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R. DABBS

2,671,237

DRY MOP CLEANER

Filed Dec. 30, 1949

FIG. 1

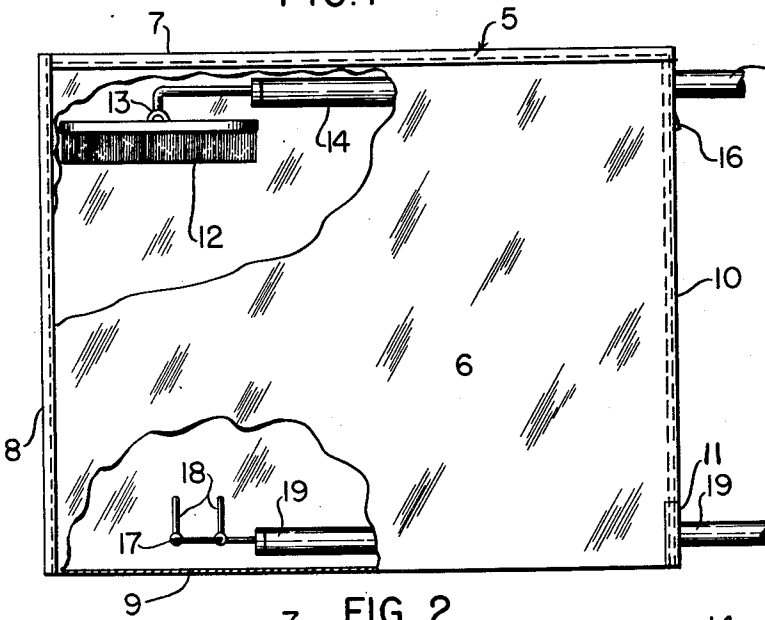


FIG. 2

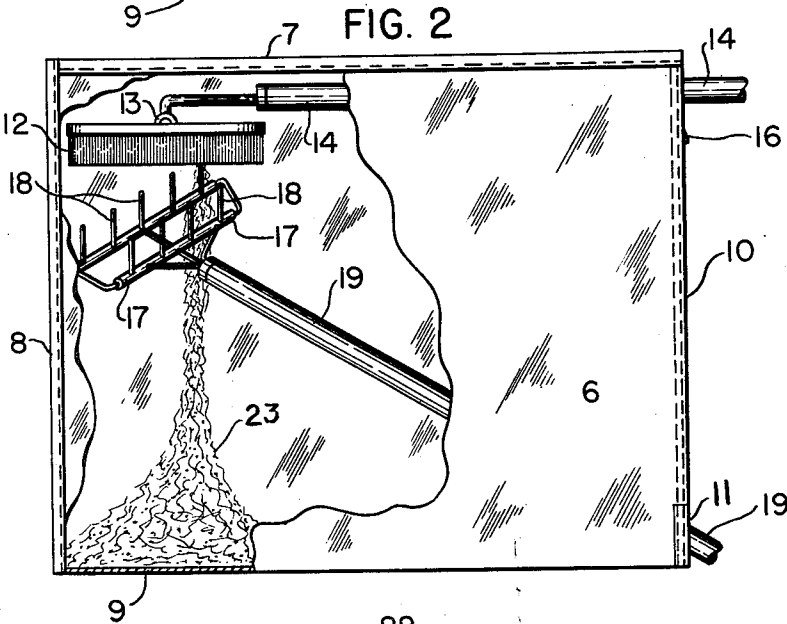


FIG. 3

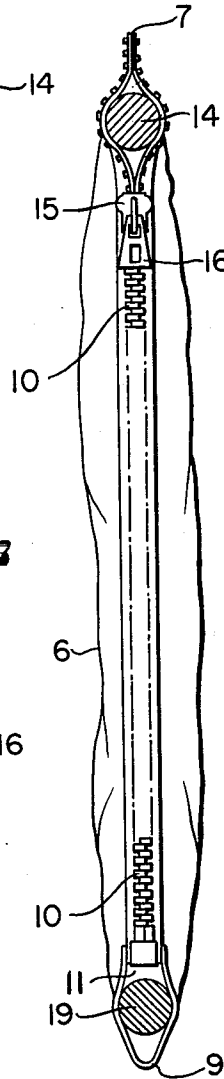
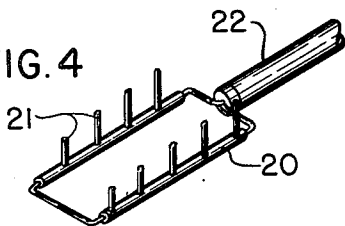


FIG. 4



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# UNITED STATES PATENT OFFICE

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## DRY MOP CLEANER

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2 Claims. (Cl. 15-142)

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My invention relates to an improvement in a dry mop cleaner and its novelty resides in the combination and arrangement of parts as will be more fully hereinafter pointed out.

Because it is not permitted in apartment houses and in many other places to shake a dry mop out of the window it is impossible to clean a dry mop or duster without again spreading much of the dirt and dust gathered on the mop or duster in the house or apartment.

My novel and efficient combination solves this problem completely and not only insures a better and more thorough cleaning of the dry mop or duster than is possible by shaking it out the window but does so without the dirt and dust blowing back or being scattered on the air into the space just cleaned.

As the container is dust proof and washable it holds all the dust and dirt and this collected dust and dirt can be rinsed out by water into the sewer thereby eliminating it completely and effectively avoiding any rescattering of it.

Referring to the drawings,

Fig. 1 is a front elevation of my device with portions being broken away to show the interior and for convenience in illustration;

Fig. 2 is similar to Fig. 1, but with the parts in operative position;

Fig. 3 is an end view of Fig. 1 looking in from the right hand side;

Fig. 4 is a detail of an alternative form of rake.

In the drawing, 5 is my complete device and 6 is a flexible dust proof washable container preferably made of a cellulose material such as Pliofilm, for example. Container 6 is absolutely sealed on all three edges 7, 8 and 9 and has a zipper 10 mounted in the fourth edge and an opening 11 is also prepared in this same edge at the lower end adjacent to said zipper 10.

A rake 17 having teeth 18 and a comparatively short handle 19 is placed in the container 6 by inserting the outer end of the handle 19 through the opening 11 from the inside and swinging the rake 17 into the inside of the container 6 where it will rest on the bottom of 6. The rake 17 will preferably be made of wood with wooden teeth 18 and the teeth 18 are staggered so as to be more effective in raking out the dirt, threads and hair picked up by the mop 12 in regular use. Another form of rake is shown in Fig. 4 in which a rake 20 running longitudinally with the handle 22 has graded teeth 21 which are progressively longer as they are set nearer to the lower end of said handle 22 thereby being more effective in the angular position as shown in Fig. 2.

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Then a dry mop 12 of usual construction attached at 13 in the usual pivoted manner to a handle 14 of usual substantial length is adapted to be placed in said container 6, when it has been used for dry mopping and is dirty, by placing it in container 6 through the open zipper 10 which is opened by sliding zipper slide key 15 by means of handle 16 to the open position.

In using my combination the rake 17 will first be placed in the container 6 by putting the outer end of handle 19 through the zipper opening 10 and then through the opening 11 from the inside. The mop 12 will then be inserted into the open zipper 10 into the container 6 and the zipper 10 will then be closed tightly by sliding key 15 by means of handle 16 to the locking position of zipper 10 near the upper edge of container 6.

The handle 14 of mop 12 is then held out in a general horizontal position by one hand of the operator and the handle 19 of rake 17 is held in the other hand of the operator and the wooden teeth or prongs 18 of rake 17 are combed through the mop 12 repeatedly by the operator until all the dirt, hair, and threads picked up by the said dry mop 12 are removed therefrom and drop into the container 6 which is dust proof so that all of the dirt, thread and hair thus removed from the mop 12 drops into the bottom edge of the container 6 at 23 and are retained there.

The zipper 10 is then opened and the mop 12 removed and the rake 17 removed. The container 6 holding all of the dirt, threads and hair is then held under a faucet and sufficient water run in to rinse the dirt, threads and hair therefrom and then poured into a toilet bowl and so run down the sewer.

This operation is then repeated until the container 6 is thoroughly clean and then it is ready to perform another mop 12 cleaning operation as above described.

Many variations may be made in my device without departing from the spirit and intent of the same and the specification and claims herein comprehend such variations.

What I claim is:

1. A dry mop dust cleaner comprising a flexible, dust proof, washable container and rake, said container being completely sealed except for one side which has a zipper opening, and a rake handle opening adjacent the lowermost edge of said container and adjacent to but separate from said zipper opening and which receives said rake handle and said zipper opening being adapted to zip tightly over an extending mop handle.

2. A dry mop dirt, thread and hair collector

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comprising a flexible, dust proof, washable container and rake, said container being sealed on three sides, and having a zipper opening in the fourth side and a rake handle opening adjacent the lowermost edge of said container and adjacent to but separate from said zipper opening and which receives a rake handle so that the free end of said handle extends through said opening and said zipper opening being adapted to zip securely over the free end of a mop handle when extending through said zipper opening.

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