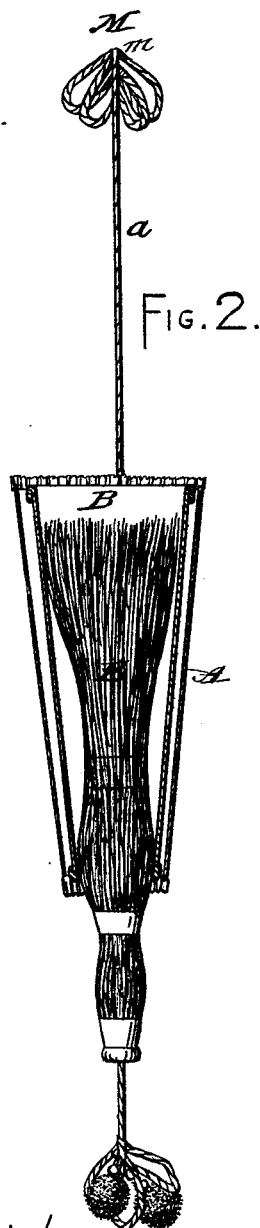
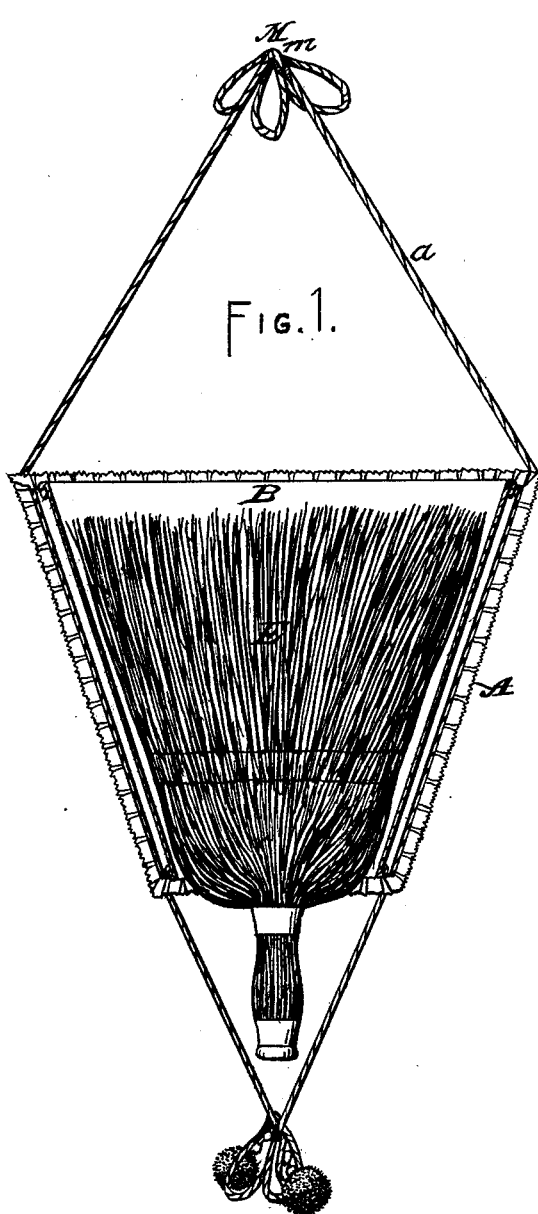


D. G. MULFORD.
Whisk-Broom Holders.

No. 221,739.

Patented Nov. 18, 1879.



— WITNESSES: —

E. B. Bolton
Chas. C. Stetson

— INVENTOR: —

D. Gardner Mulford
by his atty,
Thomas L. Stetson

UNITED STATES PATENT OFFICE.

D. GARDINER MULFORD, OF BROOKLYN, NEW YORK, ASSIGNOR TO HIMSELF
AND CHARLES E. BALTZ, OF RAHWAY, NEW JERSEY.

IMPROVEMENT IN WHISK-BROOM HOLDERS.

Specification forming part of Letters Patent No. **221,739**, dated November 18, 1879; application filed
January 23, 1879.

To all whom it may concern:

Be it known that I, DAVID GARDINER MULFORD, of Brooklyn, in the county of Kings and State of New York, have invented certain new and useful Improvements relating to Whisk-Broom Holders; and I do hereby declare that the following is a full and exact description thereof.

I employ an ornamental case open at both top and bottom, and adapted to be hung on the wall of a room by a cord joining the upper corners. In my experiments I have made this of perforated card-board, ornamented in any suitable manner. Within this I provide a plain case of tinned sheet-iron or analogous strong and hard material, of tapered form, open also at top and bottom. The strong metal receives all the abrasion, and protects the more delicate external case from injury in roughly inserting and drawing through the broom.

It will be understood that the construction is flattened in form, corresponding approximately to the form of a whisk-broom, and that it is of such size that the handle of the broom, when thrown in handle downward, may protrude through the bottom without the entire broom falling through.

It is also to be understood that the sizes should be so proportioned to each other that the broom may be drawn down through by grasping the handle and giving a vigorous downward pull.

The accompanying drawings form a part of this specification.

Figure 1 is a central vertical section, and Fig. 2 is a corresponding section at right angles to the view in Fig. 1.

Similar letters of reference indicate like parts in both the drawings.

A is the richly-decorated external case, and *a* the cord by which it is suspended to a nail or other object, *m*, fixed in the wall M.

B is the inner case. It is made of strong sheet-iron tinned, and is either simply folded over or is regularly "hemmed" or wired at the upper and lower edges. It is tapered and flattened, as shown, and is of such size as to be nicely embraced within the case A when dropped in at the top.

The part B should be sufficiently strong to

relieve the fragile case A from abrasion, and at the same time capable of yielding to a sufficient force. If it is found to let the broom B fall through, it is simply necessary to lift out the inner case, B, and strongly compress its base together flatwise until it takes a "set" and will retain the broom. If it drops it too far, the inner case, B, should be compressed together. If it does not allow it to be drawn down through with the pull of the hand, it should be strained open. In either or any adjustment it is removed from the outer casing, A, for the purpose, and when adjusted is again inserted in the outer case. Thus the decorations on the exterior of A are preserved from strain.

If necessary in any case, the exterior casing, A, may be removed and replaced by a fresh-made one after the first has become soiled.

The strong inner case will serve for an indefinite number of outer cases.

Many modifications may be made in the details. The inner case, B, may be made of one or more pieces with soldered joints, or it may be drawn from a short large tube without joint. It may be made of various strong and slightly-bending materials, as brass or copper, plain or nickel-plated.

The outer case may not only be variously decorated, but may be either stiff or flexible, at will.

The inner case, B, will always stand open with sufficient rigidity to allow the broom to be dropped in without requiring the other hand to open it.

I claim as my invention—

The combination of the exterior casing, A, and suspending means *a* with the separate and removable inner case, B, both being flattened and open at the top and bottom, and adapted to receive, retain, and allow the withdrawal of a broom, substantially as herein set forth.

In testimony whereof I have hereunto set my hand this 22d day of January, 1879, in the presence of two subscribing witnesses.

D. GARDINER MULFORD.

Witnesses:

EDWARD D. STAFFORD,
E. B. BOLTON.