

Jan. 26, 1954

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2,667,175

PLEASURE SMOKING PIPE

Filed Oct. 3, 1950

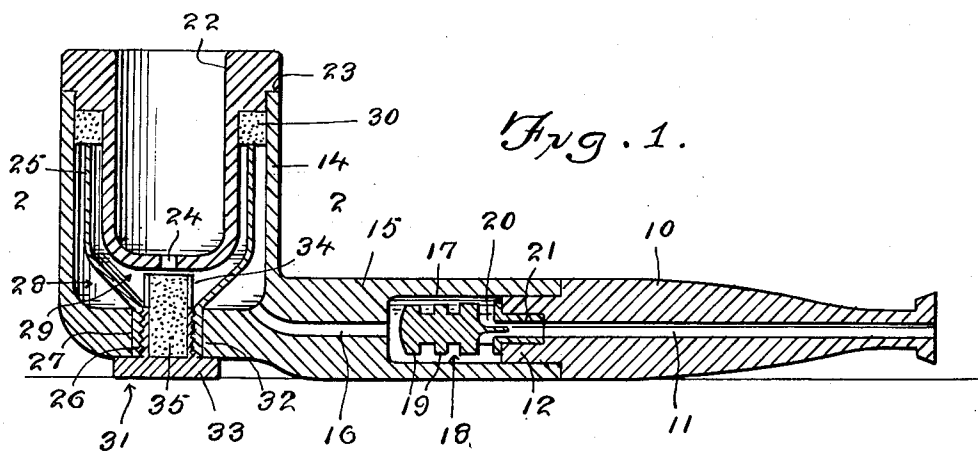


Fig. 2.

Fig. 4.

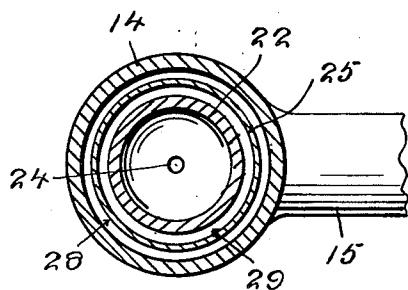


Fig. 5.

Fig. 3.

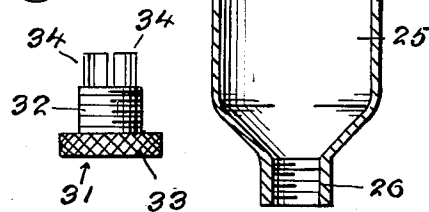


Fig. 6.

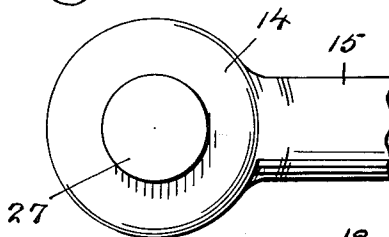
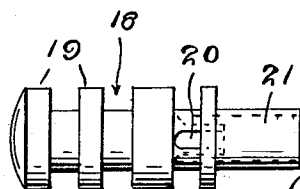


Fig. 7.



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UNITED STATES PATENT OFFICE

2,667,175

PLEASURE SMOKING PIPE

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Application October 3, 1950, Serial No. 188,218

1 Claim. (Cl. 131-202)

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This invention relates to a smoker's pipe.

The object of the invention is to provide a smoker's pipe which is constructed so that nicotine, tar, or other deleterious substances will be prevented from passing into the smoker's mouth.

Another object of the invention is to provide a smoker's pipe which includes filter elements that can be readily removed and replaced, the pipe being readily disassembled for cleaning or replacement of parts, the pipe insuring a cooler smoke for the user.

A further object of the invention is to provide a smoker's pipe which is extremely simple and inexpensive to manufacture.

Other objects and advantages will be apparent during the course of the following description.

In the accompanying drawings forming a part of this application, and in which like numerals are used to designate like parts throughout the same:

Figure 1 is a longitudinal sectional view taken through a smoker's pipe constructed according to the present invention;

Figure 2 is a sectional view taken on the line 2-2 of Figure 1;

Figure 3 is a side elevational view of the body member;

Figure 4 is a vertical sectional view of the baffle cylinder;

Figure 5 is a fragmentary bottom plan view of the bowl;

Figure 6 is a vertical sectional view taken through the inner bowl;

Figure 7 is a fragmentary elevational view showing the condenser and a portion of the mouthpiece.

Referring in detail to the drawings, there is shown a pipe which may be made of any suitable material, and the pipe of the present invention includes an elongated mouthpiece 10 which is provided with a longitudinally extending bore 11. Figure 1. One end of the mouthpiece 10 is adapted to be conveniently inserted in the smoker's mouth, while the other end of the mouthpiece 10 is shaped to define a shoulder 12.

The pipe further includes an outer bowl 14 which has a stem 15 extending therefrom or formed integrally therewith. The stem 15 is provided with a longitudinally extending bore 16, and an interior portion of the stem 15 is cut away to define a chamber 17. Positioned in the chamber 17 is a condenser 18. Figure 7, and the condenser 18 may be made of any suitable material, such as metal. The condenser 18 is made or provided with a plurality of fins 19, so

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that as the smoke passes thereover, any tar or other deleterious material being carried by the smoke will condense onto the condenser 18. The condenser 18 is provided with openings 20, Figure 7, so that the smoke can readily pass from the bore 16, through the chamber 17, then through the openings 20 and then through a bushing 21 and finally through the bore 11 into the smoker's mouth.

Arranged in spaced relation within the outer bowl 14 is an inner bowl 22. The inner bowl 22 is provided with an annular shoulder 23, Figure 1, and the shoulder 23 rests or abuts the upper edge of the outer bowl 14. The inner bowl 22 is adapted to hold the tobacco being burned, there being an opening 24 at the bottom of the bowl 22 for a purpose to be later described.

Interposed between the inner bowl 22 and the outer bowl 14 is a baffle cylinder 25, Figure 4. The baffle cylinder 25 is provided with a lower, interiorly threaded collar 26, and the collar 26 projects through an opening 27 in the outer bowl 14. The baffle cylinder 25 defines, with the inner bowl 22 and outer bowl 14, a pair of compartments or smoke passageways 28 and 29.

Arranged contiguous to the upper end of the baffle cylinder 25 is an annular filter element 30 which is made of any suitable material, such as absorbent cotton. It will be seen that the filter 30 separates the compartments 28 and 29 from each other, so that as smoke is drawn through the opening 24, the smoke will pass first through the compartment 29, then the smoke will be filtered by the element 30, and then the smoke will pass through the compartment 28 and into the bore 16.

The pipe further includes a body member 31, Figure 3, and the body member 31 includes an annular threaded portion 32 which is adapted to be arranged in engagement with the threaded collar 26 of the baffle cylinder 25. The body member 31 is further provided with a flat, knurled knob 33, so that the body member 31 can be readily removed from or replaced in the pipe, and further, the bottom of the body member 31 enables the pipe to be supported on a table or other member when not being used. Projecting upwardly from the body member 31 is a plurality of spaced, parallel fingers 34, and a filter pad 35 which may be of absorbent cotton is positioned between the fingers 34 and extends longitudinally through the major portion of the body member 31. The filter pad 35 is positioned directly below the opening 24, so that a large

portion of the moisture or juices from the burning tobacco will be collected by the filter pad 35.

From the foregoing, it is apparent that a smoker's pipe has been provided wherein a cleaner and cooler smoke will be insured. The tobacco being burned is positioned in the inner bowl 22, and the smoke passes first through the opening 24, then through the compartment 29, then through the filter element 30, next through the compartment 28 into the bore 16, then through the chamber 17, then through the bushing 21, and finally through the bore 11 into the smoker's mouth. A major portion of the juices, such as tar, nicotine and the like, or moisture, will be collected in the absorbent pad 35, while the filter element 30 will also help to purify the smoke. Further, the condenser 18 will cause any remaining tar to precipitate out.

The cotton 35 will collect or receive the moisture from the burning tobacco, so that pipe gurgling will be prevented. Thus, the smoker will not draw any of the offensive accumulation from the heel of the pipe. The filter element 30 retains the smoke tar and some of the moisture. The flat bottom of the body member 31 prevents the pipe from turning over and spilling ashes when not being smoked.

I claim:

A smoker's pipe comprising an outer hollow bowl provided with a stem extending therefrom, there being a longitudinally extending bore arranged in said stem communicating with the interior of said bowl, an elongated mouthpiece provided with a shoulder snugly seated in said bore, there being a longitudinally extending bore arranged in said mouthpiece communicating with the bore in said stem, an inner bowl arranged in spaced relation within said outer bowl said inner bowl having a laterally extending shoulder, a baffle cylinder interposed between said inner and outer bowls and defining a pair of compartments, one of said compartments being an inner compartment and surrounding said inner bowl, and the other of said compartments being an outer compartment between said baffle and said bowl there being an opening in the bottom of said inner bowl, an annular filter element positioned

around the upper end of said baffle cylinder, said filter element being so dimensioned that it completely fills the vertical space between the upper end of the baffle cylinder and the innermost lower shoulder of the inner bowl and extends laterally to contact both the outer wall of the inner bowl and the inner wall of the outer bowl thus separating said compartments from each other so that smoke drawn from said inner bowl will pass outwardly of the opening therein into said inner compartment and will pass outwardly of said inner compartment through said filter into said outer compartment and then through the bores in the stem and mouthpiece, the lower portion of said baffle cylinder defining an intermediate threaded collar, a body member including an exteriorly threaded portion arranged in engagement with said collar, a flat knurled knob arranged on the lower end of said body member, the upper end of said body member being provided with a plurality of spaced parallel fingers, and an absorbent pad positioned in said body member between said fingers.

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