

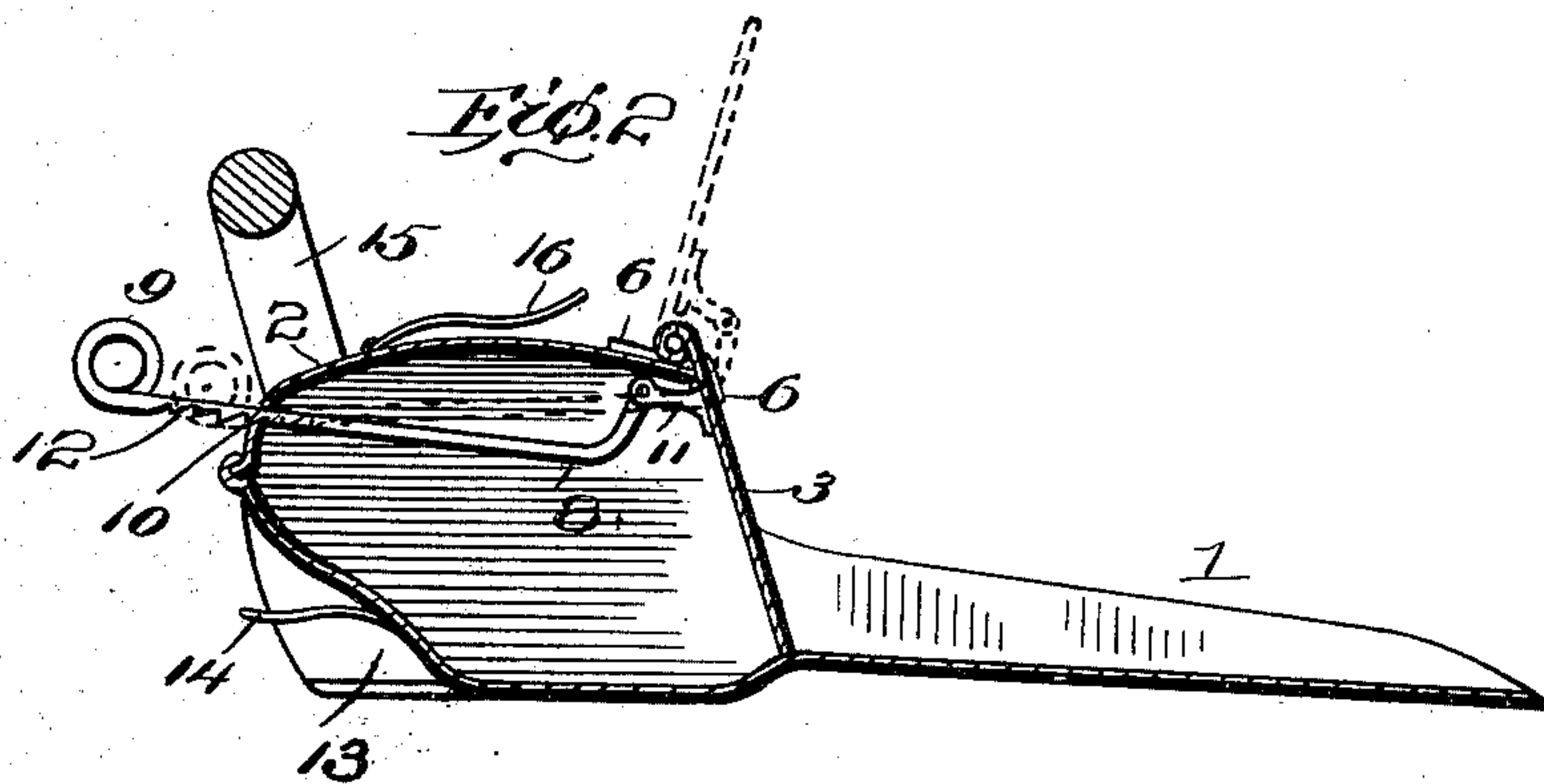
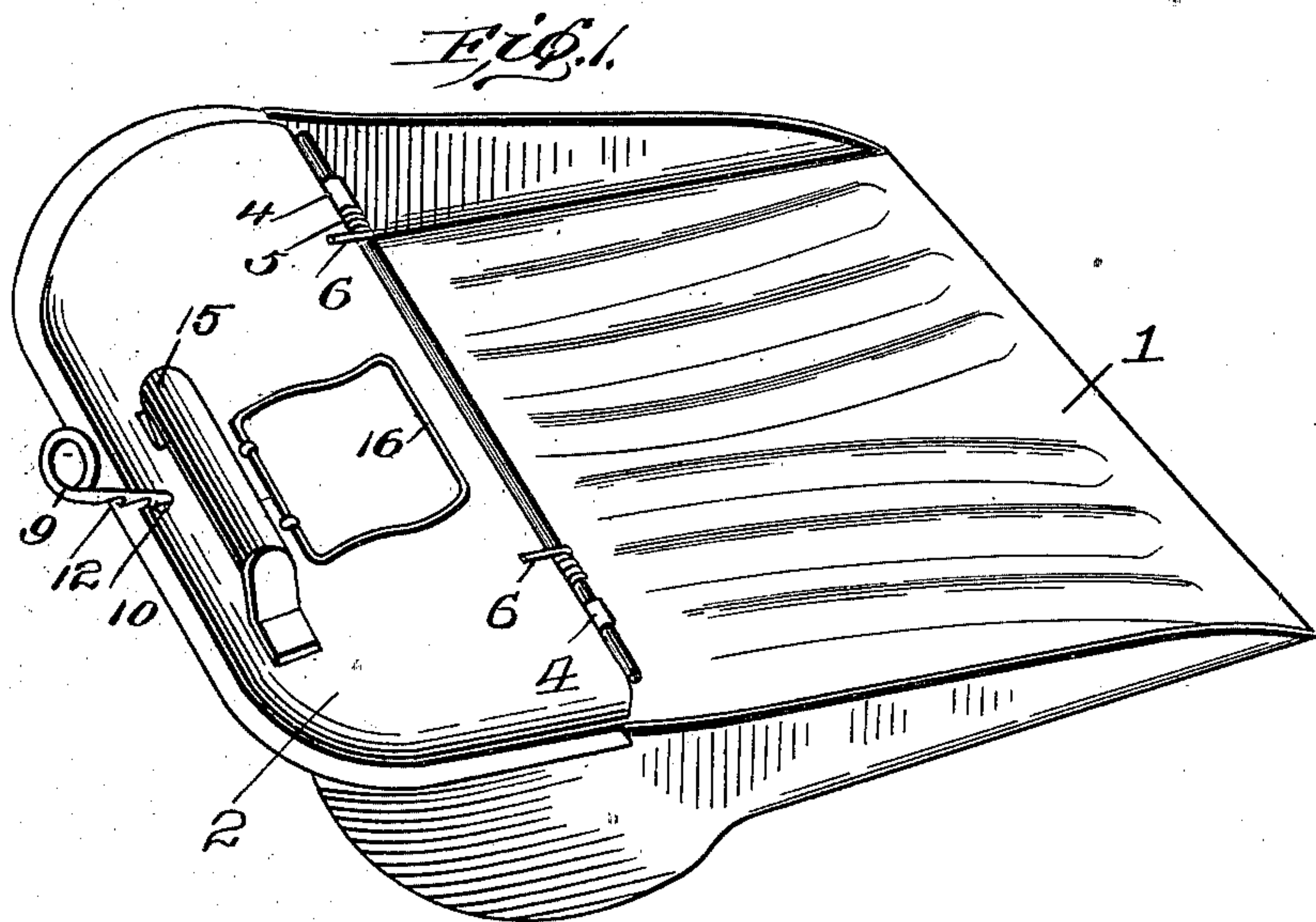
No. 735,360.

PATENTED AUG. 4, 1903.

A. M. FURROW.
DUST PAN.

APPLICATION FILED MAR. 11, 1903.

NO MODEL.



Witnesses
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UNITED STATES PATENT OFFICE.

ANNIE M. FURROW, OF WASHINGTON, DISTRICT OF COLUMBIA, ASSIGNOR OF
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DUST-PAN.

SPECIFICATION forming part of Letters Patent No. 735,360, dated August 4, 1903.

Application filed March 11, 1903. Serial No. 147,226. (No model.)

To all whom it may concern:

Be it known that I, ANNIE M. FURROW, a citizen of the United States, residing at Washington, District of Columbia, have invented
5 new and useful Improvements in Dust-Pans; and I do hereby declare the following to be a full, clear, and exact description of the invention, such as will enable others skilled in the art to which it appertains to make and
10 use the same.

The invention relates to improvements in dust-pans, and has for its object to provide a simple, inexpensive, and efficient dust-pan adapted to be held in proper operative position on the foot of a person to obviate the necessity of the person using it bending over each time dust is brushed into the pan, thereby enabling the person using it to remain in a comfortable upright position and to handle
20 a broom or similar device effectively.

A further object of the invention is to provide a dust-pan having a dust-receiving casing adapted to be maintained in an open position to permit dust to enter and capable of
25 being readily closed when desired.

Another object of the invention is to provide a dust-pan adapted to fit any foot and capable also of being used by hand similar to an ordinary dust-pan when desired.

30 The invention consists in the construction and novel arrangement of parts hereinafter described and shown, and particularly pointed out in the claims hereto appended.

In the drawings forming part of this specification and in which like numerals of reference designate corresponding parts, Figure 1 is a perspective view of a dust-pan constructed in accordance with this invention. Fig. 2 is a longitudinal sectional view of the same.

40 Referring to the drawings, 1 designates a dust-pan constructed of any suitable material and provided with a covered rear portion, to the top 2 of which is hinged a door 3, arranged in a slightly-inclined position when
45 closed, as clearly shown in Fig. 2. The hinges 4 are located at the upper edge of the door and the latter is held normally closed by a pair of coiled springs 5, having extended terminals 6 and forming arms and secured, respectively, to the upper face of the top 2 and
50 to the outer face of the door, which is auto-

matically closed by the said hinges when the door is free to move.

The door is opened by an operating-rod 8, coiled at its rear end at 9 and extended
55 through a slot or opening 10 of the rear portion of the top of the casing. The rod 8 has its front end curved upward and pivoted to an arm 11, which extends rearward from the inner face of the door, near the top thereof.
60 The rear portion of the rod is provided at the bottom with a series of shouldered notches 12, arranged to engage the top 2 of the casing at the bottom of the slot or opening, whereby the door is maintained in an opened position
65 to permit dust to be swept into the rear portion of the dust-pan.

The back of the dust-pan is provided near the bottom with an inwardly-tapered socket 13, formed by indenting the rear wall and extending the bottom, as shown. This socket is adapted to receive the front portion of a foot, and in order to enable a dust-pan to fit on any foot a spring 14 is provided. The spring
70 14, which has its front end secured to the wall of the socket at the front thereof, is curved and presents a lower concave face, and its outer end is bent upward slightly to provide a smooth engaging portion. The dust-pan is firmly but yieldably clamped to the foot of
80 the wearer by the spring and is adapted to fit any foot.

The dust-pan is provided at its back with an upwardly-extending handle 15 to permit it to be handled like an ordinary dust-pan.
85 A spring-clip 16, of approximately rectangular form, is mounted upon the top of the casing for conveniently holding a brush or whisk-broom.

In use the dust-pan is placed on a foot of a person and the door is held open by the operating-rod, which is maintained in engagement with the casing by gravity. When it is desired to close the door, the rod is lifted out of engagement with the top of the casing and
95 the springs effect the closing movement.

What I claim is—

1. The combination of a dust-pan provided with a covered rear portion, a spring-actuated door depending from the front of the
100 covered portion and hinged to the same, and a gravity-acting operating-rod connected with

the door and provided with means for engaging the dust-pan for holding the door open, substantially as described.

2. The combination of a dust-pan having a
5 covered rear portion and provided in the top thereof with an opening, a door hinged to the top of the dust-pan and depending therefrom and a gravity-acting operating-rod connected with the door and extending through the
10 opening and provided with notches for en-

gaging the dust-pan at the opening, substantially as described.

In testimony whereof I have hereto affixed my signature in the presence of two witnesses.

ANNIE M. FURROW.

Witnesses:

DEAN SWIFT,
JNO. T. MEANY.