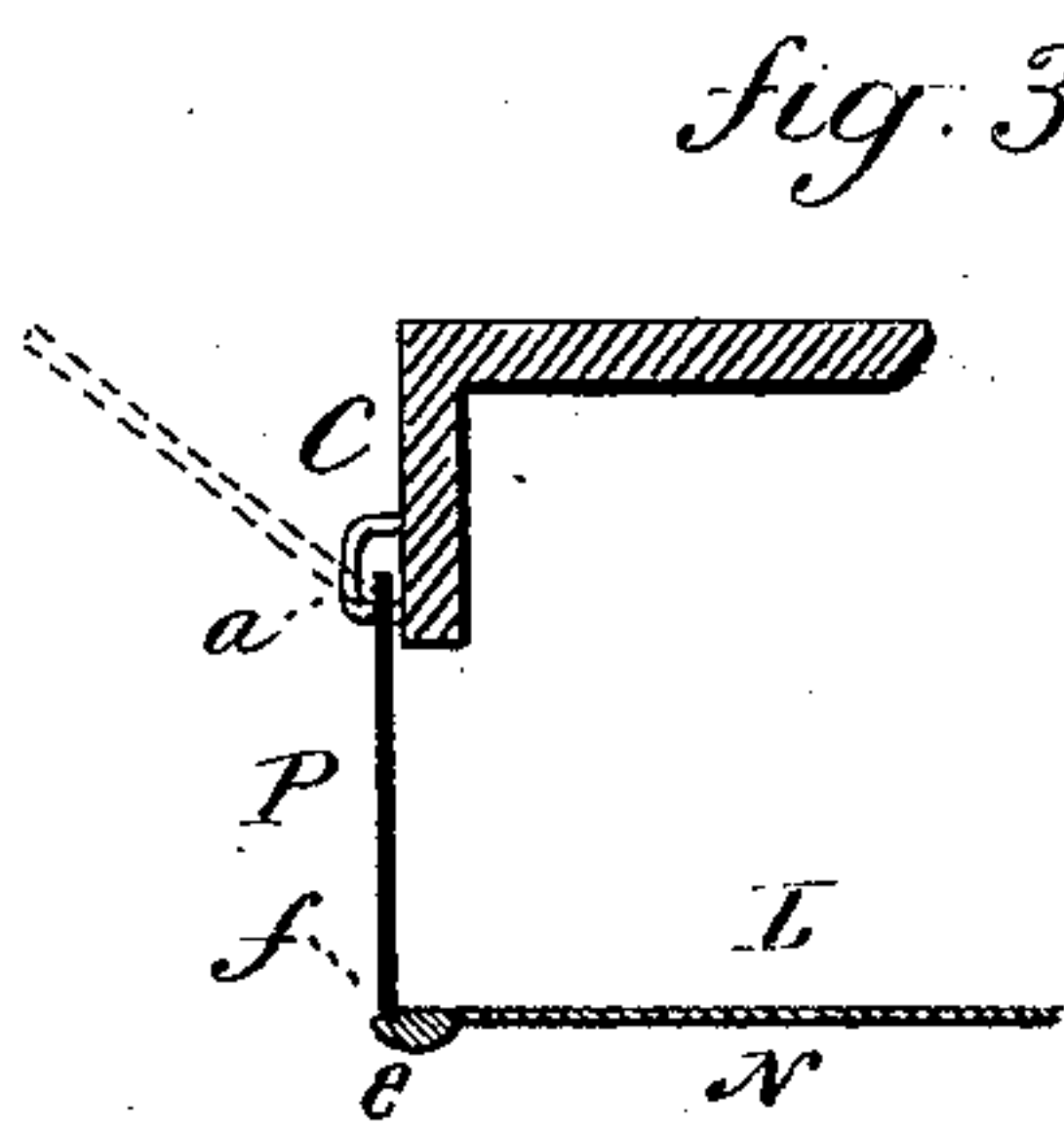
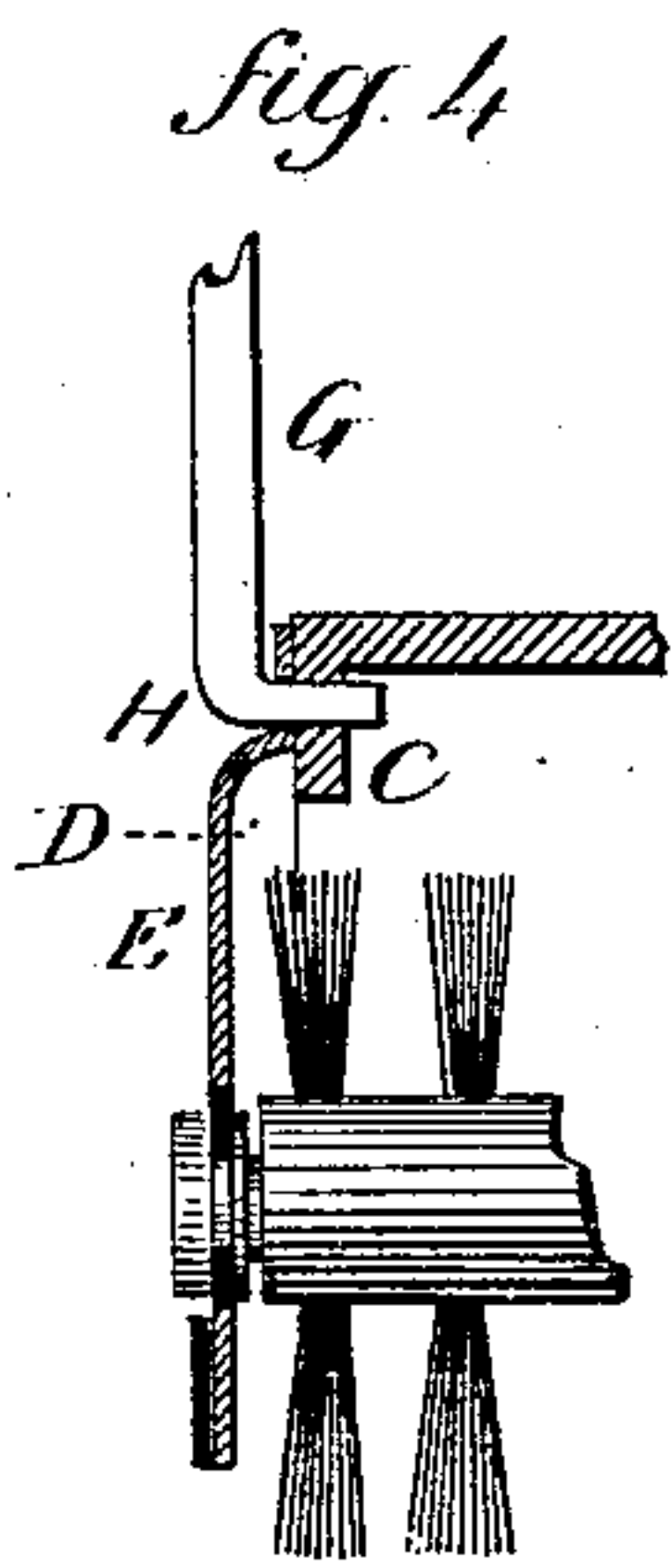
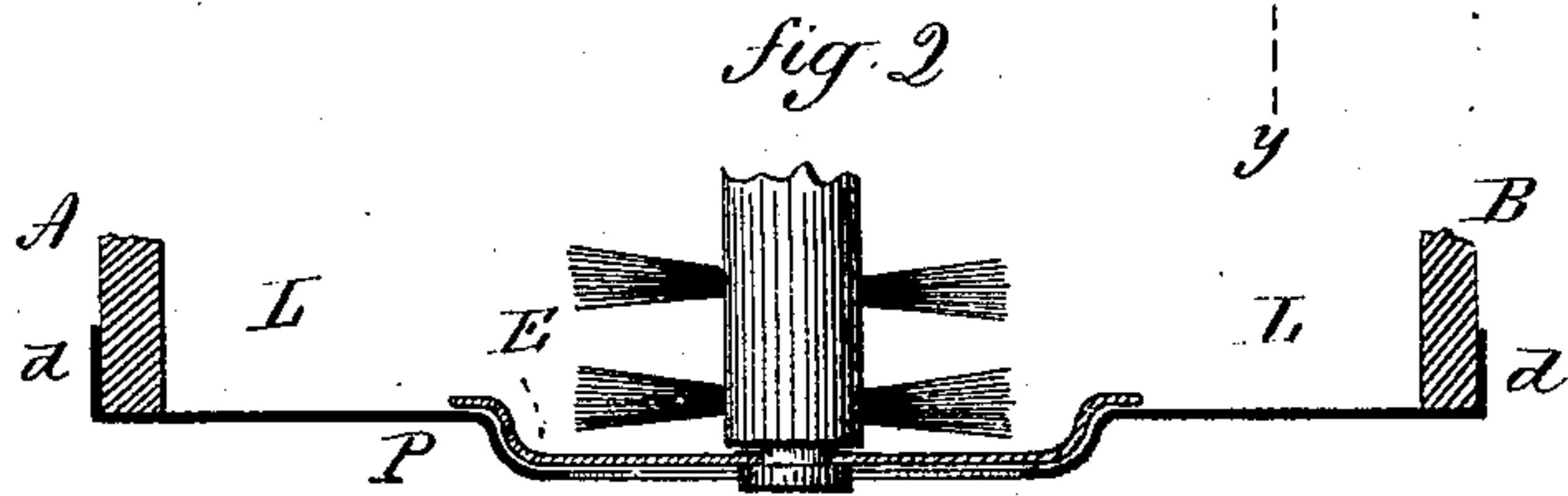
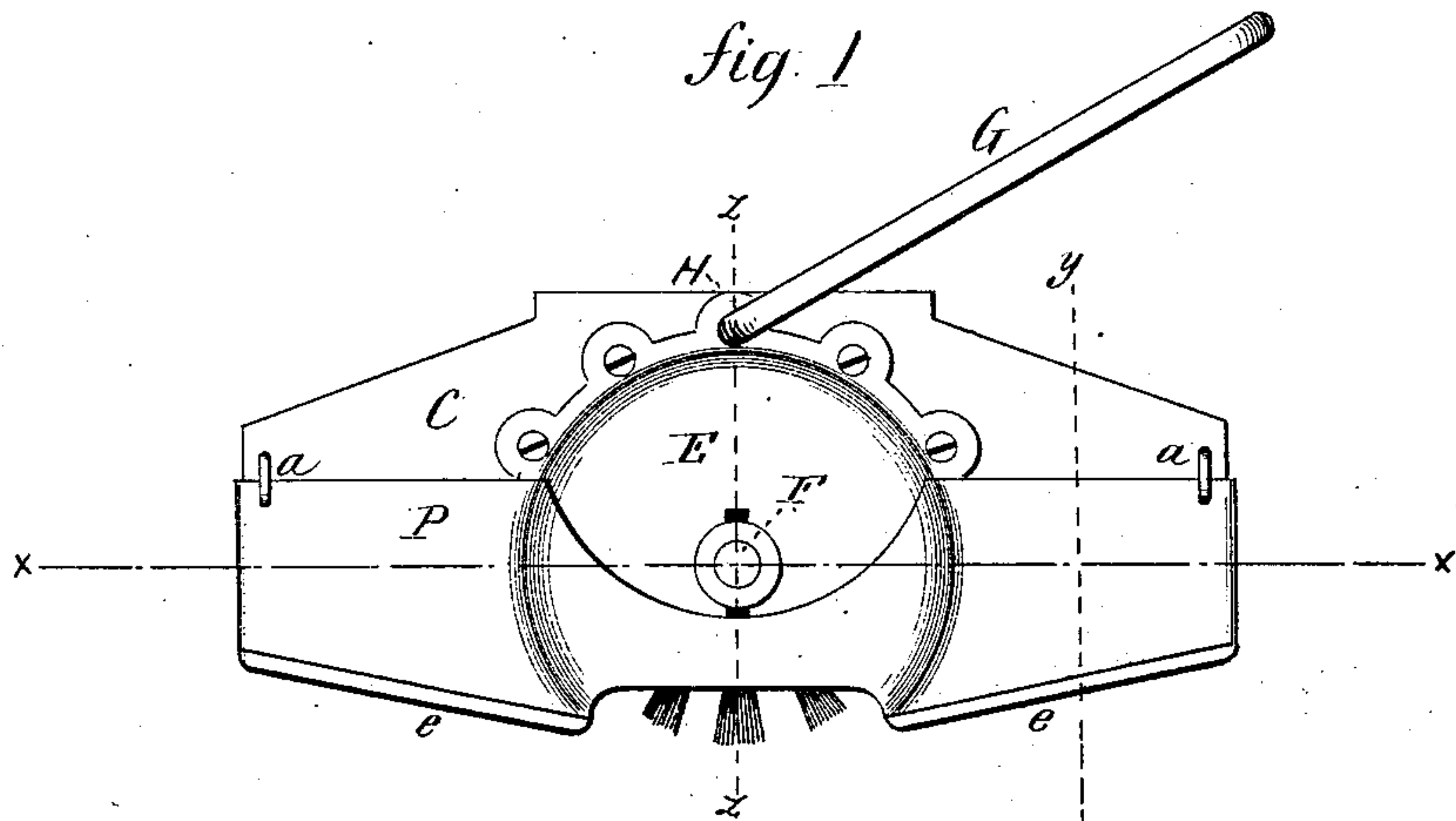


(No Model.)

H. A. MUELLER.
Carpet Sweeper.

No. 243,291.

Patented June 21, 1881.



Witnesses.

J. H. Shumway.
L. D. Rogers.

Henry A. Mueller
Inventor.

By atty:

Wm. F. Paul

UNITED STATES PATENT OFFICE.

HENRY A. MUELLER, OF NEW HAVEN, CONNECTICUT, ASSIGNOR TO MARIA WIEDERSUM, OF NEW YORK, N. Y.

CARPET-SWEEPER.

SPECIFICATION forming part of Letters Patent No. 243,291, dated June 21, 1881.

Application filed February 12, 1881. (No model.)

To all whom it may concern:

Be it known that I, HENRY A. MUELLER, of New Haven, in the county of New Haven and State of Connecticut, have invented a new
5 Improvement in Carpet-Sweepers; and I do hereby declare the following, when taken in connection with the accompanying drawings and the letters of reference marked thereon, to be a full, clear, and exact description of the
10 same, and which said drawings constitute part of this specification, and represent, in—

Figure 1, an end view; Fig. 2, a horizontal section on line *x x*; Fig. 3, a vertical section on line *y y*; Fig. 4, a section on line *z z*.

15 This invention relates to an improvement in carpet-sweepers.

The object of the invention is to bring the end of the brush as close to the outside of the sweeper as possible, and also to improve the
20 dumping of the sweepings; and the invention consists in the construction as hereinafter described, and particularly recited in the claims.

A B represent the two sides of the box; C, the wood end. At the center in the wood end
25 a cavity, D, is cut, a little larger than the circumference of the brush, and over this a metal cap, E, is placed, preferably projecting beyond the end of the box, as seen in Fig. 4, and with a flange, by which it is secured to the wood end
30 of the box, as seen in Fig. 2. Centrally in this cap a bearing, F, is made for the shaft of the brush. The bail G is attached to the end of the box above the cap E, as at H, Figs. 1 and 4. This construction carries the brush beyond
35 the end of the box, so as to leave only the thin metal of the cap between the brush and the base-board of the room.

The cap may be flat or without projection, in case the bail is attached to the top of the box.

40 An opening is made at the end into each dust-receptacle L, in the usual manner. To close these openings and afford a convenient means for opening, I hinge a thin metal cap, P, to the end of the box, as at *a a*, so that it
45 may be turned up, as in broken lines, Fig. 3,

to open the dust-pans, and turned down, as shown in several figures, to close them.

At each end of the cover the metal is turned around onto the sides, as at *d d*, to form a clasp to engage the sides of the box and hold the
50 cover in its closed position, the projection *d* having sufficient elasticity to grasp the sides of the box.

On the bottom N of the dust-pans L, and immediately below the opening, a metal rib, *e*,
55 runs the length of the opening and projects slightly outward, as seen in Fig. 3, to serve the purpose of stiffening the pan at the mouth, and also to form a rabbet or shoulder, *f*, onto which the cover P will strike or bear.
60

I do not broadly claim a carpet-sweeper having a metal end, so that the brush may extend to within the thickness of the metal of the outside; neither do I claim a carpet-sweeper having a wood end with a recess upon the inside,
65 into which the brush will set; neither do I broadly claim a carpet-sweeper having the dust-pans open at one end, closed by a hinged cover, as such I am aware is not new; but

What I do claim is—

70 1. In a carpet-sweeper in which the end of the box is wood, a recess cut through the end, corresponding substantially to the circumference of the brush, and into which recess the brush extends, combined with a metal cap, E,
75 secured to the wood end as a cover for said recess, and in which cover the end of the brush takes its bearing, substantially as described.

2. In a carpet-sweeper provided with dust-pans each side the brush and opening at one
80 end, the metal cover P, hinged to the end of the box above the openings, with extension *d* at each side, to clasp onto each side of the box, combined with the rib *e* at the bottom, constructed with a shoulder, *f*, onto which the
85 cover will strike, substantially as described.

HENRY A. MUELLER.

Witnesses:

JOHN E. EARLE,
J. H. SHUMWAY.