April 21, 1936. A. E. LEIBNER 2,038,370

COMBINATION ASHTRAY AND PIPE CLEANER

Filed Oct. 16, 1933

Fig. 1.

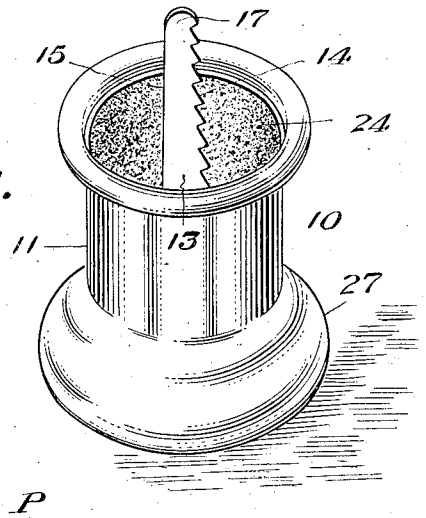


Fig. 2.

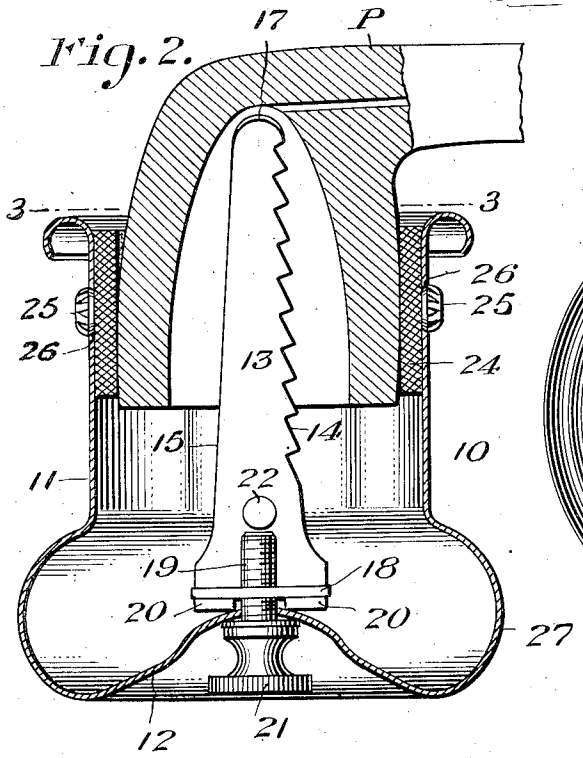
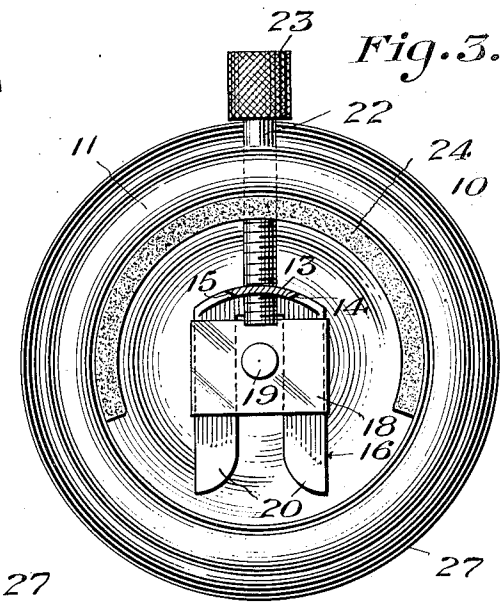


Fig. 3.



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COMBINATION ASHTRAY AND PIPE CLEANER

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2 Claims. (Cl. 131—13)

This invention relates to improvements in smoker's articles and has particular reference to a combined smoking pipe cleaner and ash receptacle.

The primary object of the invention resides in an article of the above kind by which the bowl of a smoking pipe may be thoroughly cleaned after each use, and in which the ashes and unburned tobacco is deposited in a receptacle which prevents accidental spilling during the emptying or cleaning operation.

Another object of the invention is to provide a smoker's article which embodies a cup-like receptacle having a resilient tongue or blade which is curved to fit the bowl of a pipe and is adjustable according to the thickness of the pipe bowl, the blade extending upwardly adjacent the side wall to a point slightly above the plane of the top of the receptacle, and bearing against the wall of the bowl of a pipe when inverted and placed thereon so that rotation of the pipe will cause the tongue to loosen up the ashes and unburnt tobacco and scrape loose any tobacco bits or "cake" which may tend to adhere to the side or bottom walls of the bowl.

Another object of the invention is to provide a smoker's article which resembles an ash receptacle in appearance and which may be used for such but which also contains a novel pipe cleaning device.

A further object is the provision of a smoker's article of the above kind which is simple in construction, inexpensive of manufacture, easy to operate when cleaning a pipe, and which does not detract from the furnishings of a room.

With these and other objects, the invention resides in a certain novel construction and combination and arrangement of parts, the essential features of which are hereinafter fully described, are particularly pointed out in the appended claims, and are illustrated in the accompanying drawing, in which:—

Fig. 1 is a perspective view of my improved smoker's article.

Fig. 2 is an enlarged vertical sectional view therethrough showing a smoking pipe in position upon the scraping blade; and

Fig. 3 is an enlarged top plan view on the line 3—3 of Fig. 2.

Referring to the drawing by reference characters, the numeral 10 designates my improved smoker's article in its entirety which includes a cup-shaped ash receptacle 11 so as to be comparatively deep and which has a dome-shaped bottom or base 12. Secured within the receptacle 11, by means presently described, and with its upper extremity extending slightly above the top of the receptacle is an upstanding resilient scraping blade, or tongue, 13, having a serrated or saw-toothed edge 14, a straight knife edge 15 and a right angularly disposed bifurcated base portion 16, all for a purpose presently apparent. Preferably the blade 13 is curved transversely and at its upper extremity is also slightly curved longitudinally, as at 17, to conform with the shape of the side and bottom of the bowl of a pipe.

The blade 13 is secured to the bottom 12 of the receptacle 11 by means of a clamping plate 18, overlying said bifurcated portion 16 of said blade, and a clamping screw 19 passing upwardly through the center of the bottom of said receptacle between the bifurcations 20 of said portion 16 and through said plate 18. Exteriorly of the receptacle 11 the screw 19 is provided with a knurled head 21 located in the space provided by the dome shape of the bottom 12.

Threaded through the side wall of the receptacle 11 is a blade adjusting screw 22 having a knurled head 23 at one end and its other end threaded into the blade 13 slightly above the bifurcated portion 16 of the latter.

Secured to the side wall of the receptacle 11 is a cushion of felt or the like 24. The cushion may be removably secured in position by the use of any suitable fastening elements, such as glove fasteners 25 passing through apertures 26 in the receptacle 11.

In practice, assume that it is desired to remove the ashes and unburned tobacco from the bowl of the pipe P. The bowl of the pipe is inverted or turned down over the receptacle 11 and the same brought down onto the blade with the wall of the pipe bowl interposed between the blade 13 and the cushion 24. The pipe may now be turned in a direction to cause the scraping edge 15 to engage the walls of the bowl which loosens the charge, causing the same to drop into the receptacle. The curved end 17 conforms to the curved bottom of the bowl and thoroughly scrapes loose any particles which tend to lodge thereto, and which cannot be removed by any means other than scraping.

In time the bowl of a smoking pipe becomes filled with a "cake" or carbon which adheres to the side walls and which cannot be removed by the scraping edge 15. In such instance the pipe is applied to the blade 13 in the manner already described, but the same is turned in a direction opposite to that described to cause the toothed edge 14 to loosen up the "cake" and scrape the

side walls of the bowl free of the same. If desired the pipe may be supported by the blade when not in use as shown in Figure 2 of the drawing. It might also be mentioned that the cushion **24** prevents the walls of the receptacle from scratching the pipe bowl during a cleaning operation and further acts to shine or polish the exterior of the bowl without any extra effort.

Obviously by loosening the screw **19** and manipulating the screw **22**, the blade **13** may be adjusted radially of the receptacle **11** for pipe bowls of different thicknesses. By means of the screw **22** the blade **13** may be flexed, in its clamped position, to slant said blade, if desired, for certain shapes of pipe bowls and to cause the extremity **17** to bite deeper into the bottom of the bowl.

To enable the user to firmly grip the ash receptacle **11**, I provide the base end of the same with outwardly bulged side walls **27** about which the fingers may be conveniently placed.

While I have described which I deem to be the most desirable embodiment of my invention, it is obvious that many of the details may be varied without in any way departing from the spirit of my invention, and I therefore do not limit myself to the exact details of construction herein set forth nor to anything less than the whole of my invention limited only by the appended claims.

What is claimed as new is:

1. A pipe cleaning device comprising a receptacle adapted to rest stable on its bottom, an upstanding blade within said receptacle and substantially parallel with the inner wall of the same and adjustably secured to the bottom thereof so that it may be moved radially relative to the receptacle, a screw extending horizontally thru the side wall of the receptacle from a point exterior thereto and manually rotatable and rotatably engaged with said blade and adapted to adjust the latter radially of the receptacle and to cant the blade when the latter is clamped, and means extending thru the bottom of the receptacle for clamping the blade in adjusted position.

2. In a smoker's article of the class described, a receptacle, an upstanding resilient scraping blade therein having normally a vertical position and bodily adjustable toward or from the site of the receptacle, and manually manipulative means for adjusting said blade and operative also to slant said blade from vertical position.

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