

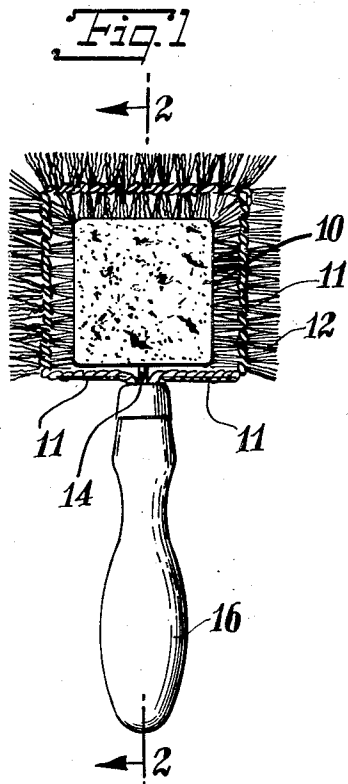
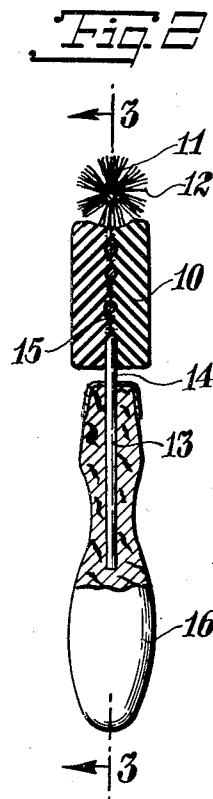
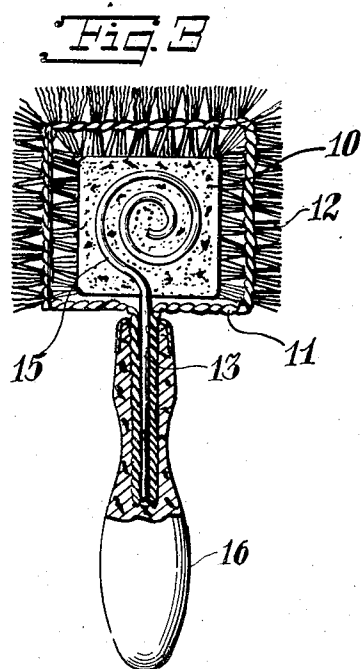
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BRUSH

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BRUSH

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4 Claims. (Cl. 15—114)

This invention relates to brushes and more particularly to the combination of a sponge and brush for simultaneous cleaning of leather or cloth surfaces.

5 It is an object of the present invention to provide a cleaning implement which is superior to the ordinary cloth brush because its cleaning action is more thorough.

The present invention is designed primarily for 10 cleaning suede shoes and gloves but may also be used with good success for brushing clothing and as a bath brush, for these latter purposes the shape and size of the brush may be altered somewhat to suit the particular purpose of the brush, 15 but the construction will remain exactly the same.

A further object is to provide a device of this kind which is simple in construction and economical in manufacture.

Other objects and advantages will be apparent 20 from the description to follow, taken in connection with the accompanying drawing in which—

Fig. 1 is a front view of my improved brush.

Fig. 2 is a vertical section of the brush on the plane of the line 2—2 of Fig. 1.

Fig. 3 is a sectional view on the plane of the 25 line 3—3 of Fig. 2.

Referring to the drawing 10 represents a block of sponge rubber which is surrounded along its edges by a cylindrical brush 12 having bristles entwisted between wires 11 forming a frame for 30 block 10. The bare ends of wires 11 are arranged close and parallel to each other and extend perpendicular to the block 10 away therefrom and form a tang 13 on the frame 11. The tang 13 includes also a third pair of twisted wires 14 35 parallel to the other pairs which extend into the interior of the sponge rubber block at its central plane (see Fig. 2) where they are formed into a spiral 15 forming a reinforcing frame and means to secure the block 10 against lateral displacement from frame 11 and brush 12. Tang 40 13 is preferably accommodated in an axial aperture of a handle 16. To accommodate the spiral frame 15 in the central plane of block 10 the latter is preferably made of two parts which are 45 joined at the central plane by cementing them to each other after the frame 15 has been inserted between them. The frame 15 is preferably shaped into spiral form so that the resilient, non-corrodible wire of which it consists may be deflected transversely to the plane of the spiral and give with the sponge rubber of block 10, but of course neither the form of the reinforcing frame nor the exact shape of the block 10 are essential 50 features of the device and may be altered to suit special uses of the brush of which there are many. When used for cleaning suede leather articles such as shoes and gloves, the bristles 12 will engage the nap of the leather and the rub-

bing will produce an electric charge on the sponge rubber block whereby the loosened fine dust particles are attracted thereto and adhere thereon, which facilitates their removal from the leather surface.

The improved device may also be used as a bath or body brush in water. When so used, the bristles 12 will also loosen particles of dirt, but the sponge rubber by its porosity will absorb the water containing them and likewise facilitate 10 their removal.

Changes in details may be made without departing from the principle of the invention and I desire to be limited only by the state of the prior art and the appended claims. 15

I claim:

1. In a brush, a prismatic block of sponge rubber or the like, a frame surrounding the edges of said block consisting of a pair of wires, bristles entwisted between said wires forming a cylindri- 20 cal brush thereon in contact with and covering some of the side surfaces of said block, a tang formed by the bare end portions of said wires extending perpendicular to one side of said block, a handle enclosing said tang and means held within said handle and block for supporting said 25 block in a common plane with the axis of said brush.

2. In a brush, a block of sponge rubber, a frame consisting of a pair of wires surrounding the edges of said block, bristles entwisted between said wires forming a brush thereon covering 30 some of the sides of said block leaving the faces thereof exposed, the end portions of said wires being bare of bristles and extending perpendicularly away from said block forming a tang thereon and another wire in said tang extending into the body of said sponge rubber forming an elastic reinforcing frame therein.

3. In a brush, a block of sponge rubber, a pair of wires forming a loop therearound, bristles entwisted between said wires forming a brush surrounding and contacting said block and having their bare ends forming a tang adapted to attach 40 a handle to said block and another wire forming part of said tang extending into the body of said block and forming a spiral reinforcement therein and a support for said block on said handle. 45

4. In a brush, a handle, a wire tang having a flat spiral at its outer end and forming an extension of the handle, a block of rubber on and 50 surrounding said extension, said block having opposed flat surfaces and plane end walls, a wire frame carried by the handle and surrounding the end walls of the block and bristles carried by said frame and extending outwardly to both flat 55 surfaces of said block.

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