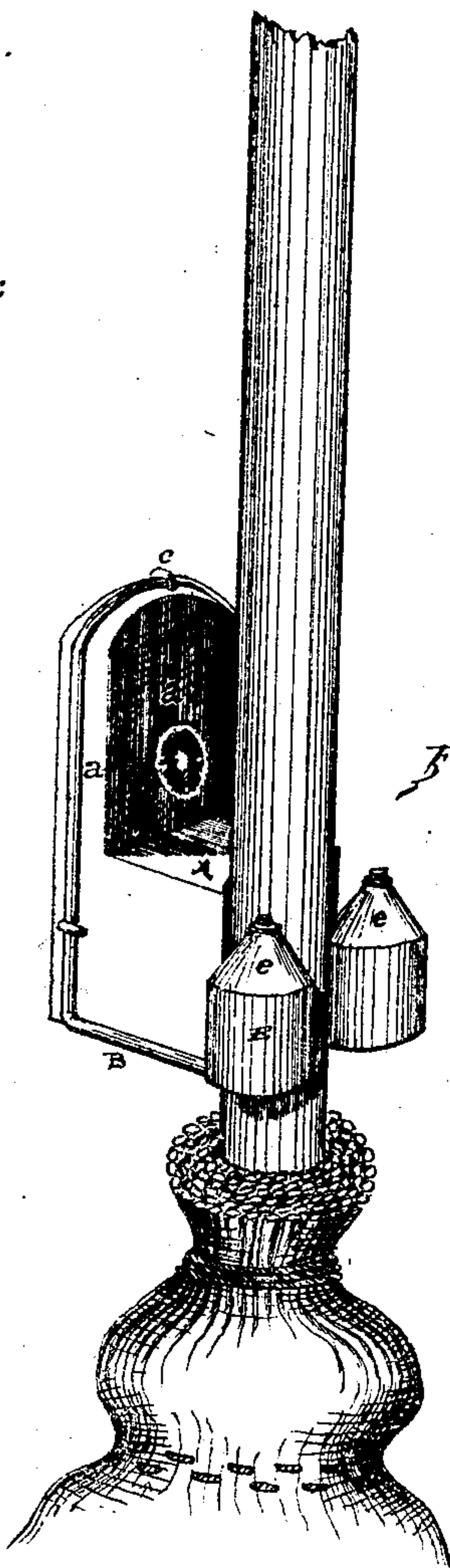
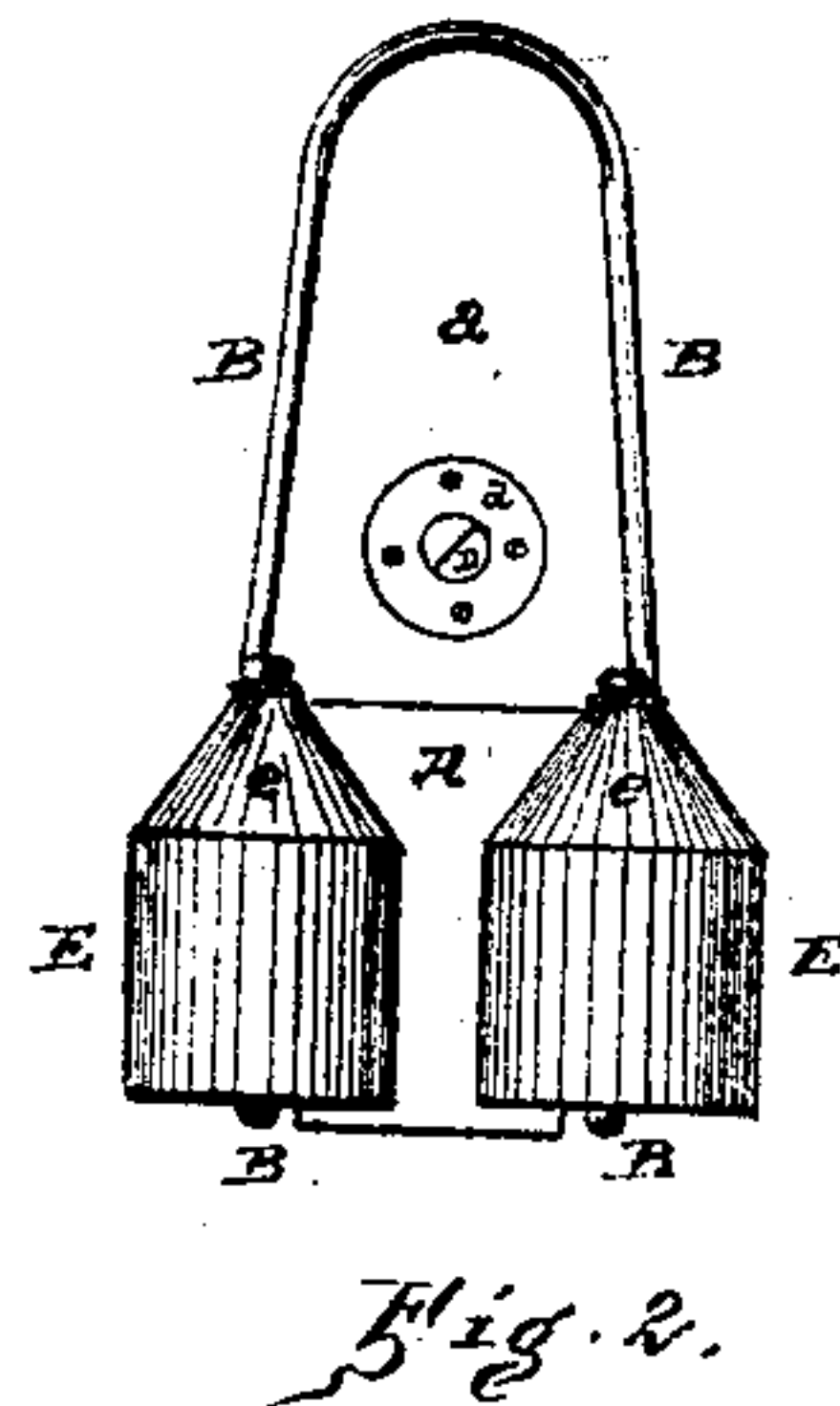
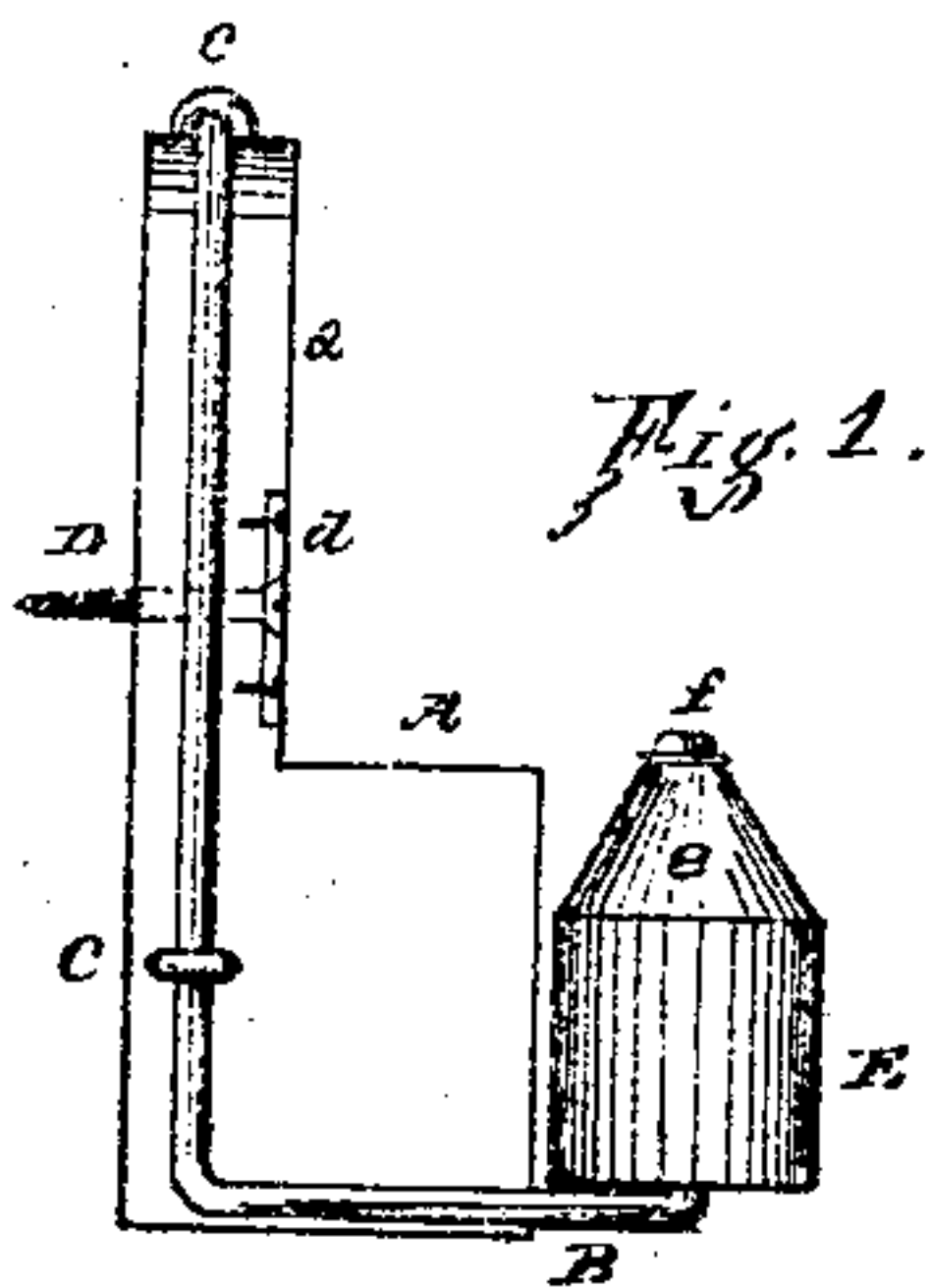


SOLOMON G. GROFF.

Improvement in Brush and Broom Holders.

No. 121,458.

Patented Dec. 5, 1871.



Witnesses.

W. G. Tindal.
W. C. Reed

Inventor.

Solomon G. Groff
per J. Hauffer Atty.

UNITED STATES PATENT OFFICE.

SOLOMON G. GROFF, OF VOGANSVILLE, PENNSYLVANIA.

IMPROVEMENT IN BRUSH AND BROOM-HOLDERS.

Specification forming part of Letters Patent No. 121,458, dated December 5, 1871.

To all whom it may concern:

Be it known that I, SOLOMON G. GROFF, of Vogansville, in the county of Lancaster and State of Pennsylvania, have invented a new and useful Holder for Brush or Broom Handles; and I do hereby declare that the following is a full, clear, and exact description of the same.

The object of my invention is to provide a neat, cheap, and efficient holder for the handles on sweeping-brushes and brooms, easily applied at any desired place.

It is well known that the bristles of brushes and the whisk of corn-brooms, especially, become curved by resting on the floor, or, when set on the ends of the handles when wet is equally injurious. Hence a string is passed through the upper end of the handle for suspending over a nail, the friction wears the string and it requires replacing in a short time, besides it is liable to twist, and cause waste of time, and, in order to clear the broom from the floor, puts it out of the reach of children old enough to sweep. To overcome these objections, I invented said holder.

The accompanying drawing shows the construction and use of the same.

Similar letters refer to corresponding parts of the holder.

Figure 1 is a side elevation; Fig. 2, a front view; Fig. 3, a perspective view, (reduced in size,) to show a broom held.

The block may be of wood, or any suitable material; and consists of a projecting base, A, slightly bevel from the rear forward on the sides, the front portion being made concave on its vertical face to adapt it for the reception of the handle. This projecting portion A is extended upward, forming the back piece *a*. This is oval or rounded above. On the sides there is shown a washer, *d*, for the screw D, on which it may swing or be firmly fastened. This block A *a* is of

one piece. Over this and down each side a stout wire, B, is bent and secured centrally on top and on each side near the bottom by staples *c*. The ends of said wire B are turned out below horizontally and then vertically so as to form bearings or shafts for the rollers E. These rollers E have conic tops *e* and a washer, *f*, around the wire, headed on the top. These rollers are slightly apart, and are anti-friction, freely moving on their axles, the wire, which also performs the office of a spring. It is only necessary to suspend the holder by the screw D and press the broom or brush-handle against the rollers E E and open space between them, which causes the rollers to yield on their spring-like bearings and to revolve and carry the handle into the vertical groove in the holder A, and being pressed on both sides by the spring-action of the wire, the handle is clamped and held in position at any point. It is as easily removed by simply laying hold of the handle. A slight central pull causes the spring-rollers to deliver the same as readily as they receive and hold it.

I am not aware of any device substantially made in the manner and for the purpose of holding brush or broom handles was ever known or used before.

What I claim as my invention, and desire to secure by Letters Patent, is—

The arrangement of the broom or brush handle holder A *a*, spring wire and bearings for the rollers in a continuous piece B, in combination with the anti-friction rollers E *e*, suspended and operating substantially in the manner and for the purpose specified.

SOLOMON G. GROFF.

Witnesses:

M. BURKHOLDER,
E. BURKHOLDER.

(22)