Sept. 12, 1933. E. L. N. LAMB 1,926,728

DISH CLEANER

Filed Sept. 23, 1932

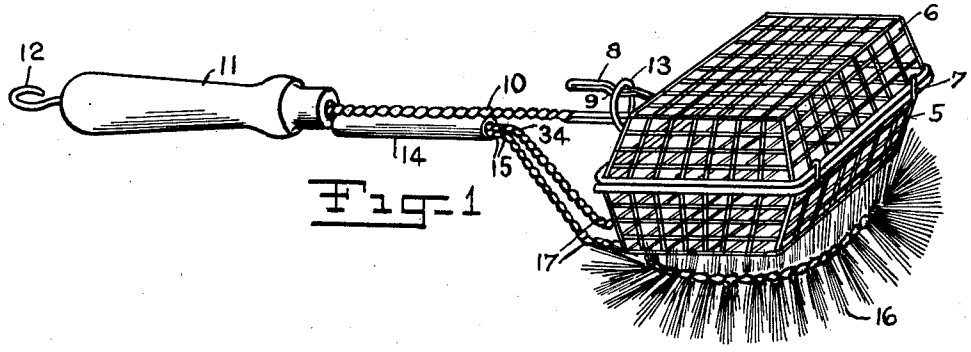

Fig-1

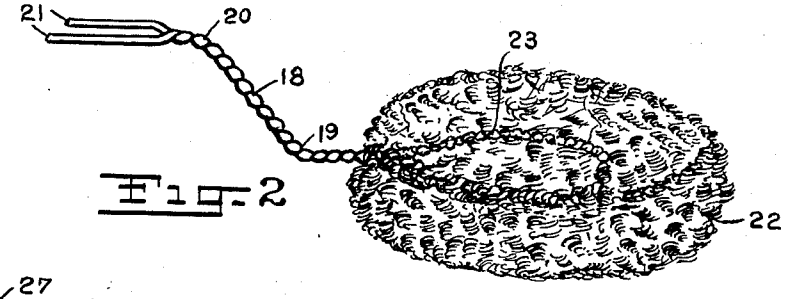

Fig-2

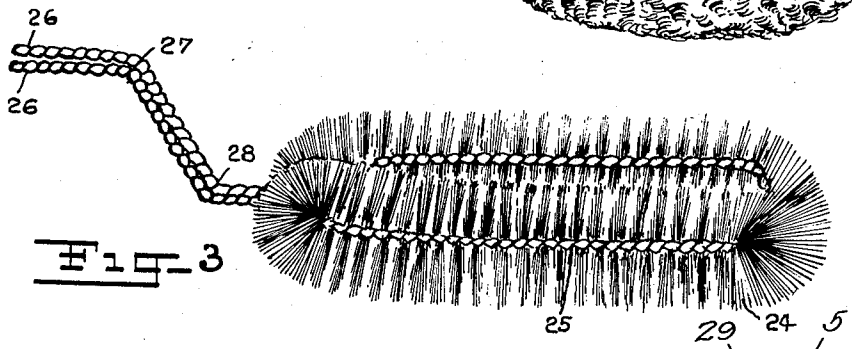

Fig-3

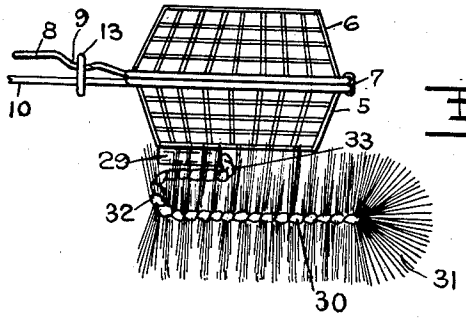

Fig-4

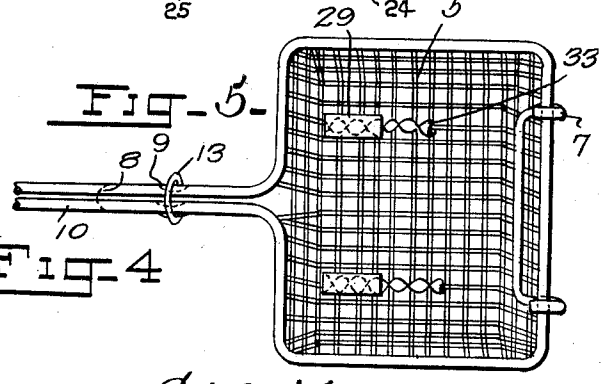

Fig-5

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Patented Sept. 12, 1933 1,926,728

UNITED STATES PATENT OFFICE

1,926,728

DISH CLEANER

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Application September 23, 1932
Serial No. 634,523

6 Claims. (Cl. 15—122)

My invention relates to an improvement in a dish cleaner and its novelty consists in the adaptation and arrangement of parts as will be more fully hereinafter pointed out.

The real problem in washing dishes is to apply the solvent and detergent in the usual form of soap to the greasy and dried food on the dishes simultaneously at the same point with a suitable brushing or rubbing means.

My device solves this problem and combines in a dish cleaner not only suitable means for carrying and distributing soap at the point desired, but also means for brushing or rubbing said desired point at the same time.

Referring to the drawing, Figure 1 is a perspective of my complete device.

Figure 2 is a perspective of a metal wool mop adapted to substitute for the brush in Figure 1.

Figure 3 is a tumbler brush adapted to substitute for the brush in Figure 1.

Figure 4 is another form of my device with the brush mounted directly on the soap holder.

Figure 5 is a bottom plan view of Figure 4 with the handle broken away for convenience in illustration.

In the drawing, 5 is a soap holder which is shown herein as made of woven wire but which may be made of any suitable material so long as it allows water carrying some of the soap to pass therethrough. A top 6 is hinged at 7 in the well known manner and has a spring locking element 8 with a detent 9. A rod 10 is rigidly secured to said holder 5 at one end and a handle 11 is mounted over the opposite end of said rod 10 and a hook 12 is screwed into the outer end of said handle 11 in the usual manner. A ring 13 mounted around rod 10 is adapted to hook over the spring locking element 8 and engage the detent 9 to hold it in place so as to lock the top 6 to the soap holder 5.

A tubular holder 14 is rigidly secured to the underside of rod 10 and is adapted to receive and hold in position for use wire ends 15 of brush 16 and the ends 15 have angular bends at 34 and 17 so as to bring the brush 16 directly under the holder 5. This brush 16 can be removed by withdrawing the ends 15 from said holder 14 so that a new brush 16 can be inserted or some other form of brush or mop substituted.

Figure 2 shows a mop of metal wool having a rod 18 bent at 19 and 20 and with two ends 21 adapted to fit the tubular holder 14 and having a mop 22 of metal wool secured to a ring 23 constituting the opposite end of the rod 18 and which when the ends 21 are in place in the tubular holder 14 will also be close to the bottom of holder 5 because of bends 19 and 20 in rod 18.

Another and longer type of brush 24 is adapted particularly to go into tumblers and has a wire frame 25 terminating in ends 26 and which are bent at 27 and 28 so that ends 26 will fit into socket 14 and brush 24 will lie close to the bottom of holder 5 when so mounted.

Another form of my device is shown in Figure 4 in which tubular holders 29 are rigidly secured to the bottom of the holder 5 and wire ends of frame 30 are adapted to slide into holders 29 and be held therein and bends 33 and 32 in said ends of frame 30 hold the brush 31 in a fixed position for use directly under the holder 5.

It will be apparent that whether brush 16, metal wool mop 22, brush 24 or brush 31 is used that the soap in holder 5 will run down onto whichever one of 16, 22, 24 and 31 are used together with the water running therethrough and furnish soap, water and an efficient rubbing or brushing means at the same spot simultaneously so as to clean dishes and remove grease and dried adhered food therefrom.

The ends 15 of brush 16, or the free ends of either of the other brushes 24 or 31 or of mop 22, may be permanently secured in place in tubular holder 14 or otherwise secured in a fixed position to the rod 10 so that brush 16 will lie in a fixed or permanent position directly under the holder 5.

I claim:

1. In a foraminous soap carrier having a rod and handle attached thereto, a brush mounted on a frame and means secured to said rod adapted to removably hold said brush by the frame in a position immediately under said soap carrier.

2. In a foraminous soap carrier a separable dish rubbing means and means for removably holding said dish rubbing means in a position immediately under said soap carrier.

3. In a foraminous soap carrier having a rod and handle attached thereto, a dish rubbing means mounted on a frame, a tubular holder rigidly secured under said rod and adapted to removably hold the shank ends of said frame of said dish rubbing means in a position immediately under said soap carrier without any other fastening means.

4. In a foraminous soap carrier a dish rubbing means mounted on a frame, means for removably holding said dish rubbing means in a position immediately under said soap carrier comprising a tubular holder rigidly secured on each side

of the bottom of said holder into which the shanks of said frame are pocketed.

5. In a foraminous soap holder a rod secured thereto having a handle at its outer end, a tubular member rigidly secured to the underside of said rod, a brush mounted on a wire frame having a pair of shanks adapted to snugly fit said tubular member so that said brush lies underneath said holder.

6. In a foraminous soap holder a rod secured thereto having a handle at its outer end, a tubular member rigidly secured to the underside of said rod, a dish rubbing member mounted on a wire frame having a pair of shanks adapted to snugly fit said tubular member so that said dish rubbing member lies underneath said holder.

EDITH L. N. LAMB.