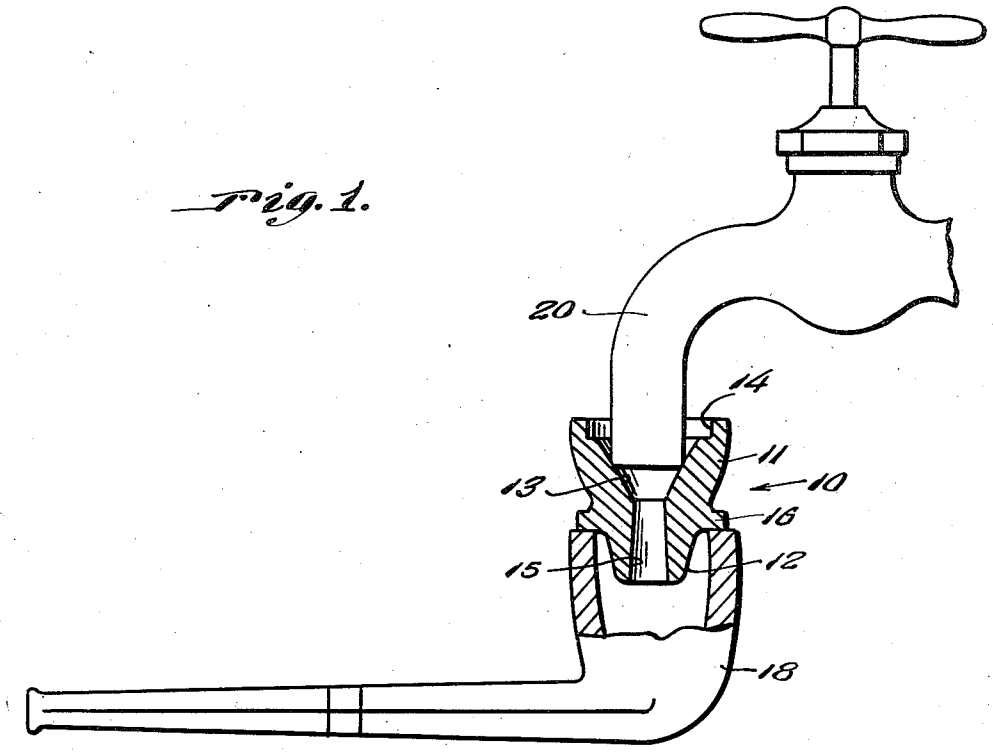
Dec. 10, 1946. B. L. PAPE 2,412,531

PIPE CLEANER

Filed Sept. 12, 1944

Fig. 1.



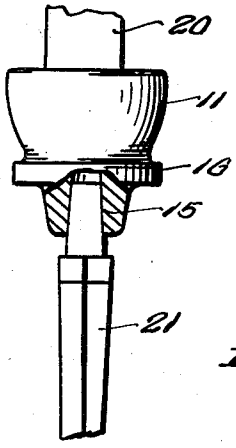


Fig. 2.

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PIPE CLEANER

Bruno L. Pape, New Braunfels, Tex.

Application September 12, 1944, Serial No. 553,757

1 Claim. (Cl. 285—2)

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This invention relates to pipe cleaners and more particularly to that type of pipe cleaner adapted for the rinsing out or cleansing of the bowls and stems of pipes or the like.

A primary object of this invention is the provision of an improved pipe cleaner adapted to be utilized in conjunction with a variety of sizes of pipe bowls, as well as a variety of sizes of faucets or the like.

Another important object of this invention is the provision of such a pipe cleaner which may be utilized to cleanse the stems of the pipes separately from their bowls, and which may be likewise used to clean cigarette or cigar holders or the like.

Still another object resides in the provision of an improved pipe cleaner facilitating the complete cleaning of sediment and nicotine from the bowls and stems of pipes and similar articles.

Other objects will in part be obvious and in part be pointed out hereinafter and shown in the accompanying drawing, wherein there is disclosed the preferred embodiment of this inventive concept.

In the drawing:

Figure 1 is a side view partially in section and partially in elevation showing the device of the instant invention as applied to a faucet and a pipe, and

Figure 2 is a front view partially in elevation and partially in section disclosing the device of the instant invention as applied to the stem of a pipe, the bowl being removed therefrom.

Like reference numerals refer to like parts throughout the several views of the drawing.

Having reference now to the drawing, it will be seen that the device of the instant invention, generally designated at 10, is comprised of a body portion 11 of suitable resilient material such as medium soft rubber the lower portion of which terminates in a nipple or conical portion 12. The body portion 11 is provided interiorly with a conical recess 13, the upper portion of which terminates in annular groove 14. A bore 15 tapered inwardly toward the base of conical recess 13 communicates with the recess and the exterior

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of conical or nipple-shaped portion 12. A peripheral flange 16 surrounds the body at an intermediate point.

Now from the foregoing the operation of the device should be readily apparent. The device is first placed over a faucet, the annular groove 14 being of a dimension designed to accommodate ordinary average size faucets of relatively large diameter. However, in the event that the faucet utilized is smaller it will be seen that the conical-shaped portion 13 accommodates the same to seal the device tightly thereagainst.

A pipe bowl 18 is then adapted to be seated against the flange 16, and warm water or steam admitted from the faucet 20. It will thus be seen that this action thoroughly cleanses the pipe bowl and the stem if the same is associated therewith during the cleansing operation.

For better cleansing of the stem, however, the same may be separated from the pipe bowl and inserted in the bore 15 (see Figure 2), the normal resiliency of the material of the device holding the same firmly in position during the operation.

From the foregoing it will now be seen that there is herein provided a device accomplishing all the objects of this invention and others including many advantages of great practical utility and commercial importance.

As many embodiments may be made of this inventive concept, and as many modifications may be made in the embodiment hereinbefore shown and described, it is to be understood that all matter herein is to be interpreted merely as illustrative and not in a limiting sense.

I claim:

In a cleaning device for pipes, a body portion of resilient material having a conical recess therein terminating at its outer extremity in an annular groove, said body portion terminating in a conical extremity having an inversely tapered bore therethrough connecting with said recess, and a peripheral flange about said body, adapted to seat on the rim of a pipe bowl.

BRUNO L. PAPE.