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J. H. McFADDEN

1,535,934

SMOKING PIPE

Filed Sept. 23, 1924

Fig. 1

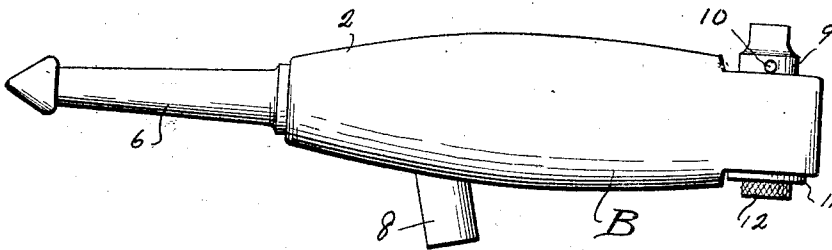


Fig. 2

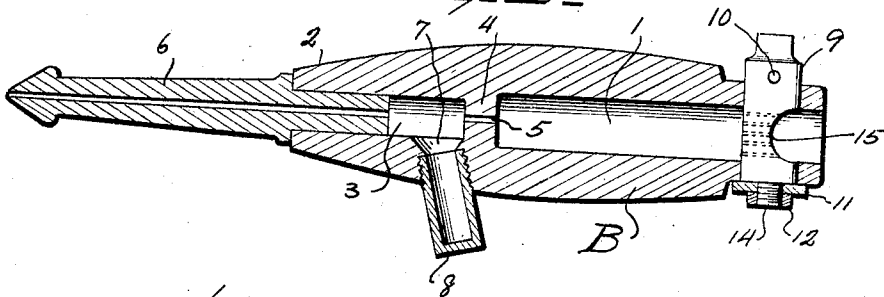


Fig. 3

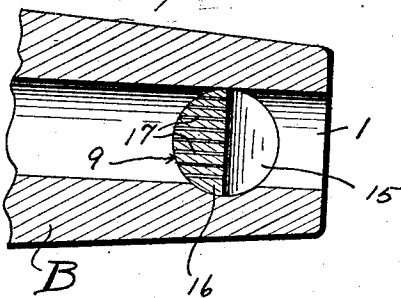
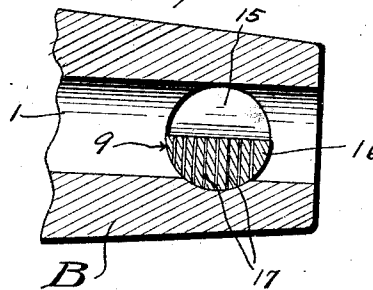


Fig. 4



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UNITED STATES PATENT OFFICE.

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SMOKING PIPE.

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To all whom it may concern:

Be it known that I, JAMES HUGH McFADDEN, a citizen of the United States, residing at Farmer, in the county of Hanson and State of South Dakota, have invented certain new and useful Improvements in Smoking Pipes, of which the following is a specification, reference being had to the accompanying drawings.

10 This invention relates to certain improvements in smoking pipes and it is an object of the invention to provide a device of this general character having novel and improved means whereby the scattering of sparks is prevented and whereby the liability of fire from such source is eliminated.

15 It is also an object of the invention to provide a device of this general character with novel and improved means whereby nicotine may be readily collected and removed.

20 The invention consists in the details of construction and in the combination and arrangement of the several parts of my improved smoking pipe whereby certain important advantages are attained and the device rendered simpler, less expensive and otherwise more convenient and advantageous for use, as will be hereinafter more fully set forth.

25 The novel features of my invention will hereinafter be definitely claimed.

In order that my invention may be the better understood, I will now proceed to describe the same with reference to the accompanying drawings, wherein:—

30 Figure 1 is a view in side elevation of a pipe constructed in accordance with an embodiment of my invention;

40 Figure 2 is a longitudinal sectional view taken through the device as illustrated in Figure 1 with the revolving closure member in applied position;

45 Figure 3 is a fragmentary horizontal sectional view taken through the outer end portion of the pipe with the revolving closure member in closed position;

Figure 4 is a view similar to Figure 3 with said closure member in open position.

50 As disclosed in the accompanying drawings, B denotes an elongated body provided in one end portion with an axially extending bore 1 constituting a bowl into which the tobacco is adapted to be applied or packed while the opposite end portion 2 of the body constitutes a stem and is provided

with an axially arranged bore 3, said bore 3 being separated from the bore 1 by a partition 4. Disposed through the partition 4 is a restricted opening 5 affording requisite communication between the inner ends of the bores 1 and 3.

Engageable within the bore 3 of the stem end portion 2 of the body B is a mouth piece 6 of any desired type. The inner end portion of the bore 3 has in communication therewith a laterally directed opening 7 in which is threaded or otherwise engaged the open end portion of a cup 8, said cup 8 being preferably downwardly disposed when the pipe is in use. This cup 8 serves to collect nicotine and moisture trapped within the inner portion of the bore 3 and as said cup 8 may be readily removed it will be obvious that the pipe at all times may be readily maintained in a highly sanitary condition.

Rotatably disposed through the outer end portion of the body B and intersecting the bore 1 is a plug 9, said plug being held in desired applied position by the pin 10 disposed through one end portion thereof and the washer 11 and nut 12 operatively engaged with the opposite end portion thereof or more particularly with the outstanding threaded extension or shank 14.

55 The portion of the plug 9 within the bore 1 is provided thereacross with the recess 15 which, when the plug 9 is in one position, as indicated in Figure 4, readily permits the tobacco to be properly placed or packed within the bowl. The resultant reduced portion 16 of the plug has directed there-through a relatively minute opening 17 which, when the plug 9 is in its second position as illustrated in Figure 3, provide draft openings whereby the requisite burning of the tobacco charge is permitted yet at the same time holds the ashes and sparks against discharge from the bowl of the pipe. This is of particular advantage as it substantially eliminates the possibility of fire together with the indiscriminate scattering of the ashes and sparks which in a great many instances renders obnoxious the smoking of the pipes of the types now generally in use.

From the foregoing description it is thought to be obvious that a smoking pipe constructed in accordance with my invention is particularly well adapted for use by reason of the convenience and facility

with which it may be assembled and operated, and it will also be obvious that my invention is susceptible of some change and modification without departing from the principles and spirit thereof and for this reason I do not wish to be understood as limiting myself to the precise arrangement and formation of the several parts herein shown in carrying out my invention in practice except as hereinafter claimed.

I claim:—

1. As a new article of manufacture, a smoking pipe comprising an elongated body having a bore disposed axially therethrough, a partition intersecting said bore dividing the body into a bowl and a stem, said partition having an opening therethrough communicating with such bowl and stem, a mouth piece engageable with the stem portion of the body, and a rotatable plug disposed through the body adjacent to the outer portion of the bowl and intersecting said bowl, the portion of the plug within the bowl having a recess thereacross to permit filling of the bowl when the plug is in one position.

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2. As a new article of manufacture, a smoking pipe comprising an elongated body having a bore disposed axially therethrough, a partition intersecting said bore dividing the body into a bowl and a stem, said partition having an opening therethrough communicating with such bowl and stem, a mouth piece engageable with the stem portion of the body, and a rotatable plug disposed through the body adjacent to the outer portion of the bowl and intersecting said bowl, the portion of the plug within the bowl having a recess thereacross to permit filling of the bowl when the plug is in one position, said plug is also provided therethrough with a relatively minute opening communicating with the bowl when the plug is in a second position.

In testimony whereof I hereunto affix my signature.

JAMES HUGH McFADDEN.