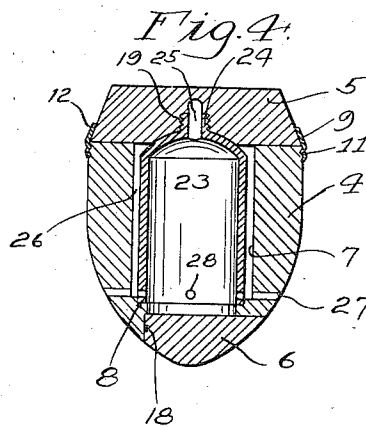
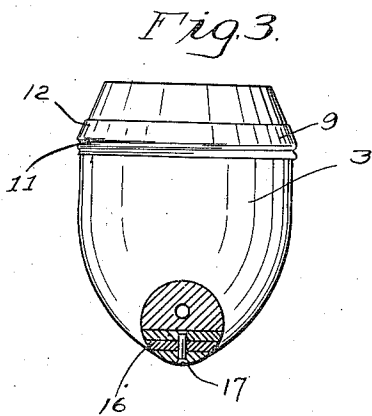
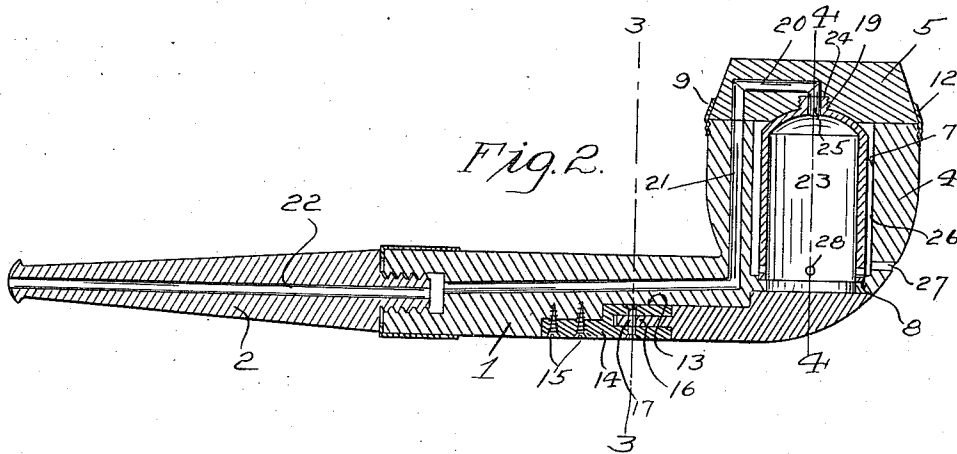
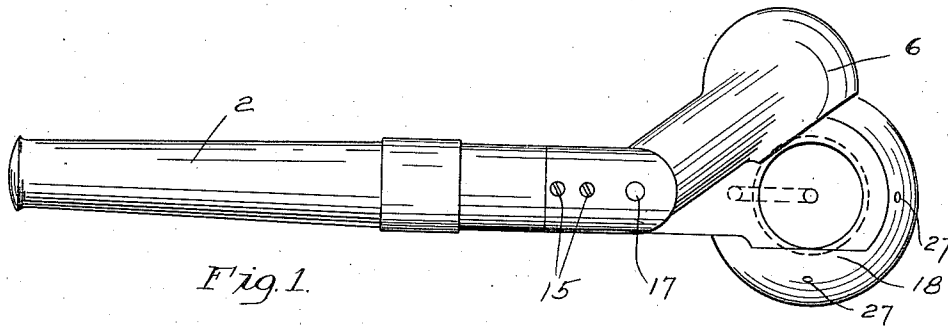


C. R. BANKS.  
SMOKING PIPE.  
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1,049,440.

Patented Jan. 7, 1913.



Inventor

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Witnesses  
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By Harry Schroeder  
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# UNITED STATES PATENT OFFICE.

CLAUDE R. BANKS, OF FRUITVALE, CALIFORNIA.

## SMOKING-PIPE.

1,049,440.

Specification of Letters Patent.

Patented Jan. 7, 1913.

Application filed February 23, 1912. Serial No. 679,320.

*To all whom it may concern:*

Be it known that I, CLAUDE R. BANKS, a citizen of the United States, residing at Fruitvale, in the county of Alameda and State of California, have invented certain new and useful Improvements in Smoking-Pipes, of which the following is a specification.

My present invention relates to smoking pipes.

The principal objects of my invention are to provide a pipe in which the tobacco may be burned upwardly, the most satisfactory manner, this being facilitated by an under draft, and to avoid the carrying into the bore of the pipe stem, such juices as are distilled from use of the pipe.

Other objects of my invention are to provide a substantially inclosed tobacco receiving bowl which protects the contents from the influence of wind and provides a safe pipe which will not emit sparks or the like.

Further objects of my invention are to so dispose the several elements forming the pipe, to facilitate cleaning and provide a pipe which will not expose the bowl thereof to the intense heat of the burning tobacco.

In the drawings, forming a part of this specification: Figure 1 is a bottom plan view of a pipe embodying my invention, one of the members being shifted to one side, to expose the tobacco receiving bowl. Fig. 2 is a central vertical section through the pipe embodying my invention. Fig. 3 is a cross sectional view on the line 3—3 of Fig. 2. Fig. 4 is a cross sectional view on the line 4—4 of Fig. 2.

Similar characters refer to similar parts throughout the views.

The pipe includes a stem 1, bit 2, and bowl 3, which may be of any desirable shape and in all appearances, resembles the pipe now in common use.

The bowl 3 is built up of a body portion 4, from which the stem 1 extends; a detachable top 5; and a removable base 6. The body portion 4 is provided with a bore 7 extending vertically therethrough and preferably provided with an annular seat 8, adjacent the lower end of its bore, for a purpose to be subsequently described.

The top 5 is preferably secured in place by an annular ring 9, which, as shown in Figs. 3 and 4, may be provided with screw

threads 11, coacting with thread formed on the body portion 4, and in this particular type of pipe, the top 5 is frusto-conical shape and the ring 9 is formed with an inwardly converging flange portion 12, which may be formed by crimping, to lie in contact with the periphery of the top. The ring 9 retains the top 5 in practically air tight contact with the body portion 4, closing the bore 7 at one end, with the exception as hereinafter noted.

I prefer to hingedly connect the base 6 to the stem 1, and with this end in view, gain the stem, as at 13, for the reception of a bifurcated pivot block 14, which is formed exteriorly to fit nicely to the contour of the stem and secured thereto by screws 15 or any other suitable means. The base 6 is provided with a reduced portion 16 which enters between the bifurcations of block 14 and is pivoted thereto by a pin 17. By this construction the base may be removed with respect to the body portion 4 by swinging the former laterally, as shown in Fig. 1 of the drawing.

The base 6 is formed to fit nicely to the contour of the body portion 4 in order to provide a neat bowl and I prefer to limit the swing of the base, laterally in one direction, and to provide for retaining it in closed relation to the bore 7 by providing an outstanding portion 18, on body portion 4, against which the base abuts as shown in Fig. 4 of the drawing.

Referring again to top 5, it has a threaded socket 19 open at its lower face and concentric to bore 7. From this socket, a bore 20 leads in an angular manner, or if desired curved, and is open also at the bottom face of member 5, where it communicates with a bore 21 in body portion 4, continuous through stem 1 and in communication, in the ordinary manner, with the bore 22 of said bit 2.

The top 5 carries a receptacle 23 for the tobacco, by means of a threaded extension 24 which may be screwed into the socket 19. This receptacle is cup-shaped and in a normal position of the pipe, is inverted, and has a bore 25 through extension 24 by which communication is made with bore 20. The receptacle 23 is relatively smaller than the bore 7 so that there is an annular space 26 therebetween. The lower margin of receptacle 23 rests in the beforementioned seat 8 forming a neat and rigid connection.

A plurality of apertures 27 are formed in body portion 4, preferably disposed to open adjacent the bottom of receptacle 23, which admits air into annular space 26. The receptacle 23 is also provided with a plurality of apertures 28 adjacent its lower end, whereby air is admitted into the said receptacle from annular space 26.

The operation of the device is as follows:  
 10 The pipe is inverted, that is, disposed with the bowl downward, the base 6 is removed, and the receptacle 23 filled with tobacco. The user then proceeds by lighting the tobacco with the pipe in this inverted position.  
 15 As soon as the tobacco is ignited sufficiently to insure proper burning, the base 6 is brought into place, with respect to body portion 4, as described, and the pipe returned to a normal position. When in this  
 20 position the draft is conveyed successively through apertures 27, annular space 26 and apertures 28, to the receptacle 23, by suction through the bores, 25, 20, 21 and 22. Inasmuch as the bore 20 opens at the top of the  
 25 tobacco receptacle, any juices distilled are not drawn into the smoke intake bore; the annular space 26 prevents the intense heat of the burning tobacco from acting upon the bowl portion 4; the disposition of the parts  
 30 is such as to enable a thorough cleaning of the parts by disassemblage and the receptacle 23 may, at any time, be easily replaced by a new or clean like member. It will further be noted that the burning tobacco is con-  
 35 fined within the bowl and is therefore not disturbed by wind and will not become displaced or emitted should the pipe be dropped or become positioned out of the normal.

40 Another desirable feature of a pipe constructed according to my invention, is that the pipe may be placed in the pocket or otherwise carried or positioned after smoking without emptying the ashes until the  
 45 pipe has cooled, which is a desirable feature with pipes made of rare wood, and without danger of the ashes becoming strewn about.

I claim:

50 1. In a smoking pipe the combination of a body portion having a vertically disposed bore with an inlet opening laterally to said bore, and an outstanding portion at its lower end; a stem for said body portion; a base for said body portion; means pivotally  
 55 connecting said base to said stem whereby it may be swung to cover or uncover the

said bore in said body portion and to abut with the said outstanding portion thereof when in a covered position; a top for said body portion having an internally threaded 60 socket and a bore leading from said socket, the said body portion and stem having a bore in communication with the said bore in said top; means for rigidly retaining the said top in connection with said body portion; 65 and an inverted tobacco receptacle having a threaded extension adapted to be screwed into the said socket of said top and a bore through said extension adapted to communicate with the said bore therein, the 70 said receptacle being disposed within the said bore of said body portion and relatively smaller than the same to provide an air space thereabout, and further having an air inlet opening in communication with the 75 said air space, substantially as and for the purpose set forth.

2. In a smoking pipe, the combination of a body portion having a vertically disposed bore, an inlet opening to said bore, and an 80 annular seat at its lower end; a stem for said body portion; a base for said body portion; means pivotally connecting said base to said stem whereby it may be swung to cover or uncover the said bore in said body 85 portion; a top for said body portion, having an internally threaded socket and a bore leading from said socket, the said body portion and stem having a bore in communication with said bore in said top; means 90 for rigidly retaining said top in connection with said body portion; and an inverted cylindrical tobacco receptacle having a threaded extension adapted to be screwed 95 into the said socket of said top and a bore through said extension adapted to communicate with the said bore therein, the said receptacle being disposed with said bore of said body portion, relatively smaller than 100 the same to provide an air space thereabout, with its lower margin resting in the said seat of said body portion, and having air inlet openings in communication with the said air space, substantially as and for the 105 purpose set forth.

In testimony whereof I affix my signature in presence of two witnesses.

CLAUDE R. BANKS.

Witnesses:

F. P. SCHROEDER,  
 M. M. ESCHERICH.