March 1, 1932. A. A. KLEIST ET AL 1,847,766

SCRUBBING DEVICE

Filed April 11, 1930

Fig. 1

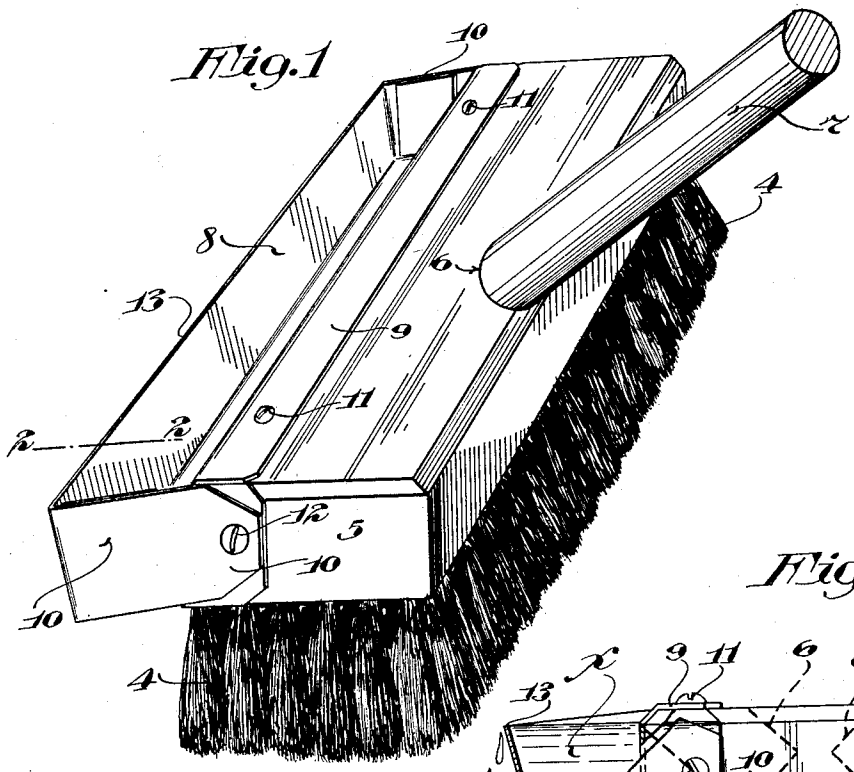


Fig. 2

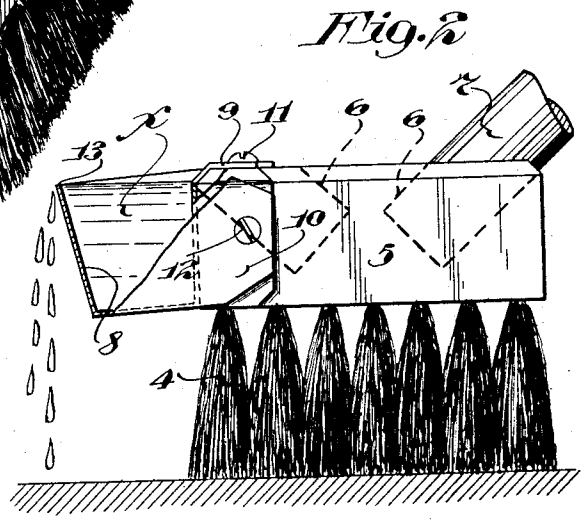
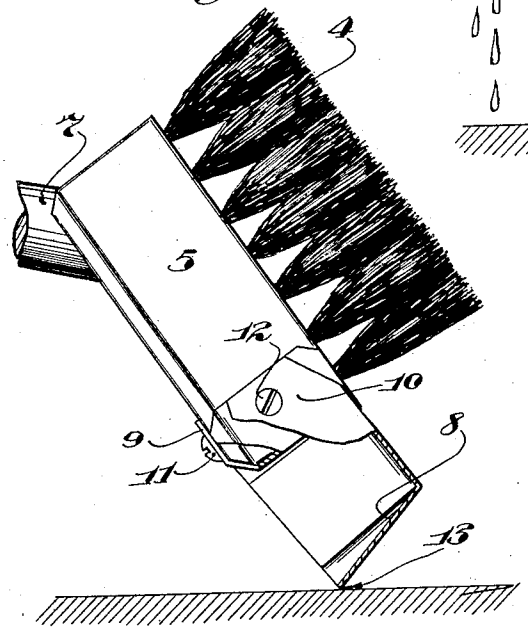


Fig. 3



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UNITED STATES PATENT OFFICE

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SCRUBBING DEVICE

Application filed April 11, 1930. Serial No. 443,502.

Our invention has for its object to provide a simple and highly efficient scrubbing device for cleaning carpets, rugs and the like and, to this end, it consists of the novel devices and combinations of devices hereinafter described and defined in the claims.

In the accompanying drawings, which illustrate the invention, like characters indicate like parts throughout the several views.

Referring to the drawings:

Fig. 1 is a perspective view of a handle-equipped scrub brush having the invention applied thereto, a portion of the handle being broken away;

Fig. 2 is a view partly in end elevation and partly in section taken on the line 2—2 of Fig. 1; and

Fig. 3 is a view corresponding to Fig. 2 with the exception that the brush is inverted and the attachment used as a scraper.

The brush illustrated includes bristles 4 secured to a rectangular head or block of wood 5 having at each side intermediate of its ends an oblique screw-threaded hole 6 for detachably holding a wooden handle 7 by which the brush may be operated.

The attachment comprises a rectangular receptacle 8 for holding a cleaning fluid X and which receptacle is of substantially the same length as the head 5 and provided with a top flange 9 which overlaps the top of the head 5 and end flanges 10 which overlap the ends of said head. Screws 11 and 12, detachably secure the flanges 9 and 10, respectively, to the head 5.

To scrub a carpet, rug or the like the receptacle 8 is filled with a soapy water or other cleaning fluid and during scrubbing action small quantities of this fluid is splashed onto the floor covering in advance of the movement of the bristles 4 and rubbed thereby into the nap of said covering. After a given area has been cleaned and the contents of the receptacle 8 used the brush is inverted and the front longitudinal upper edge portion of said receptacle used as a scraper 13, to collect the cleaning fluid remaining on the floor covering. As this fluid is collected by the scraper 13 the scrub brush may be manipulated to use the receptacle as a scoop to pick up the collected cleaning fluid and empty the same into a pail or other container.

When the brush has been used to such an extent that the bristles turn rearward the handle 7 may be reversed and the brush used in an opposite direction and at which time the receptacle 8 may also be reversed and secured in position by the same screws 11 and 12.

What we claim is:

1. The combination with a scrub brush, of an open top receptacle for holding a cleaning fluid having top and end flanges which overlap the top and ends of the head of the brush, and fastening means for securing said flanges to the head of the brush.

2. The combination with a scrub brush, of an imperforate open top receptacle forward of the head of the brush and rigidly secured thereto, the front upper edge of the receptacle being straight and substantially in the plane of the top of the head.

In testimony whereof we affix our signatures.

ALBERT A. KLEIST.
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