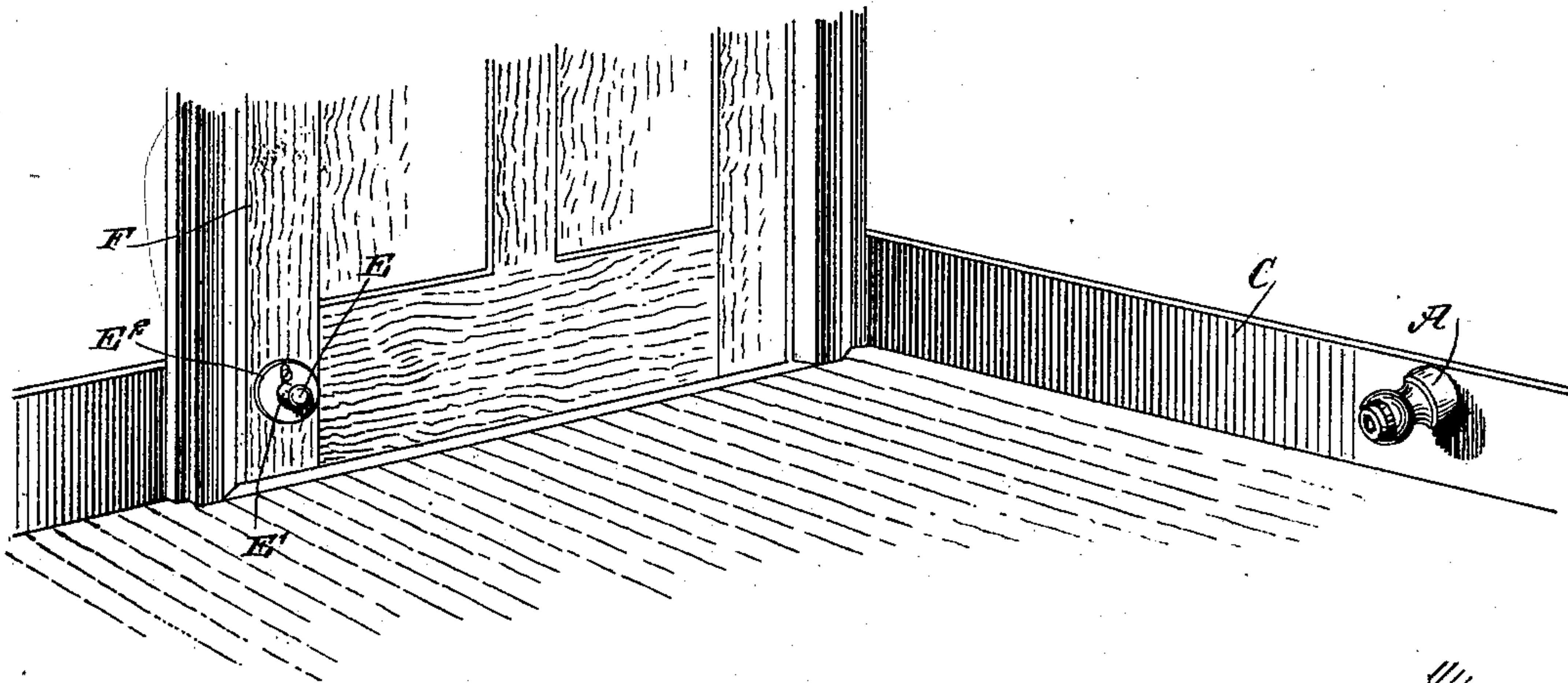


Fig. 2.

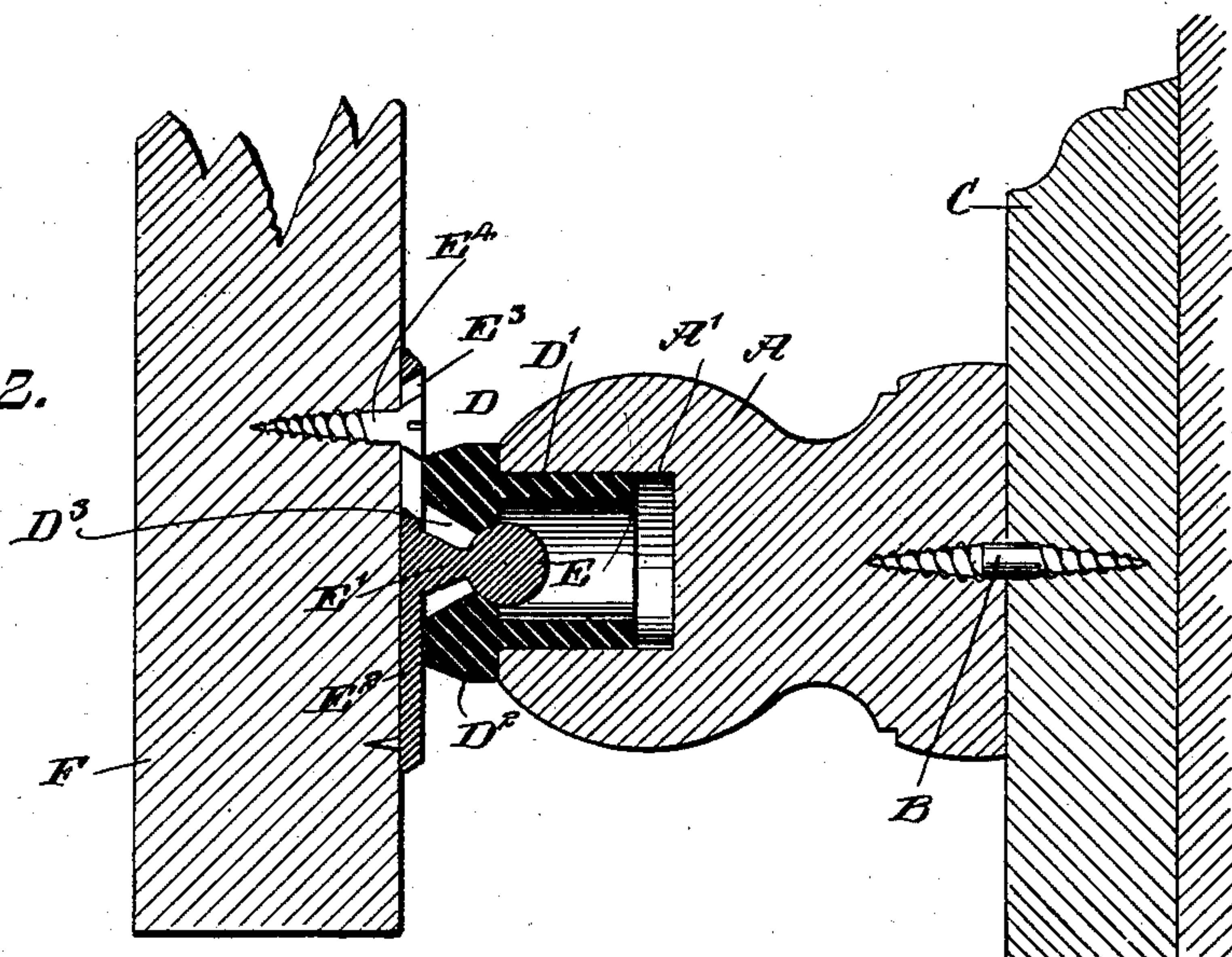
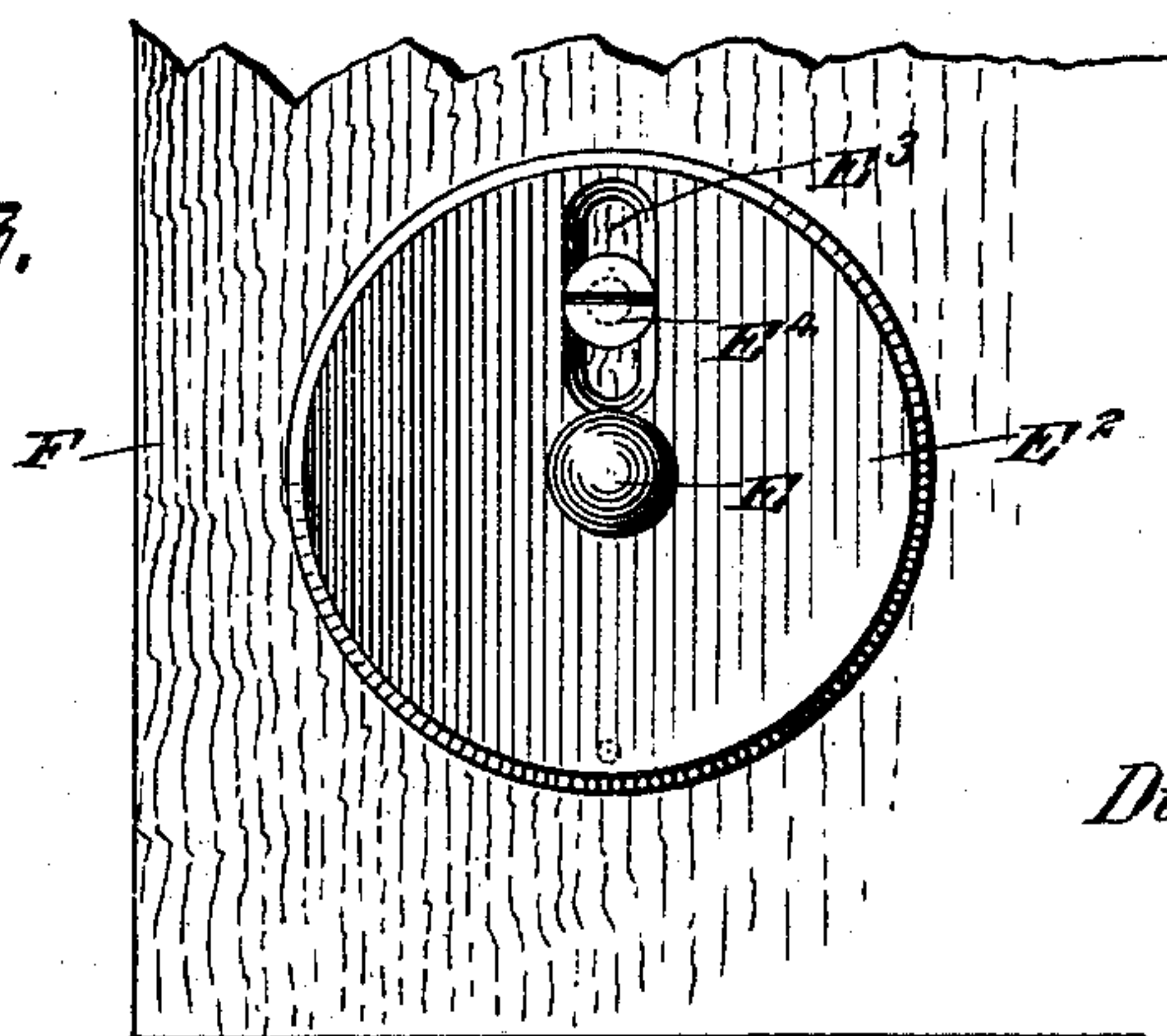


Fig. 3.



WITNESSES

William P. Goebel.
Rev. J. Hostetler

INVENTOR

Durward B. Hampton.

BY

M. W. B.
ATTORNEYS

UNITED STATES PATENT OFFICE.

DURWARD BELLMONT HAMPTON, OF NAPA, CALIFORNIA.

DOOR-STOP.

SPECIFICATION forming part of Letters Patent No. 665,901, dated January 15, 1901.

Application filed April 24, 1900. Serial No. 14,136. (No model.)

To all whom it may concern:

Be it known that I, DURWARD BELLMONT HAMPTON, a citizen of the United States, and a resident of Napa, in the county of Napa and State of California, have invented certain new and useful Improvements in Door-Stops, of which the following is a full, clear, and exact description.

The object of the invention is to provide a new and improved door-stop which is simple and durable in construction, readily applied, completely noiseless when in operation, and arranged to prevent marring of the door, furniture, base-board, or the like and to securely hold the door in an open position when desired.

The invention consists of novel features and parts and details and combinations of the same, as will be fully described hereinafter and then pointed out in the claim.

A practical embodiment of the invention is represented in the accompanying drawings, forming a part of this specification, in which similar characters of reference indicate corresponding parts in all the views.

Figure 1 is a perspective view of the improvement as applied and with the door in a closed position. Fig. 2 is an enlarged sectional side elevation of the same with the door in a locked-open position, and Fig. 3 is a face view of the stop as applied to the door.

The improved door-stop consists, essentially, of a base-board member and a door member, of which the base-board member has a body A, made of wood or other suitable material and secured by a screw B to a base-board C, so as to project from the face of the base-board, as is plainly shown in Figs. 1 and 2. In the outer end of the body A is formed a recess A', in which is secured the cylindrical shank D' of a socket D, made of rubber or other elastic material and formed with a head D² integral with the shank D' and projecting from the front end of the body A. The head D² is formed with a conical aperture D³, which opens at its small end into the cylindrical shank D', as is plainly shown in Fig. 2, and a button-head E is adapted to pass through the said aperture D³ to engage the inner wall of the elastic head D², as is plainly shown in Fig. 2, said button-head E being held on a

shank E', projecting from a button-plate E², arranged on the inside of a door F, near the free end thereof, as is plainly indicated in Figs. 1 and 2. The button-plate E² is formed with an elongated slot E³, engaged by a screw E⁴, screwing in the door F, so as to allow of adjusting the button-plate E² to bring the button-head E in proper relation to the opening D³ when the door F is moved into an open position to engage the said button-head E with the socket D and lock the door in an open position.

It will be seen that when the door F is moved into an open position and the button-head engages the socket, as described, then the head D² forms a cushion for the button-plate E², so that the engagement of the two members is not only rendered noiseless, but at the same time forms a lock for securely holding the door in an open position. When a pull is exerted on the door to move the same into a closed position, then the head E is readily disengaged from the elastic portion of the socket D to allow of closing the door F.

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

A door-stop, consisting of a base-board member formed of a body having a recess in its end and provided with a rubber socket having a tubular shank fitting in the recess of the said body and a head formed with an external and internal shoulder at its junction with the shank and with a conical aperture leading into the tubular shank, the said head projecting beyond the body and having its external shoulder resting against the end of said body, and a door member formed of a slotted plate to permit of it being adjusted, a shank projecting from the plate, and a button on the end of the shank adapted to enter the conical aperture of the head and to be engaged by the internal shoulder thereof, substantially as described.

In testimony whereof I have signed my name to this specification in the presence of two subscribing witnesses.

DURWARD BELLMONT HAMPTON.

Witnesses:

H. A. McDONALD,
P. L. STERNBERG.