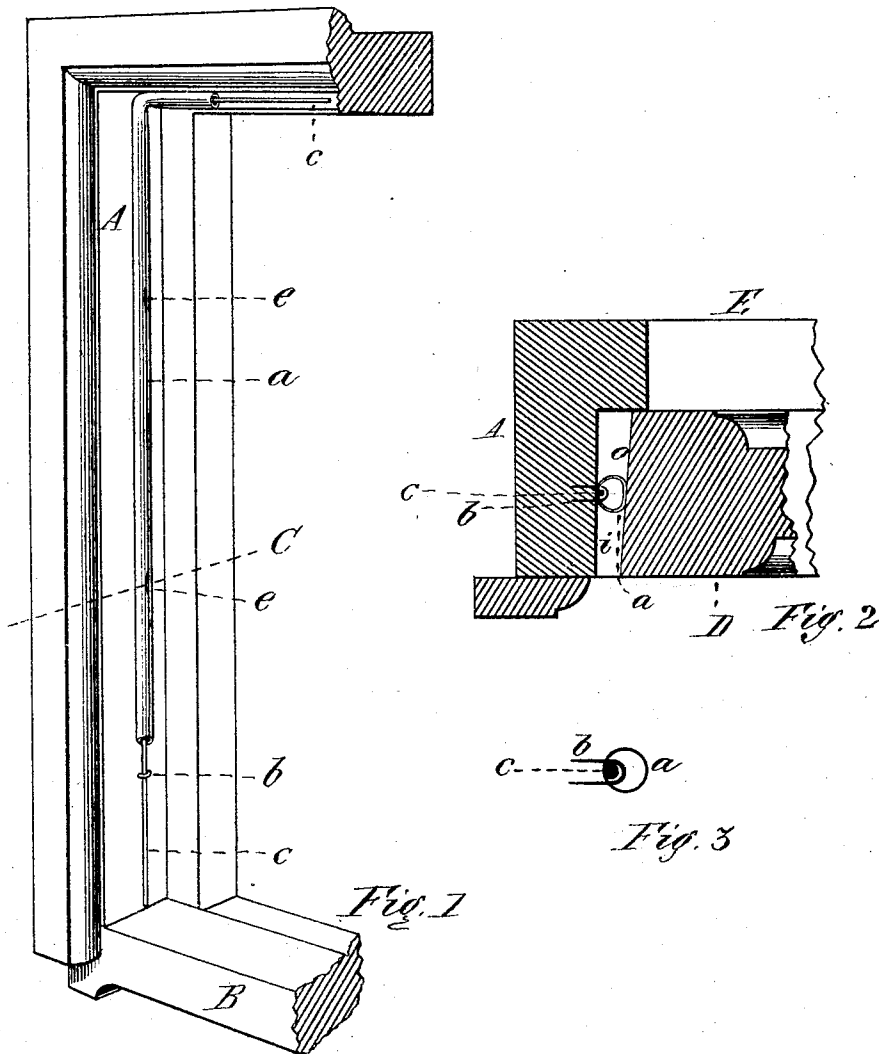


J. PEASE.
Weather Guards.

No. 145,750.

Patented Dec. 23, 1873.



Witnesses,
C. E. Buckland.
Geo. Lobnitz.

Inventor,
James Pease
By H. A. Condit,
his Atty.

UNITED STATES PATENT OFFICE

JAMES PEASE, OF WESTFIELD, MASSACHUSETTS, ASSIGNOR TO HIMSELF,
W. O. BELL, AND S. TRYON.

IMPROVEMENT IN WEATHER-GUARDS.

Specification forming part of Letters Patent No. **145,750**, dated December 23, 1873; application filed August 18, 1873.

To all whom it may concern:

Be it known that I, JAMES PEASE, of Westfield, in the county of Hampden and State of Massachusetts, have invented a new and Improved Weather-Guard; and I do hereby declare that the following is a full, clear, and exact description thereof, reference being had to the accompanying drawings making a part of this specification, and to the letters of reference marked thereon, in which—

Figure 1 is a perspective view of so much of a door-frame as is necessary to show my invention as applied thereto. Fig. 2 is a horizontal section of the door-frame, at line C, with the door in place, showing more fully the operation of the invention; and Fig. 3 is a transverse section of the tubing, showing more clearly its means of attachment.

My invention relates to a device to be attached to the inner face of a door-frame to keep out the cold air, rain, dust, &c., and it consists of a rubber-tube, along the inside of which extends a small wire. This wire is attached to the inner face of a door-frame by small staples or hooks, which are inserted through small slits made in the tube, and are driven into the door-frame astride the wire, which firmly secures the tube to the door-frame, so that the edge of the door shuts against and past the tube, the latter filling the width of the space or crack between the door-frame and the door.

In the drawings, A represents the door-frame, and *a* the rubber tubing, which should be of a little larger diameter than the crack between the edge of the door and the door-frame. The wires *c* are cut of a length equal to the inside length and width of the door-frame, and are inserted into the tubing *a*, and

the tubing is then put in its place against the inner face of the door-frame. Small slits *e e* are then cut at suitable distances apart, and a small staple, *b*, is inserted through each slit and placed astride the wire *c*, and is driven into the door-frame firmly against the wire. The wire and tubing, instead of being secured to the door-frame at the bottom, may be secured to the bottom of the door to avoid injury by stepping upon it; and, if desirable, the tubing and wire may be secured to the edge of the door all around; but, by long use, the tubing might injure the door-frame by rubbing the paint from the corner; and I prefer to attach the tubing to the door-frame, except at the bottom.

Instead of staples, hooks curved at the end might be used to secure the wire, or the latter might be provided with holes at proper intervals, through which nails could be driven to secure the wire to the door-frame.

The edge *o* of the door may be beveled slightly, as shown in Fig. 2, so that the door would more easily shut past the tubing; and when attached in this manner the tubing will retain its place for a long time, and operate most perfectly and admirably as a weather strip or guard to prevent the cold air in winter, the rain in hard storms, and the dust in summer, from beating in.

What I claim as my invention is—

The combination of the wire *c* and the rubber tubing *a*, both secured to the door or door-frame, substantially as described, and constituting an improved weather-guard, as set forth.

JAMES PEASE.

Witnesses:

T. A. CURTIS,
C. E. BUCKLAND.