

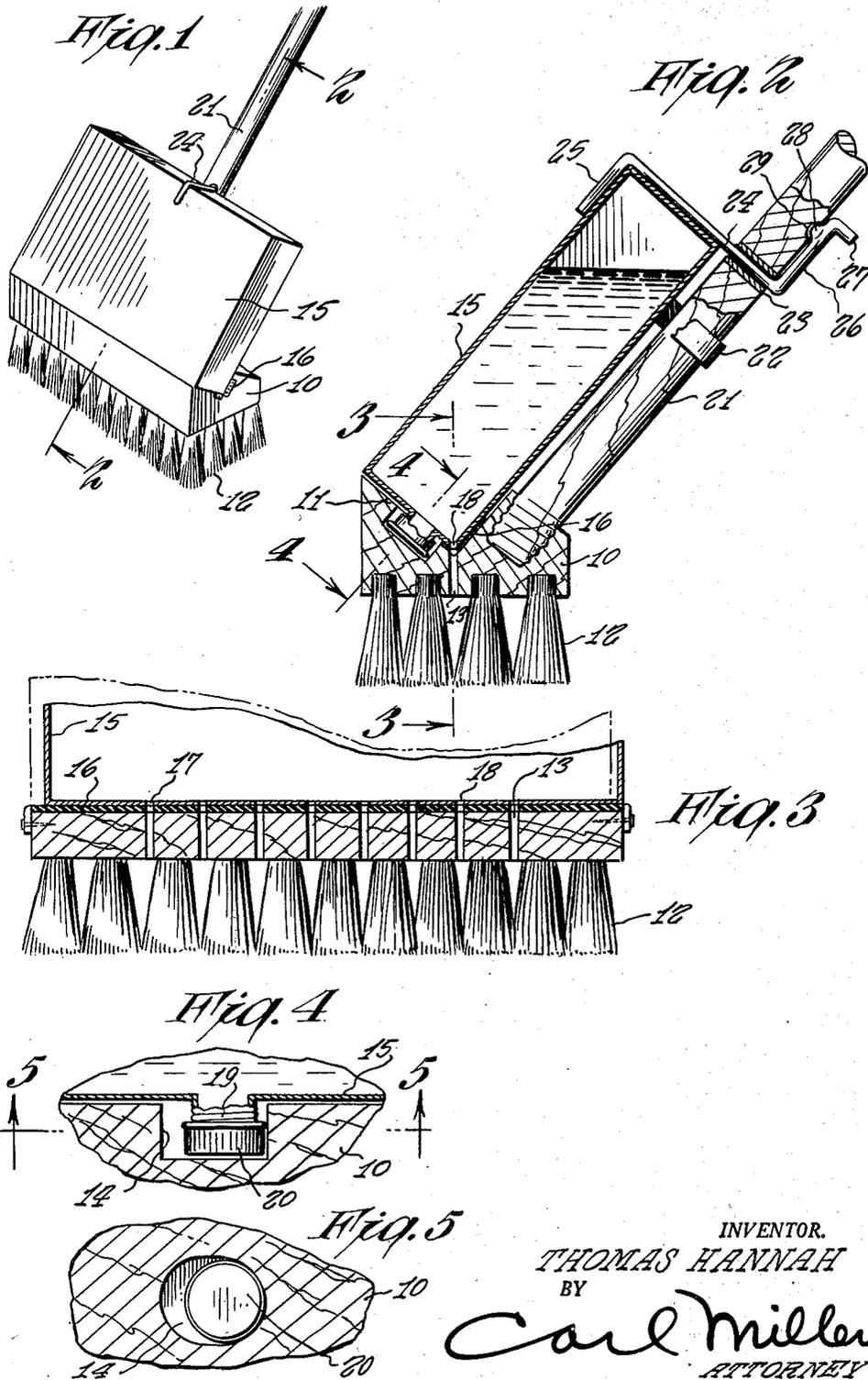
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RUG AND CARPET CLEANING BRUSH AND DYER

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RUG AND CARPET CLEANING BRUSH AND DYER

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3 Claims. (Cl. 15—131)

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This invention relates to a rug and carpet cleaning brush.

It is an object of the present invention to provide a rug and carpet cleaning brush that supports the container bearing the liquid in a simple manner and wherein the adjustment of the container upon the brush block may be effected to control the flow of the liquid through the brush.

It is another object of the present invention to provide a rug and carpet cleaning device that is light in weight and can be handled easily and wherein the container can be easily and readily filled and fixed in place upon the brush block by a simple fastening device mounted on the handle.

Other objects of the present invention are to provide a rug and carpet cleaning brush or shampooing device which is of simple construction, inexpensive to manufacture, has a minimum number of parts, compact and consumes little space, easy to control, of pleasing appearance and efficient in operation.

For other objects and for a better understanding of the invention, reference may be had to the following detailed description taken in connection with the accompanying drawing, in which

Fig. 1 is a perspective view of the rug and cleaning brush embodying the features of the present invention.

Fig. 2 is an enlarged vertical sectional view taken generally on line 2—2 of Fig. 1.

Fig. 3 is a fragmentary enlarged sectional view taken generally on line 3—3 of Fig. 2.

Fig. 4 is a sectional view taken on line 4—4 of Fig. 2.

Fig. 5 is a transverse sectional view taken on line 5—5 of Fig. 4.

Referring now to the figures, 10 represents a brush block having a V-shaped groove 11 extending across the top of the same and brush bristles 12 depending therefrom. In the bottom of the groove area plurality of longitudinally spaced holes 13 through which liquid may pass to the brush bristles 12 and onto the rug or carpet. These holes are evenly spaced from one another.

In one face of the V-shaped groove is an elongated hole 14. A can 15 which contains the shampoo liquid is supported in the groove upon a rubber strip 16 in the bottom thereof which has holes 17 aligned respectively with the holes 13 of the brush block.

The can 15 also has in one edge a plurality of holes 18 which match with the holes 17 of the rubber strip, and with the holes 13 in the block.

The can 15 has a threaded filling neck 19 adapted to receive a closure cap 20. This cap

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and the neck portion will lie in the elongated opening 14. Upon the can being laterally adjusted across the rubber strip, the holes 18 in the edge thereof can be brought out of alignment with the holes of the rubber strip so that the passage of the liquid is stopped. Since there is no air vent in the can, the liquid leaves the can through the holes 18 only when the brush is moved.

A brush handle 21 is threaded into one side of the brush block 10 and extends upwardly therefrom at an angle and parallel to one side of the can. A plastic ring 22 serves to space the can from the handle and to support the elevated end thereof.

In the handle is a bushing 23 in which may turn a fastening crank device 24 that has a hook portion 25 thereon adapted to extend over the opposite side of the can to hold the can against the ring 22 and the handle 21. An operating arm 26 with a handle 27 extends along the under side of the brush handle 21 and has a projection 28 adapted to enter a recess 29 in the brush handle to hold the fastening member 24 in its retaining position upon the can 15.

The brush is used in the usual scrubbing manner upon the rug or carpet to create the shampoo foam. The brush will have good use in every hotel and restaurant as well as in the home. Commercial establishments may use the brush as a time saver for small jobs. The device may also be used for dyeing and spot coloring.

While various changes may be made in the detail construction, it shall be understood that such changes shall be within the spirit and scope of the present invention as defined by the appended claims.

Having thus set forth and disclosed the nature of my invention, what is claimed is:

1. In a rug and carpet cleaning brush comprising a block adapted to support bristles and having a V-shaped groove extending across the top thereof, said block having a plurality of holes spaced along the bottom of the groove, a can, one edge of the said can being supported in the said groove, said can having a plurality of holes in the said one edge and being mounted on the said block, a sealing strip extending along the bottom of the groove and having holes complementary to those of the said can, so that liquid may pass through the said holes of the can, the holes of the rubber strip and through the holes of the said block, means for lateral adjustment of the said can to move out of alignment the holes of the said can with those of the rubber

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strip to stop the flow of liquid therethrough, a handle extending upwardly from the said block and means for securing the elevated end of the can upon the handle.

2. In a rug and carpet cleaning brush comprising a block adapted to support bristles and having a V-shaped groove extending across the top thereof, said block having a plurality of holes spaced along the bottom of the groove, a can, one edge of the said can being supported in the said groove, said can having a plurality of holes in the said one edge and being mounted on the said block, a sealing strip extending along the bottom of the groove and having holes complementary to those of the said can, so that liquid may pass through the said holes of the can, the holes of the rubber strip and through the holes of the said block, means for lateral adjustment of the said can to move out of alignment the holes of the said can with those of the rubber strip to stop the flow of liquid therethrough, a handle extending upwardly from the said block and means for securing the elevated end of the can upon the handle, and said block having an elongated opening in one of the faces of the V-shaped groove, said can having a neck portion with a closure cap thereon and adapted to lie in said elongated opening.

3. In a rug and carpet cleaning brush comprising a block adapted to support bristles and having a V-shaped groove extending across the top thereof, said block having a plurality of holes spaced along the bottom of the groove, a can, one edge of the said can being supported in the said groove, said can having a plurality of holes

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in the said one edge and being mounted on the said block, a sealing strip extending along the bottom of the groove and having holes complementary to those of the said can, so that liquid may pass through the said holes of the can, the holes of the rubber strip and through the holes of the said block, means for lateral adjustment of the said can to move out of alignment the holes of the said can with those of the rubber strip to stop the flow of liquid therethrough, a handle extending upwardly from the said block, means for securing the elevated end of the can upon the handle, said means for securing the elevated end of the can upon the handle comprising a spacing ring surrounding the handle and supporting one side of the can, a member rotatably disposed crosswise through the handle and having a hook formation extending over another edge of the can, said another edge being diametrically opposite the said one edge of the can, an operating arm on said member having a projection, the said handle having a recess complementary to the said projection and receiving the latter, to secure the rotatable securing member in its retaining position.

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The following references are of record in the file of this patent:

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