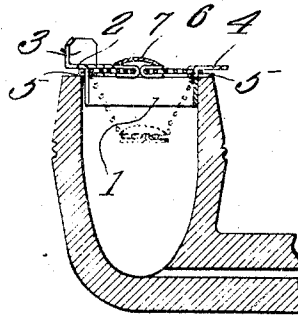
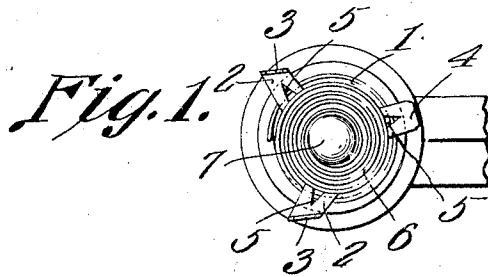


A. S. SPEIRS.  
 PIPE COVER.  
 APPLICATION FILED JAN. 17, 1911.

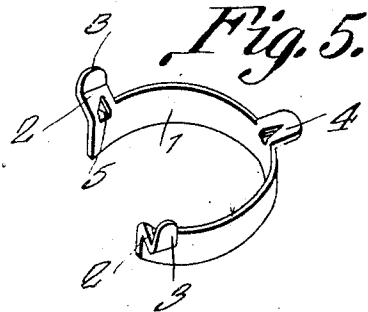
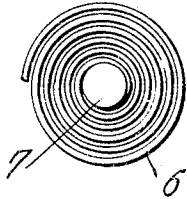
1,016,792.

Patented Feb. 6, 1912

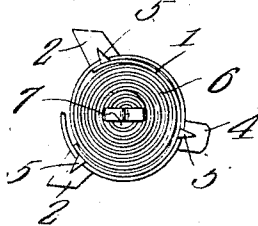


*Fig. 2.*

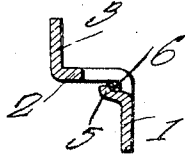
*Fig. 4.*



*Fig. 3.*



*Fig. 6.*



Witnesses

*J. R. Tomlin*  
*W. H. Smith*

*Albert S. Speirs,*  
 Inventor

by *C. A. Snow & Co.*  
 Attorneys

# UNITED STATES PATENT OFFICE.

ALBERT STUART SPEIRS, OF NEW YORK, N. Y., ASSIGNOR TO MARCIA E. SPEIRS, OF NEW YORK, N. Y.

## PIPE-COVER.

1,016,792.

Specification of Letters Patent.

Patented Feb. 6, 1912.

Application filed January 17, 1911. Serial No. 603,139.

To all whom it may concern:

Be it known that I, ALBERT S. SPEIRS, a citizen of the United States, residing at New York city, in the county of New York and State of New York, have invented a new and useful Pipe-Cover, of which the following is a specification.

This invention relates to covers for the bowls of tobacco pipes and is more particularly an improvement upon the structure disclosed in Patent No. 838,593 issued to me on December 18, 1906.

The principal object of the present invention is to provide a cover designed to prevent tobacco from being blown out of the bowl of the pipe or becoming otherwise accidentally displaced, said means also constituting a tamping device by means of which the tobacco can be pressed down into the bowl.

Another object is to provide a device of this character having improved means for holding it in position upon the bowl of the pipe and which is simple and inexpensive in construction and can be quickly applied to or removed from the pipe.

With the foregoing and other objects in view which will appear as the description proceeds, the invention resides in the combination and arrangement of parts and in the details of construction hereinafter described and claimed, it being understood that changes in the precise embodiment of the invention herein disclosed can be made within the scope of what is claimed without departing from the spirit of the invention.

In the accompanying drawings the preferred form of the invention has been shown.

In said drawings:—Figure 1 is a plan view of a pipe bowl having the cover applied thereto. Fig. 2 is a central vertical section through the bowl and cover. Fig. 3 is a bottom plan view of the cover. Fig. 4 is a perspective view of the band of the cover. Fig. 5 is a detail view of the spring screen of the cover. Fig. 6 is an enlarged section through one end portion of the band and spring and showing the means employed for connecting the two together.

Referring to the figures by characters of reference 1 designates a substantially circular band of spring metal having out-

standing ears 2 at the terminals thereof and extending from the upper edge of the band, each of these ears being provided with an upwardly extending outer end 3 constituting a finger piece. Another ear 4 extends radially from the upper edge of the band at a point preferably equidistant from the ends of the band. These ears have prongs 5 struck downwardly therefrom and engaging the outer convolution of a coiled spring 6 preferably formed of wire of a small gage. The innermost convolution of the spring is attached to a button extending over one or more of the inner convolutions, said button being indicated at 7. The outer convolution of the spring is preferably clamped against the lower faces of the ears 2 and 4 by pressing the prongs 5 upwardly thereagainst. Moreover, as shown in the drawings, the outermost convolution of the spring is arranged outside of the band whereas the remaining convolutions are disposed between the ears and within the area defined by the band.

In using the device the finger pieces 3 are drawn toward each other so as to contract the band and the spring attached thereto. The said band is then inserted downwardly into the bowl of a pipe until the ears come into contact with the open end of the bowl, whereupon, by releasing the finger pieces, the band will spring back automatically and frictionally engage the inner surface of the pipe bowl. The cover will thus be held securely in position, and cannot become accidentally detached. Moreover the spring or coil constitutes an efficient screen for retaining the tobacco without however interfering with the free escape of smoke from the bowl. Whenever it is desired to tamp or press down the tobacco contained within the bowl, it is merely necessary to press the button 7 downwardly onto the tobacco, as indicated by dotted lines in Fig. 2.

It will be seen that the device is very simple in construction, cheap to manufacture, and, when applied to a pipe, it does not detract from its appearance, but constitutes an ornament.

What is claimed is:—

1. An attachment for tobacco pipes, including a spring gripping element insertible into the bowl of a pipe and expansible

therein to engage the bowl throughout the length of said element, a screening member carried by said element and secured thereto, and means for contracting the gripping element to disengage it from the bowl.

2. A tobacco pipe attachment including a member insertible into the bowl of the pipe and expansible to grip the bowl throughout the length of the member, means outstanding from said member for bearing on the bowl to support the member within the bowl, a screening device carried by said member, and finger pieces projecting from the terminals of said bearing means.

3. An attachment for tobacco pipes, including a spring gripping element insertible into the bowl of a pipe and expansible therein to engage the bowl throughout the length of said element, a coiled spring having its other convolution connected directly to said element, and means extending from opposite portions of said element for contracting it and the spring.

4. A tobacco pipe attachment including a gripping member insertible into the bowl of a pipe and expansible to engage said bowl throughout the length of the member, an elastic screening element carried by said member and secured thereto, and means for

contracting said member and spring to disengage the member from the bowl.

5. An attachment for tobacco pipes, comprising a spring band insertible into the bowl of a pipe and expansible to engage the bowl throughout the length of the band, a screening device carried by the band, and means for contracting the band and screening device to disengage said band from the bowl.

6. An attachment for tobacco pipes, comprising a band of spring material having normally spaced terminals, said band being insertible into the bowl of a pipe and expansible to engage the bowl throughout the length of the band, supporting projections outstanding from the band, a spiral spring constituting an elastic screen, means upon the projections for engaging the spring to bind it directly upon the band, and means for contracting the band and spring.

In testimony that I claim the foregoing as my own, I have hereto affixed my signature in the presence of two witnesses.

ALBERT STUART SPEIRS.

Witnesses:

C. W. SPRAGUE,  
MARY H. BURNS.