

(No Model.)

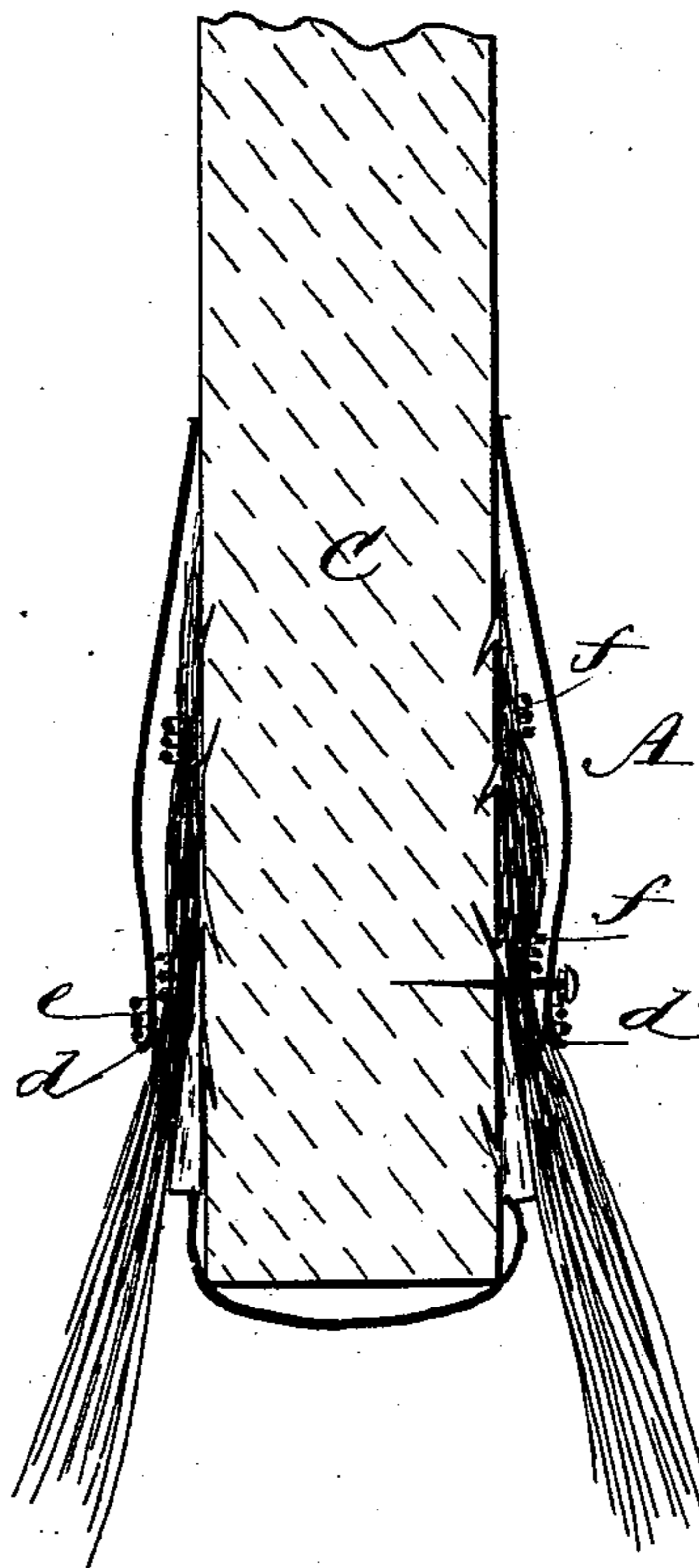
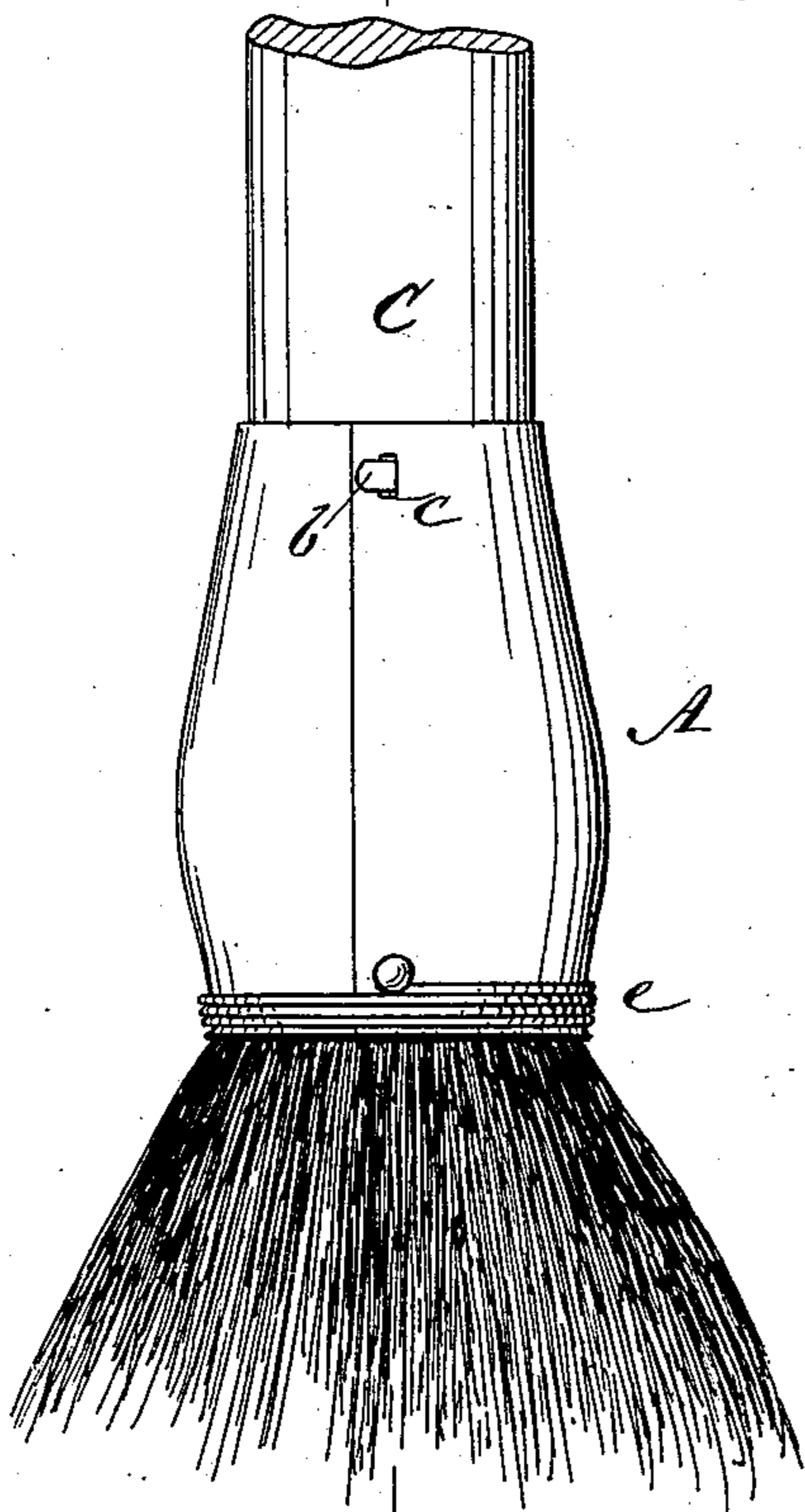
N. W. DEW & C. F. ROBERTSON.

SHIELD FOR BROOMS.

No. 308,470.

Patented Nov. 25, 1884.

Fig. 1 *Fig. 2*



WITNESSES:

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UNITED STATES PATENT OFFICE

NEIL W. DEW AND COLUMBUS F. ROBERTSON, OF CHARLESTON, ILLINOIS.

SHIELD FOR BROOMS.

SPECIFICATION forming part of Letters Patent No. 308,470, dated November 25, 1884.

Application filed December 28, 1883. (No model.)

To all whom it may concern:

Be it known that we, NEIL W. DEW and COLUMBUS F. ROBERTSON, of Charleston, in the county of Coles and State of Illinois, have
5 invented certain new and useful Improvements in Shields for Brooms, of which the following is a full, clear, and exact description.

Our invention, which is mainly designed for parlor and other fine brooms, consists of a
10 safety-shield of novel construction for covering that portion of the broom where the broom straws or stems are joined to the stick or handle. Its main object is to dispense, to a large extent, with the usual labor of winding and
15 braiding binding-wire, as usual in the manufacture of brooms at the present time, thereby conducing largely to economy in the construction of these articles, and at the same time giving an elegant and durable finish to
20 the broom, and saving the velvet or cloth ordinarily used as a covering in conjunction with the binding-wire above what is known as the "bulge."

Reference is to be had to the accompanying
25 drawings, forming a part of this specification, in which similar letters of reference indicate corresponding parts in both the figures.

Figure 1 represents an exterior longitudinal view of a broom in part having our invention applied. Fig. 2 is a longitudinal section
30 of the same.

A in Figs. 1 and 2 is the shield, which is formed of or from a sheet-metal blank in any suitable manner, with a bulge between its ends,
35 as shown. Said shield is provided at one of its ends, near its inner curved edge, with a small tongue, *b*, which forms an integral portion thereof, and it is also made with a slot, *c*, at its opposite end for said tongue to pass
40 through and lock with by being bent over when or after the shield is placed on the broom. This constitutes a secure and durable fastening for the shield at its one end, the opposite end of which has its edge curved outward to form a flange, *d*, for the purpose of
45 retaining in its place a holding-wire, *e*, which has a few turns given it around the shield immediately above said flange.

The safety-shield constructed as described
50 gives a perfect finish between the two ends of

it, doing away with the usual cloth or velvet covering used on fine or parlor brooms, and the wires *f*, for securing the broom straws or stems on the stick or handle *C*, may be applied and fastened in the manner usually
55 adopted for the manufacture of "ring-neck" or common brooms. It also gives a more durable and secure fastening than other covering devices extending only partially down over the inner end portion of the broom handle or
60 stick, and, bulging or swelling and shaped as shown, it acts as a correct "hurl-gager," thus conducing to economy, as the "hurl" is ordinarily one of the most expensive parts of a broom.

We are aware that a shield for brooms has been formed of paper-pulp and made bulging between its ends; also, that a sheet-metal shield for brooms has been formed from a segmental blank, having holes for securing-rivets; also, that a girdle for paint-brushes has
70 been formed from a blank having tongues and slots on its opposite ends and loops between said tongues and slots for engaging hooked steel clasps that catch on the brush-head; also, that a shield or ferrule for brooms has been formed from a blank having depending lips at its opposite lower corners, two beads or shoulders being formed, one above the other, at the lower edge of the blank. The blank was se-
80 cured to the broom by rivets passing through the overlapped edges and lips, and by a wire wound between the said beads or shoulders, and we do not desire to claim, broadly, any such construction as of our invention.

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

As an improved article of manufacture, the broom-shield *A*, formed with the tongue *b* and
90 slot *c* at the upper ends of its vertical edges, flange *d* along its lower edge, and the bulge between the upper and lower edges, substantially as shown and described.

NEIL W. DEW.
COLUMBUS F. ROBERTSON.

Witnesses:

JOHN J. DOYLE,
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