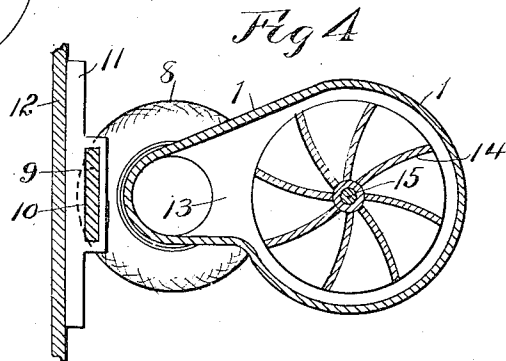
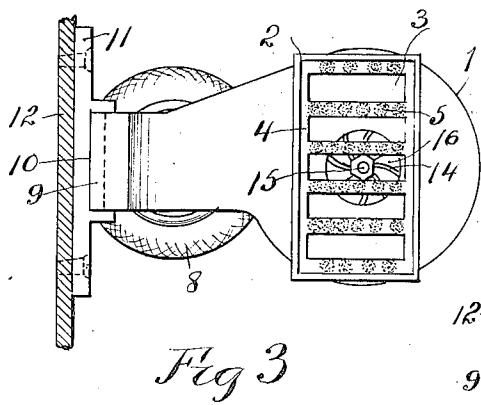
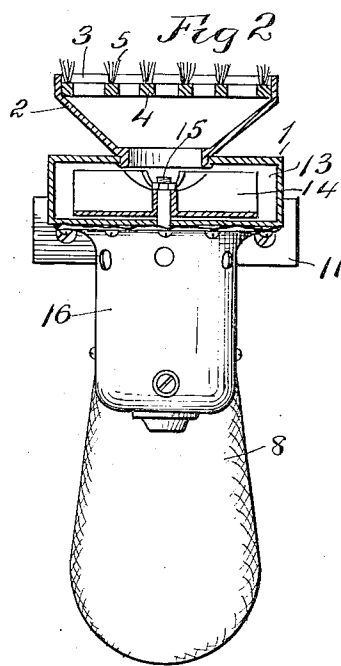
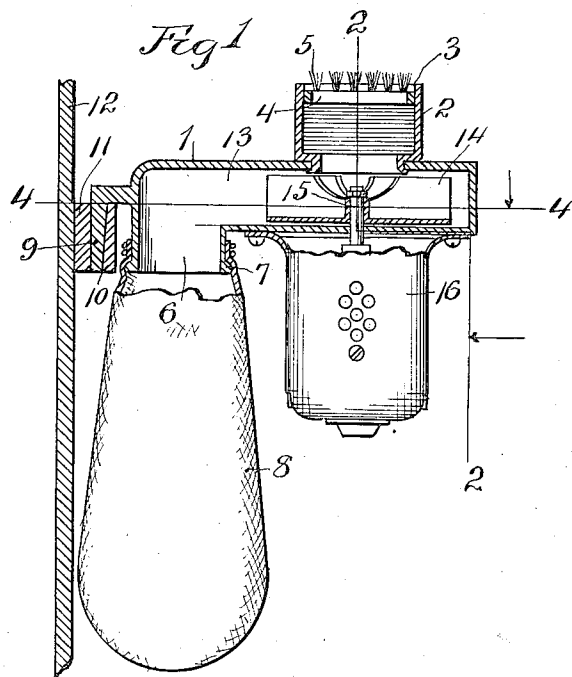


W. J. HAYNES, JR.
ERASER CLEANER.
APPLICATION FILED JULY 30, 1920.

1,416,201.

Patented May 16, 1922.



Witness:

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ERASER CLEANER.

1,416,201.

Specification of Letters Patent.

Patented May 16, 1922.

Application filed July 30, 1920. Serial No. 400,140.

To all whom it may concern:

Be it known that I, WILLIAM J. HAYNES, Jr., a citizen of the United States, residing at Kansas City, in the county of Jackson and State of Missouri, have invented a certain new and useful Improvement in Eraser Cleaners, of which the following is a specification.

My invention relates to improvements in eraser cleaners.

The object of my invention is to provide an eraser cleaner which is simple in construction, cheap to make, durable, not liable to get out of order, which is compact, which can be quickly attached to or removed from a wall and which is efficient in operation.

The novel features of my invention are hereinafter fully described and claimed.

In the accompanying drawings, which illustrate the preferred embodiment of my invention,

Fig. 1 is a view, partly in vertical section and partly in side elevation, of my improved eraser cleaner.

Fig. 2 is a vertical sectional view on the line 2—2 of Fig. 1.

Fig. 3 is a top view of the same,

Fig. 4 is a horizontal section on the line 4—4 of Fig. 1.

Similar reference characters designate similar parts in the different views.

1 designates a casing having on its upper side a tubular portion 2 having in its upper end an opening 3 comprising an air inlet, across which extends a perforate brush 4, the bristles 5 of which project above the upper edge of the inlet portion 2.

The casing is provided at one side with a downwardly extending nozzle 6 having an external peripheral flange 7 and adapted to be inserted into the mouth of a dust receiving bag 8, which is adapted to be removably mounted on the nozzle.

The casing is provided with a downwardly extending projection or hook 9 which is adapted to be removably inserted in a vertical hole 10, in a bracket 11 which is adapted to be fastened to a wall 12.

The casing is provided with a passage 13 which connects the inlet 3 with the nozzle 6.

In the passage 13, directly below the inlet 3, is a fan 14 which is secured to and ro-

tatable with a vertical shaft 15, which is in alinement with the inlet 3 and which extends through the bottom of the casing 1 and is the drive shaft of a suitable motor 16 which is secured to the under side of the casing 1.

In the operation of my invention, when the motor is operated, the fan 14 is rotated, thus drawing air through the brush 4 and inlet 3 and forcing the air thus drawn through the nozzle 6 into the dust bag 8 through the wall of which the air escapes, leaving the dust in the bag. The eraser to be cleaned is rubbed over the bristles 5 and the incoming air sucks the dust with it into the casing.

The casing may be removed at any time from the bracket 11, by drawing the projection 9 from the hole 10. This may be done when it is desired to empty the bag without removing the bag from the casing in the room where the apparatus is used.

I do not limit my invention to the structure shown and described, as many modifications, within the scope of the appended claims, may be made without departing from the spirit of my invention.

What I claim is:—

1. In an eraser cleaner, a casing having a discharge nozzle having a hook, the casing having an air inlet, a brush across said inlet, means for drawing air through said inlet and for discharging the air through the nozzle, and a bracket adapted to be attached to a wall and having a hole for receiving said hook to support said casing, substantially as set forth.

2. In an eraser cleaner, a casing having a nozzle which extends laterally and downwardly and is adapted to support a dust bag and which is provided at its outer end with a downwardly extending hook, the casing having an air inlet, a brush across said inlet, means for drawing air through said inlet and for discharging the air through the nozzle, and a bracket adapted to be fastened to a wall and having a hole adapted to have fitted therein said hook for supporting said casing, substantially as set forth.

In testimony whereof I have signed my name to this specification.

WILLIAM J. HAYNES, JUNIOR.