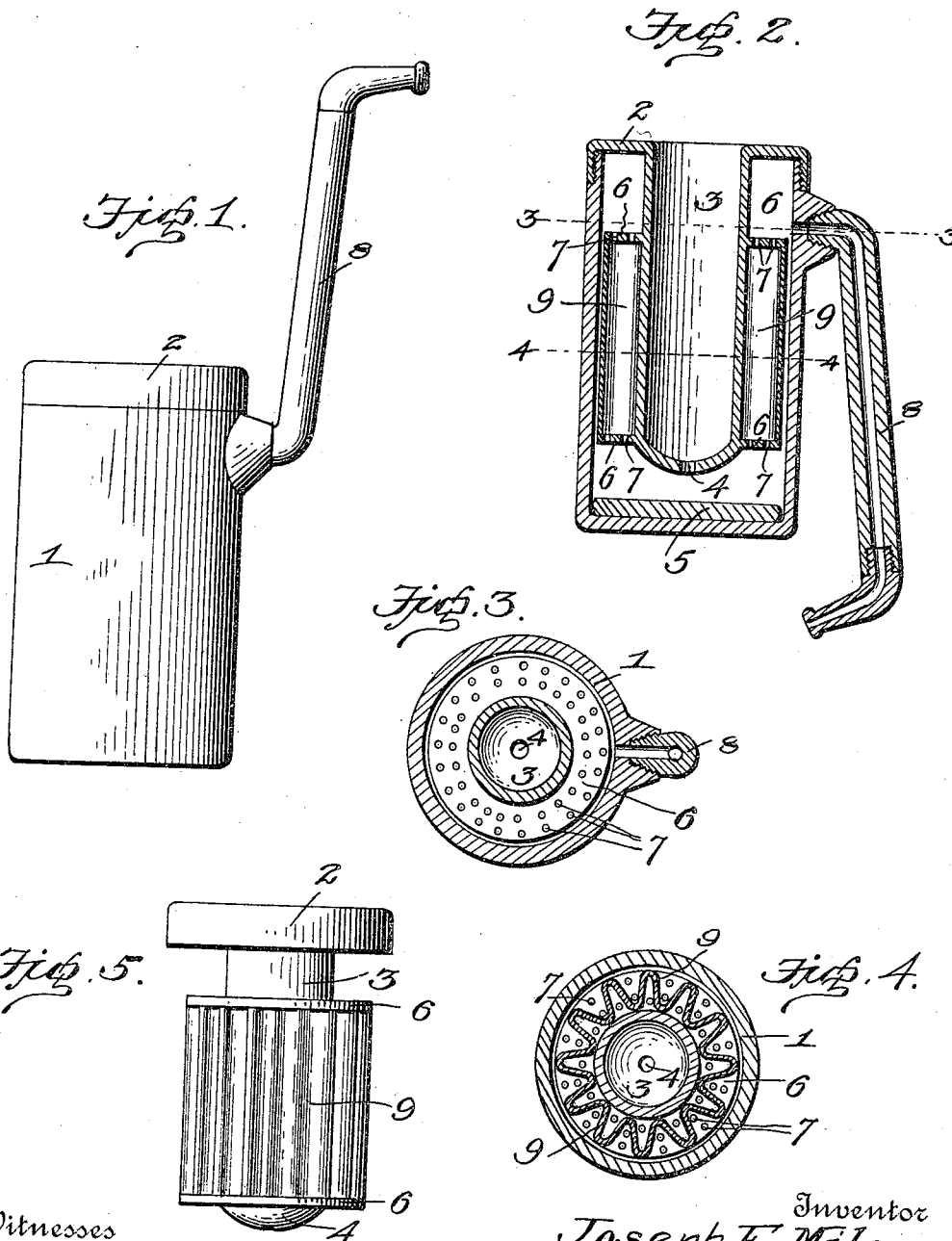


945,973.

Patented Jan. 11, 1910.



Witnesses
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UNITED STATES PATENT OFFICE.

JOSEPH FURNAS MILES, OF PARIS, TEXAS.

TOBACCO-PIPE.

945,973.

Specification of Letters Patent.

Patented Jan. 11, 1910.

Application filed April 29, 1909. Serial No. 492,932.

To all whom it may concern:

Be it known that I, JOSEPH FURNAS MILES, a citizen of the United States, residing at Paris, in the county of Lamar and State of Texas, have invented certain new and useful Improvements in Tobacco-Pipes; and I do declare the following to be a full, clear, and exact description of the invention, such as will enable others skilled in the art to which it appertains to make and use the same.

This invention relates to improvements in tobacco pipes.

The object of the invention is to provide an improved construction of pipe having means for filtering the smoke, and means whereby the nicotin and tar from the tobacco will be absorbed and prevented from entering the stem of the pipe.

Another object is to provide means for flavoring the smoke while passing through the filtering material in the bowl of the pipe.

Another object is to provide a pipe having a pivotally connected stem adapted to be swung or folded down along side the bowl when not in use.

With the foregoing and other objects in view, the invention consists of certain novel features of construction, combination and arrangement of parts, as will be more fully described and particularly pointed out in the appended claims.

In the accompanying drawings: Figure 1, is a side view of my improved pipe, showing the stem in operative position. Fig. 2, is a vertical section, showing the stem in inoperative position. Fig. 3, is a horizontal section on the line 3—3 of Fig. 2. Fig. 4, is a similar view on the line 4—4 of Fig. 2; and, Fig. 5, is a side view of the cap, the inner bowl and the filtering material removed from the outer bowl.

Referring more particularly to the drawings; 1 denotes an outer bowl which may be of any suitable material, secured to or engaged in any suitable manner with the upper end of the outer bowl 1, is a cap 2, having a centrally disposed opening in which is secured the upper end of an inner bowl 3, said inner bowl projects down into the outer bowl and is provided in its lower end with a smoke passage or aperture 4. In the bottom of the outer bowl 1 is arranged a pad 5, formed of any suitable absorbent material, and which is adapted to catch the tar or other drippings from the

tobacco in the inner bowl, which passes through the smoke aperture 4.

Secured to the outer sides of the inner bowl 3 are upper and lower radially projecting flanges 6, which are of a slightly less diameter than the inside of the outer bowl, so that a slight space is formed between the outer edge of the flanges 6, and the adjacent inner walls of the outer bowl. In the flanges 6 are formed a plurality of perforations or smoke apertures 7, through which the smoke passes from the lower portion of the outer bowl to the upper portion thereof, and is drawn out through a stem 8, which is pivotally connected at its inner end with the upper portion on the outer bowl 1, and is adapted to be swung down along side the bowl when not in use.

Arranged around the outer side of the inner bowl 3, between the upper and lower perforated flanges 6, is a filtering material which preferably consists of fluted or a corrugated paper 9, or other suitable absorbent material through and between the folds of which the smoke passes from the lower to the upper portions of the outer bowl from whence it is drawn through the stem in the manner described. If desired, the corrugated or fluted strip of paper may have applied thereto a suitable flavoring extract, whereby the smoke in passing through the paper will be flavored thereby.

By means of a pipe constructed as herein shown, and described, all the nicotin, tar and other impurities in the tobacco and the smoke will be absorbed. By arranging the parts of the pipes in the manner described, the said parts may be readily separated and the bowl cleaned and new absorbing and filtering material applied thereto.

From the foregoing description taken in connection with the accompanying drawings, the construction and operation of the invention will be readily understood without requiring a more extended explanation.

Various changes in the form, proportion and the minor details of construction may be resorted to without departing from the principle or sacrificing any of the advantages of the invention, as defined in the appended claims.

Having thus described my invention what I claim as new is:

1. A tobacco pipe comprising an outer

bowl, a stem pivotally connected to the upper end of said outer bowl and adapted to be swung down along one side thereof, a cap arranged on one end of said outer bowl, 5 said cap having an aperture, an inner bowl secured at its upper end in said aperture, upper and lower perforated flanges secured to the outer side of the inner bowl and extending between the same and the inner side 10 of the outer bowl, a filtering material arranged between said flanges, and an absorbent material arranged in the bottom of said outer bowl.

2. A pipe comprising an outer bowl, an 15 inner bowl arranged within said outer bowl, a cap to cover the upper end of the outer

bowl, upper and lower perforated flanges arranged on said inner bowl and projecting into the space between said inner and outer bowls, a filtering material arranged between said flanges, said material comprising 20 a fluted strip of absorbent paper, and an absorbent pad arranged in the bottom of said outer bowl.

In testimony whereof I have hereunto set 25 my hand in presence of two subscribing witnesses.

JOSEPH FURNAS MILES.

Witnesses:

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