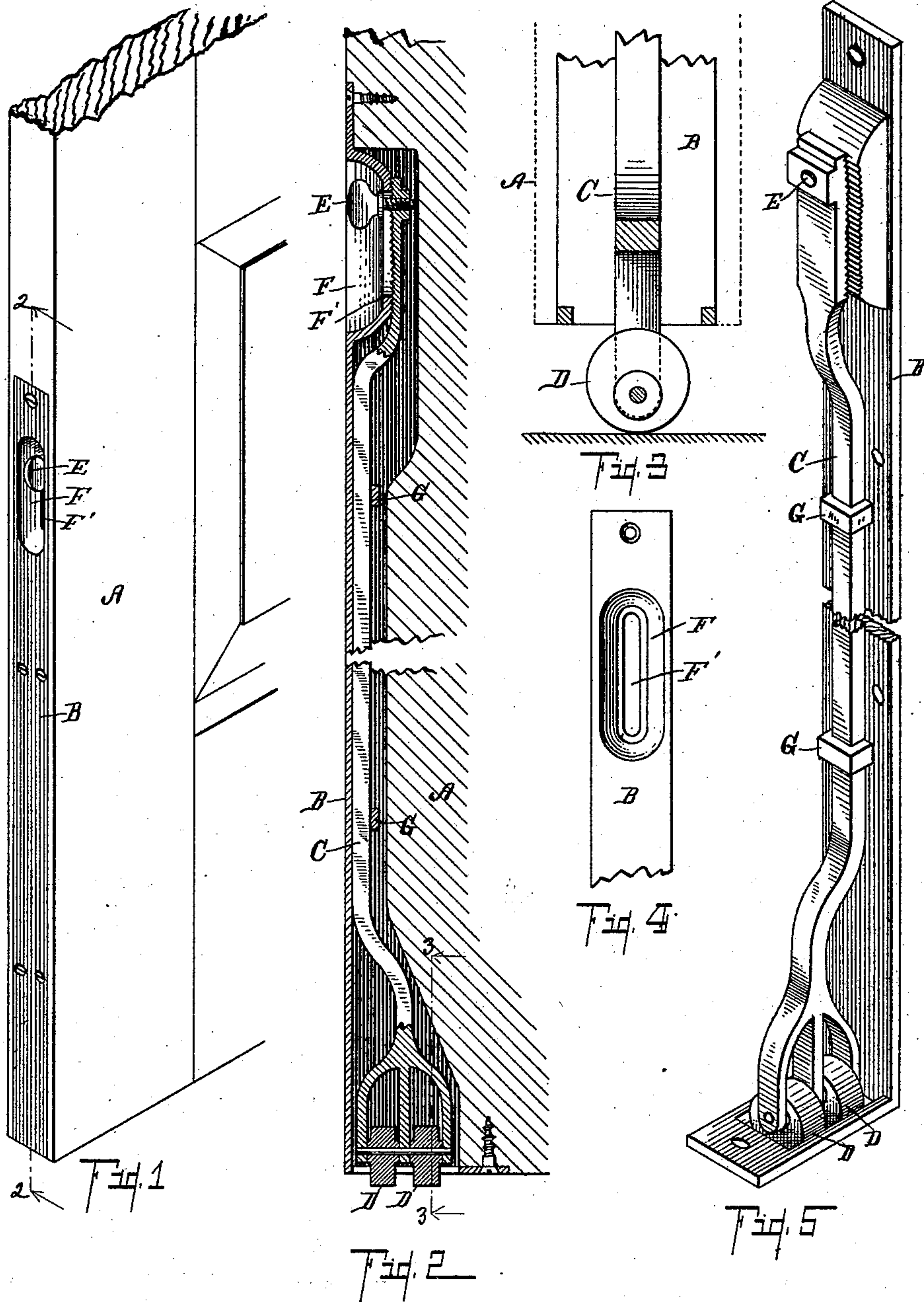


(No Model.)

P. & S. WESTRA.
DOOR STOP OR HOLDER.

No. 572,622.

Patented Dec. 8, 1896.



Witnesses:

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V. E. Chappell

Inventors:

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Att'y.

UNITED STATES PATENT OFFICE.

PETER WESTRA AND SIKKE WESTRA, OF KALAMAZOO, MICHIGAN.

DOOR STOP OR HOLDER.

SPECIFICATION forming part of Letters Patent No. 572,622, dated December 8, 1896.

Application filed October 29, 1895. Serial No. 567,268. (No model.)

To all whom it may concern:

Be it known that we, PETER WESTRA and SIKKE WESTRA, citizens of the United States, residing at the city of Kalamazoo, in the county of Kalamazoo and State of Michigan, have invented certain new and useful Door Stops or Holders, of which the following is a specification.

Our invention relates to improvements in door stops or holders.

The objects of our invention are to provide a simple, efficient, and convenient means for holding a door securely in the open position or at any point desired and be inconspicuous, both when the door is open and when closed, without materially changing the appearance of the same, and other objects which will appear in the detailed description. We accomplish these objects of our invention by the devices and means appearing in the accompanying drawings, in which—

Figure 1 is a perspective view of the lower outer corner of a door with one of our improved door-holders in place. Fig. 2 is a vertical sectional view on line 2 2 of Fig. 1. Fig. 3 is an enlarged detail sectional view on line 3 3 of Fig. 2. Fig. 4 is an enlarged detail view of the upper part of the plate B, which carries our improved device. Fig. 5 is an enlarged detail reverse perspective view of our improved door-holder detached from the door, it being broken into sections.

Similar letters of reference refer to similar parts throughout the several views, and all of the sectional views are taken looking in the direction of the little arrows at the ends of the section-lines.

Referring to the lettered parts of the drawings, A is the door.

B is the plate to which our improved door stop or holder is attached and is mortised into the outer edge of the door and projects down around the outer corner of the same and is secured thereto by suitable screws, thus leaving the sides of the door complete without in any way changing the external appearance of the same. A depression F is formed in the upper part of the same, and a suitable vertical slot F' is in the bottom of said depression. Secured in suitable guideways G on the inside of the plate B is a vertical rod or bolt C, which is divided into three parts at the bottom. Between these parts are supported,

on a suitable pivot extending in the direction of the door, little eccentric rollers D D. An opening is in the bottom of the plate B, through which the rollers may be projected. A thumb-screw E projects through the slot F' in the top of the plate B into the upper end of the rod C to clamp it tight at that point, so that the rod can be adjusted up and down, as desired.

Having thus described our new door stop and holder, we desire to state that it is capable of considerable variation in its details without departing from our invention. A single eccentric roller D would frequently be found sufficient, especially on light doors, while more rollers than two might be required for heavy work.

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

1. The combination with a door of a plate B, extending down around the bottom of the outside corner and under the same with an opening therethrough under the door and a depression F, on the outer edge of the door with a slot F', therein; a vertical rod C, carried in suitable guides inside of said plate B; a thumb-screw E, projecting through the slot F', into the rod C, for adjusting the same; and eccentric rollers D, D, within the opening of the bottom plate B, concealed by the door on a pivot at the lower end of the rod C, extending in the direction of the door all coacting together substantially as described for the purpose specified.

2. The combination with a door of a plate extending around the lower corner of the same with an opening to the under side of the door a vertical rod or bolt adjustable within said plate and an eccentric roller within the opening of the plate concealed by said door and a pivot on the bottom of said bolt extending in the direction of the door to carry said roller as specified.

In witness whereof we have hereunto set our hands and seals in the presence of two witnesses.

PETER WESTRA. [L. S.]
SIKKE WESTRA. [L. S.]

Witnesses:

V. E. CHAPPELL,
W. R. TAYLOR.