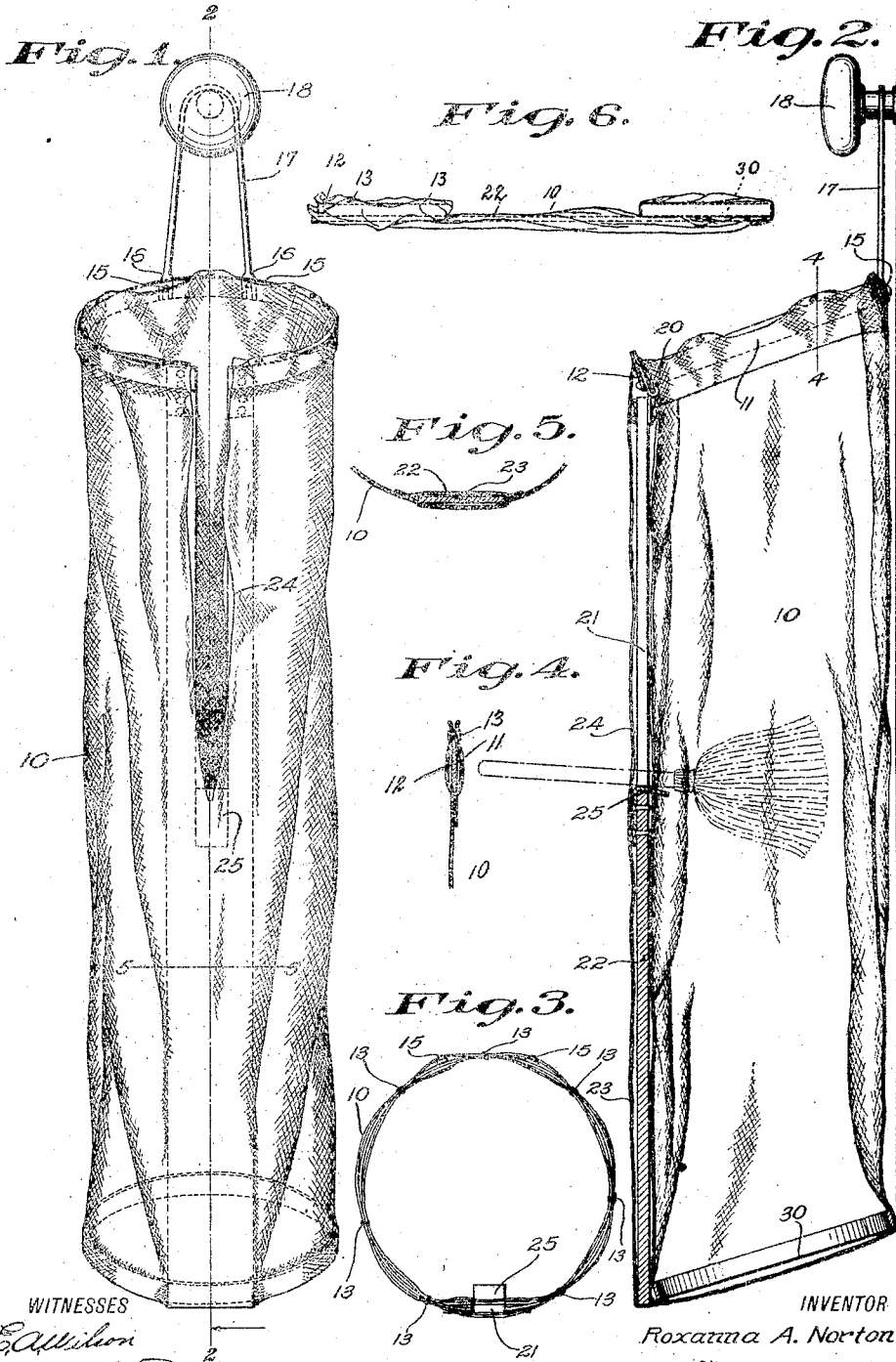


R. A. NORTON.
DUST BAG.
APPLICATION FILED OCT. 24, 1919.

1,378,607.

Patented May 17, 1921.



WITNESSES
E. A. Norton
R. A. Norton

INVENTOR
Roxanna A. Norton
BY *Munn & Co.*
ATTORNEYS

UNITED STATES PATENT OFFICE.

ROXANNA A. NORTON, OF NEW YORK, N. Y.

DUST-BAG.

1,378,607.

Specification of Letters Patent.

Patented May 17, 1921.

Application filed October 24, 1919. Serial No. 333,095.

To all whom it may concern:

Be it known that I, ROXANNA A. NORTON, a citizen of the United States, and a resident of the city of New York, Borough of Manhattan, in the county and State of New York, have invented a new and Improved Dust-Bag, of which the following is a full, clear, and exact description.

The object of the invention is to provide a new and improved dust bag designed for household use and arranged to permit of readily shaking off the dust from a dry mopping duster and to retain such dust without danger of the dust escaping back into the room.

Another object is to permit of readily carrying the dust bag from one room to another and temporarily supporting it from a door knob or similar support within the room which is to be dusted at the time.

Another object is to permit of readily folding up the dust bag to form a small bundle for convenient storing and shipping purposes.

Another object is to permit of conveniently replacing a worn out bag body by a new one whenever it is desired to do so, and to permit of temporarily removing the dust bag body for emptying and washing purposes.

With these and other objects in view, the invention consists of certain novel features of construction as hereinafter shown and described and then specifically pointed out in the claims.

A practical embodiment of the invention is represented in the accompanying drawings forming a part of this specification, in which similar characters of reference indicate corresponding parts in all the views.

Figure 1 is a front elevation of the improved dust bag;

Fig. 2 is a transverse section of the same on the line 2—2 of Fig. 1;

Fig. 3 is a plan view of the same;

Fig. 4 is an enlarged cross section of the upper ring within the hem of the dust bag body;

Fig. 5 is an enlarged sectional plan view of part of the dust bag body and the guiding and striking bar, the section being on the line 5—5 of Fig. 1; and

Fig. 6 is a reduced side elevation of the dust bag with the parts in folded position.

The bag body 10 is made of a suitable textile material and is provided at its mouth

with a hem 11 open at the top and containing a split ring 12 held in place by snap fasteners 13 or other fastening devices arranged on the upper end of the hem 11 to close the open top thereof over the top edge of the ring 12. The rear of the ring 12 is provided with studs 15 engaged by the forked ends 16 of a suspension loop. 17, preferably made of strong wire and adapted to be hooked on to a door knob 18 or other suitable support, it being understood that the loop 17 and the bag body 10 are of an aggregate height corresponding to that from the floor to the door knob 18, so that the bottom of the bag body 10 rests on the floor at the time the loop 17 engages the door knob 18, as plainly shown in Figs. 1 and 2. The side members of the loop 17 are placed under tension when engaging the fork 16 with the studs 15 thus removably holding the fork 16 in engagement with the studs 15.

The ends of the ring 12 are connected by hinges 20 with the upper ends of the members of a fork 21 formed on the upper portion of a bar 22 made of wood and held in a hem 23 arranged on the front of the bag body 10. The hem 23 is provided in its upper portion with a slot 24 registering with the slot formed by the fork 21 of the bar 22 to permit of passing the stick of a dry mopping duster down the said registering slots with the head of the duster extending within the bag body 10, as will be readily understood by reference to the dotted lines in Fig. 2. The bar 22 is preferably made of wood, and the bottom of the fork 21 is provided with a metallic striking plate 25 extending inwardly to permit the user to strike the stick of the duster against the plate 25 with a view to shake off the dust from the head of the duster confined within the bag body 10 at the time. Thus the shaken off dust drops into the bottom of the bag and accumulates therein, but the dust is prevented from rising owing to the head of the duster being within the bag body at the time.

In order to hold the lower end of the bag body 10 in extended position, use is preferably made of a metallic ring 30 fitting loosely into the bottom end of the bag body 10. It is understood that the loop 17 attached to the top ring 11 holds the mouth of the bag open during the time the dust bag is held suspended from a door knob 18, and hence

the user can readily pass the head of the duster through the open mouth of the bag down into the bag with the stick passing down the slot of the fork until the striking plate 25 is reached. When the dust bag is not in use it can be readily folded up into a small bundle by disconnecting the loop 17 from the studs 15 and swinging the ring 12 down on to the inner face of the fork 21, and likewise swinging the bottom ring 30 against the lower portion of the bar 22 and folding the bag body 10 around the bar 22. The dust bag in this folded position can be readily stored away or shipped from one place to another.

Having thus described my invention, I claim as new and desire to secure by Letters Patent:—

1. A dust bag, comprising a bag body provided with a slot extending a distance downward from the mouth of the bag to allow of passing the stick of a duster down the slot with the head of the duster within the bag body, and a bar held on the bag body and extending from the mouth to the bottom of the bag body, the bar having a slot registering with the said bag body slot.

2. A dust bag, comprising a bag body provided with a slot extending a distance downward from the mouth of the bag to allow of passing the stick of a duster down the slot with the head of the duster within the bag body, a bar held on the bag body, the bar having a slot registering with the said bag body slot, and a striking plate at the bottom of the bar slot.

3. A dust bag, comprising a bag body provided with a slot extending a distance downward from the mouth of the bag to allow of passing the stick of a duster down the slot

with the head of the duster within the bag body, a bar held on the bag body and extending from the mouth to the bottom of the bag body, the bar having a slot registering with the said bag body slot, and a suspension loop at the mouth of the bag body for suspending the bag body from a fixed support.

4. A dust bag, comprising a bag body provided with a slot extending a distance downward from the mouth of the bag to allow of passing the stick of a duster down the slot with the head of the duster within the bag body, a bar held on the bag body and extending from the mouth to the bottom of the bag body, the bar having a slot registering with the said bag body slot, a split ring hinged to the upper end of the said bar and to which the mouth of the bag body is attached, the split in the ring registering with the said slots, and a suspension loop attached to the rear of the ring for suspending the bag body and holding the mouth of the bag open.

5. A dust bag, comprising a bag body provided with a slot extending a distance downward from the mouth of the bag to allow of passing the stick of a duster down the slot with the head of the duster within the bag body, a bar held on the bag body and extending from the mouth to the bottom of the bag body, the bar having a slot registering with the said bag body slot, a split ring hinged to the upper end of the said bar and to which the mouth of the bag body is attached, the split in the ring registering with the said slots, a suspension loop attached to the rear of the ring for suspending the bag body and holding the mouth of the bag open, and a ring held loose in the bottom of the bag.

ROXANNA A. NORTON.