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PIPE STEM

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Fig. 1.

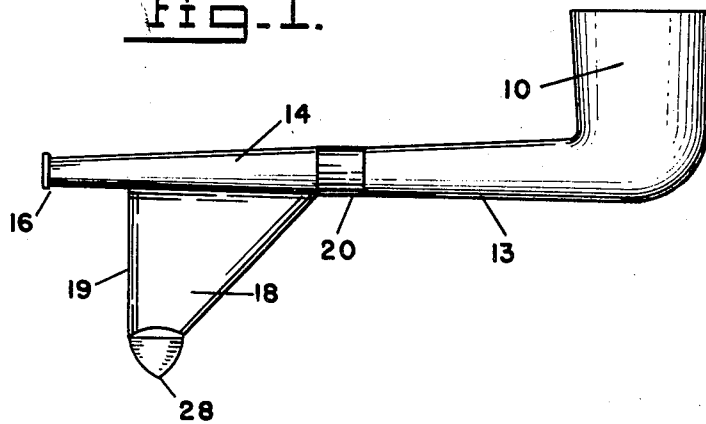
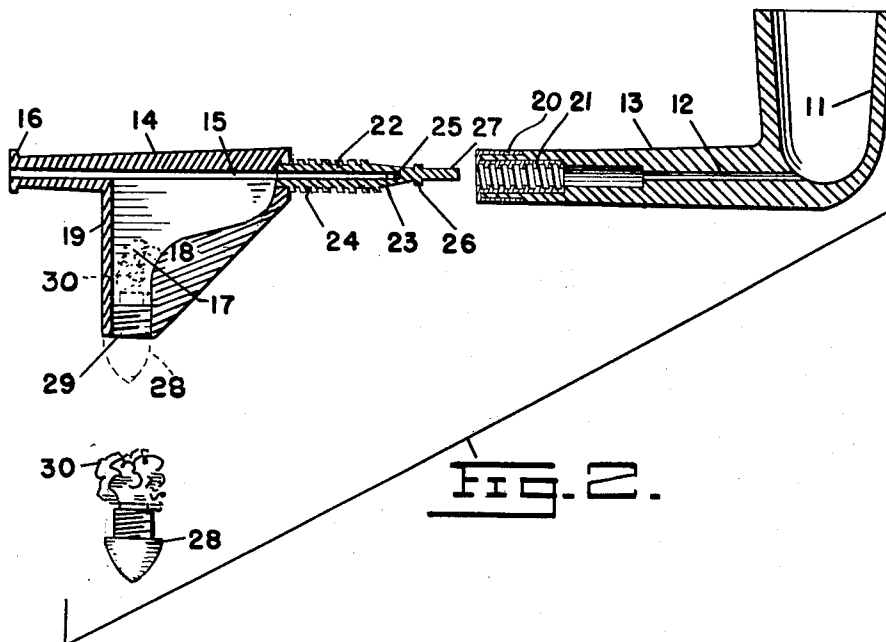


Fig. 2.

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PIPE STEM

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1 Claim. (Cl. 131—186)

This invention relates to tobacco smoking articles and more particularly to a pipe for personal use and enjoyment.

While there have been developed a number of types of tobacco pipes with special features incorporated in them to make such more agreeable to the user, such have in the past placed particular emphasis on the filtering of the smoke passing through them, with a view to making them less toxic by the removal of nicotine and other objectionable ingredients in the tobacco. This usually involves filtering material, cartridges and complicated items in the structure of the pipe. These items interfere with the normal or natural method of smoking so that sooner or later the habit, instead of being relaxing, becomes a wearisome mechanical process. The result is the discarding of the specific type of pipe with all its conveniences, and the return to the original simple and conventional form of pipe. In this invention, the smoking of the pipe involves no interference with its smoking functions. It does, however, feature several important characteristics for rendering the smoking less toxic. In addition, its construction has the advantages of affording an arrangement that enables the pipe to be held with less stress on the mouth and teeth than the common type of pipe. It permits its convenient retention in the mouth even by persons limited in their dentures or having false teeth. To do this the pipe structure embodies a pocket adjacent its mouth piece, located so that it collects the unvaporized liquids and saliva passing into the stem of the pipe, while at the same time providing a chin rest, adapted to absorb a considerable portion of its weight and leverage tending to press the teeth apart.

Thus an object of this invention is to provide a new and improved tobacco pipe that will avoid one or more of the disadvantages and limitations of the prior art.

Another object of the invention is to provide a new and improved tobacco pipe with a structure that transmits a portion of its weight to the chin area of the user and relieves the teeth of smoker of the usual stress that require considerable muscular effort to hold the pipe in the mouth and teeth in the usual manner.

A further object of the invention is to provide a new and improved tobacco pipe that will retain the unvaporized fluids developed in a pocket in the pipe distinct from the main passage in the stem of the pipe.

An additional object of the invention is to provide a new and improved tobacco pipe particularly designed to permit inspection of its interior smoking passage and the cleansing of such without difficulty.

It is an additional object of the invention to provide a new and improved tobacco pipe having a cavity for the collection of liquids to prevent their mixing with the tobacco, and a wick attached to a cap to absorb the liquid and prevent its release from the cavity when the pipe is tilted.

For a better understanding of the invention and the objects thereof reference is made to the accompanying drawing wherein a particular form of smoking pipe is

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indicated by way of example to indicate the characteristics, while the claim emphasizes the scope of the invention.

In the drawing:

Figure 1 is a side elevation of a smoking pipe embodying this invention; and

Figure 2 is a sectional view taken on the longitudinal center line of Figure 1, with the parts in exploded positions.

Similar reference numerals refer to the same parts throughout the drawings.

Referring to the structure shown in the drawings, a pipe having a bowl 10 for the holding and burning of tobacco is of conventional form. Its interior 11 is connected through a passage 12 in a neck 13 to the saddle stem 14. The stem 14 has a passage 15 extending to the mouth piece 16. The passage 15 is preferably rectangular in cross-section and passes over a pocket 17 extending downwardly and forming a hollow triangular body 18. The body 18 is placed close to the end of the mouth piece, but allows the latter to be inserted in the mouth of the user, so that the perpendicular side 19 of the body will press flatly against the under lip area just above the chin of the user. In this position the mouth piece 16 and the body 18 and side 19 support most of the weight of the pipe from the bowl to the stem. In the neck 13 is installed a ferrule 20 of suitable material, the interior 21 of which is screw-threaded to receive the spindle member 22 projecting from the body 18. The spindle member 22 is preferably formed as shown in the drawing, with a tapered portion 23 extending from the screw-threaded barrel 24, with a lateral orifice 25 leading into the passage 12. There is an enlarged washer 26 integrally connected with the portion 23 and a short rod 27 projected from it.

The triangular body 18 has a cap 28 screwed into the lower end portion 29 of the pocket 17. The cap is hollowed out to receive a wick 30 or other absorbent material. This wick projects upwardly into the pocket 17 and absorbs any liquids that drain into the pocket either from the bowl or the mouth piece, and is replaceable.

The triangular body 18 with its pocket 17 and the wick 30 provide features that give the smoke from the tobacco a cooling and drying effect, without obstructing the flow from the bowl to the mouth piece. Access is readily achieved into the interior passages of the pipe for cleaning purposes, and the provision of a chin rest to relieve the lips and teeth of most of the weight of the pipe, make the use of the latter very convenient.

While but one general form of the invention is shown in the drawing and described in the specification, it is not desired to limit this application for patent to this particular form as it is appreciated that other forms of construction could be made that would use the same principles and come within the scope of the appended claim.

Having thus described the invention, what is claimed is:

A pipe stem structure adapted to be threadedly connected to a neck element projecting laterally from the bowl of a smoker's pipe; said structure comprising a body element and a pair of members extending in opposite directions from the upper ends of said body element; one of said members forming the mouthpiece of said stem structure and having a straight passage extending there-through; the other one of said members having a smoke stream inlet and a straight passage extending therethrough from said inlet; said other one of said members also including a spindle having a screw thread formed on the exterior thereof adapted to cooperate with a corresponding thread formed in said neck element to detachably connect the pipe stem to said neck element said body element having formed therein a substantially triangular pocket communicating with a recess having a cylindrical

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passage in the lower portion of said body element; said straight passages being aligned with each other and communicating each with said pocket; said pocket having a straight exterior wall adjacent to said mouth piece to provide a structure adapted to contact the chin of a smoker to aid in the support of the pipe while in the mouth of the smoker and the inner surface of said straight wall being positioned to be contacted by the smoke stream coming from the pipe bowl to separate the liquid contents of such stream from the vaporous and gaseous contents thereof.

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