June 23, 1925. 1,542,838

R. M. PROPHET

SMOKING PIPE

Filed Jan. 3, 1921

Fig. 1

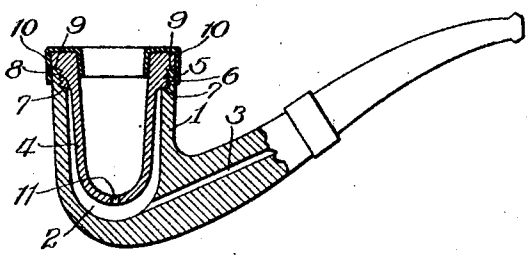


Fig. 2

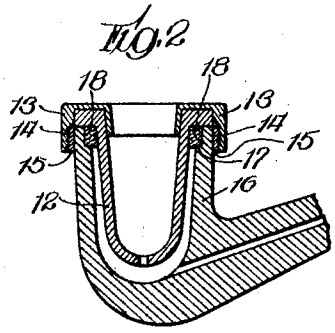


Fig. 3

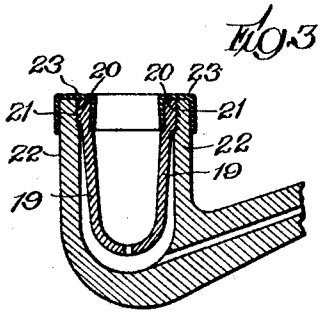


Fig. 4

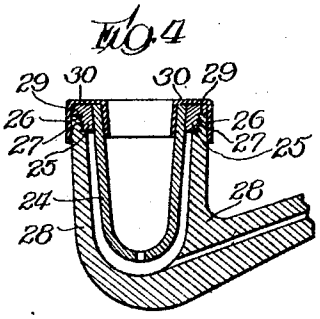
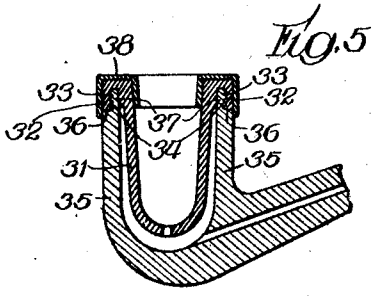


Fig. 5



Inventor
Robert M. Prophet
By Arthur F. Durand Atty.

Patented June 23, 1925. 1,542,838

UNITED STATES PATENT OFFICE.

ROBERT M. PROPHET, OF RUTHERFORD, NEW JERSEY, ASSIGNOR TO REISS-PREMIER PIPE COMPANY, OF CHICAGO, ILLINOIS, A CORPORATION OF ILLINOIS.

SMOKING PIPE.

Application filed January 3, 1921. Serial No. 434,480.

To all whom it may concern:

Be it known that I, ROBERT M. PROPHET, of Rutherford, Bergen County, New Jersey, have invented a certain new and useful Improvement in Smoking Pipes, of which the following is a specification.

This invention relates to smoking pipes, and contemplates the provision of certain novel and improved means for retaining an inner bowl in an outer bowl, in that particular class of smoking pipes in which a well or space is provided between the outer bowl and the inner bowl, whereby the bowl which holds the tobacco can be removed when it becomes necessary or desirable to clean the pipe, or for any other purpose.

To these and other useful ends, the invention consists in matters hereinafter set forth and claimed, and shown in the accompanying drawings in which:

Figure 1 is a vertical section of a smoking pipe embodying the principles of the invention.

Figure 2 is a similar view showing another form of the invention.

Figure 3 is a similar view showing another form of the invention.

Figure 4 is a similar view showing another form of the invention.

Figure 5 is a similar view showing another form of the invention.

As thus illustrated, and referring to Figure 1, the invention comprises an outer bowl 1 having a well or cavity 2 therein, with a passage 3 leading to the stem and mouthpiece of the pipe. The inner bowl 4 may be of any suitable, known or approved material such as briar wood, or any other suitable wood, or any material which will serve the purpose and permit the formation of screw threads 5 around the upper portion of this bowl. The outer bowl is provided with similar screw threads 6 to engage the screw threads 5, and with a shoulder 7 upon which the shoulder 8 of the inner bowl impinges when the inner bowl is screwed down into place in the outer bowl. The said inner bowl also has an upper shoulder 9 which engages the top of the outer bowl, and has a sheet metal ring or band 10, which covers the top of the inner bowl and extends a distance downwardly inside thereof, as well as a distance downwardly outside to a point below the shoulder 9, so that the joint between the two bowls is covered. Moreover, this band 10, by extending downwardly outside of the bowl 1, forms a straight sliding push connection which tends to prevent the threaded upper portion of the outer bowl from splitting or cracking when the inner bowl is screwed therein. The inner bowl has a bottom passage 11 to permit the smoke to pass into the chamber 2 in the outer bowl.

In Figure 2 the construction in a general way is similar to that previously shown and described, but in this case the inner bowl 12 is of clay or some other material, and has a band or ring 13 suitably secured thereto, the outer portion of which ring is threaded at 14 to engage the threaded band 15 which is secured around the upper portion of the outer bowl 16 of the pipe. Said outer bowl has a shoulder 17 formed around the interior of the upper portion thereof, and the inner bowl has a cork ring 18 which engages this shoulder, thereby providing a straight sliding push connection between the two bowls, in addition to the rotary screw threaded connection shown and described.

In Figure 3 the briar wood inner bowl 19 has its upper portion externally threaded at 20 to engage the screw threads 21 formed internally around the upper portion of the outer bowl 22, so that the tops of the two bowls are flush. The metal band or ring 23 is rigidly secured to the inner bowl, in any suitable or desired manner, and the outer portion of this ring extends downwardly to form a straight sliding push connection with the outer bowl.

In Figure 4 the inner bowl 24 is of any suitable material, such as clay, and has its upper portion provided externally with a ring 25 of briar wood or other material which can be screw threaded in a satisfactory manner, as at 26, thereby to engage the screw threads 27 formed internally in the upper end of the outer bowl 28, said ring 25 having a shoulder 29 which engages the top of the outer bowl. A metal band or ring 30 is secured to the inner bowl 24, and to its ring 25, and extends downwardly to a point below the shoulder 29, so that the joint between the two bowls is covered, and whereby a straight sliding push connection with the outer bowl is provided, in addition to the rotary screw threaded connection.

In Figure 5 the inner bowl 31 is preferably of briar wood, or some other material which can be satisfactorily screw threaded,

and is formed with a depending annular portion 32 which is threaded inside at 33 to engage the screw threads 34 formed externally around the upper portion of the outer bowl 35, which latter, like the others previously shown and described, can be of briar or any other suitable, known or approved material. Said outer bowl has an external annular shoulder 36 upon which the lower edge of the annular portion 32 impinges to form a tight joint, and the inner bowl engages the outer bowl at 37 to form a straight sliding push connection between the two bowls, as shown, in addition to the rotary screw threaded connection, so that the threaded upper portion of the outer bowl is held tightly between inner and outer walls which not only form a tight joint between the two bowls, but also tend to prevent said threaded portion from splitting or cracking. A metal band or ring 38 may be applied to the top of the inner bowl 31, in the manner previously described, to extend downward below the shoulder 36 to cover the external joint between the two bowls.

Thus in each case both a straight sliding push connection and a rotary threaded screw connection are provided between the two bowls, with a metal ring sealing and protecting the screw joint between the two bowls in each form of the invention, and forming a handle by which to unscrew the inner bowl, as for example in Figure 1 in which the band or ring 10 slides smoothly and tightly upon the outer bowl to form the sliding or push connection, and in which the two bowls are screw threaded to provide the rotary screw threaded connection between them, thus ensuring a tight joint between the two bowls, with space between the two bowls, tending to reduce heating of the outer bowl, obviously, and affording an opportunity for the use of materials which would not be possible, or which might be impracticable if only the one joint or the other were used, instead of both of them. Also, as explained, any external joint formed between the two bowls is covered and screw threaded portions are protected against splitting or cracking, in the manner shown and described. Also, in each form of the invention, there is an outer bowl connection between the stem and the inner bowl, including the ring and the frictional and screw joints, whereby said connection is intermediate of the inner bowl and the stem.

What I claim as my invention is:

1. In a smoking pipe, the combination of an outer bowl, an inner removable bowl, and means including a metal ring and having provisions to form a rotary separable screw connection between said outer bowl and said inner bowl, so that the removable bowl is supported entirely at its top portion, said metal ring being secured to the top of the inner bowl and extending down outside of said outer bowl, sealing and protecting the screw joint, and compelling rotation of the ring as a handle by which to unscrew the inner bowl, whereby said inner bowl and the ring can only be removed together by rotation thereof.

2. The structure specified in claim 1, having screw threads within the outer bowl in the connection between the two bowls to removably hold the inner bowl in the outer bowl.

3. A structure as specified in claim 1, said rotary connection comprising both a smooth push connection and the screw connection.

ROBT. M. PROPHET.