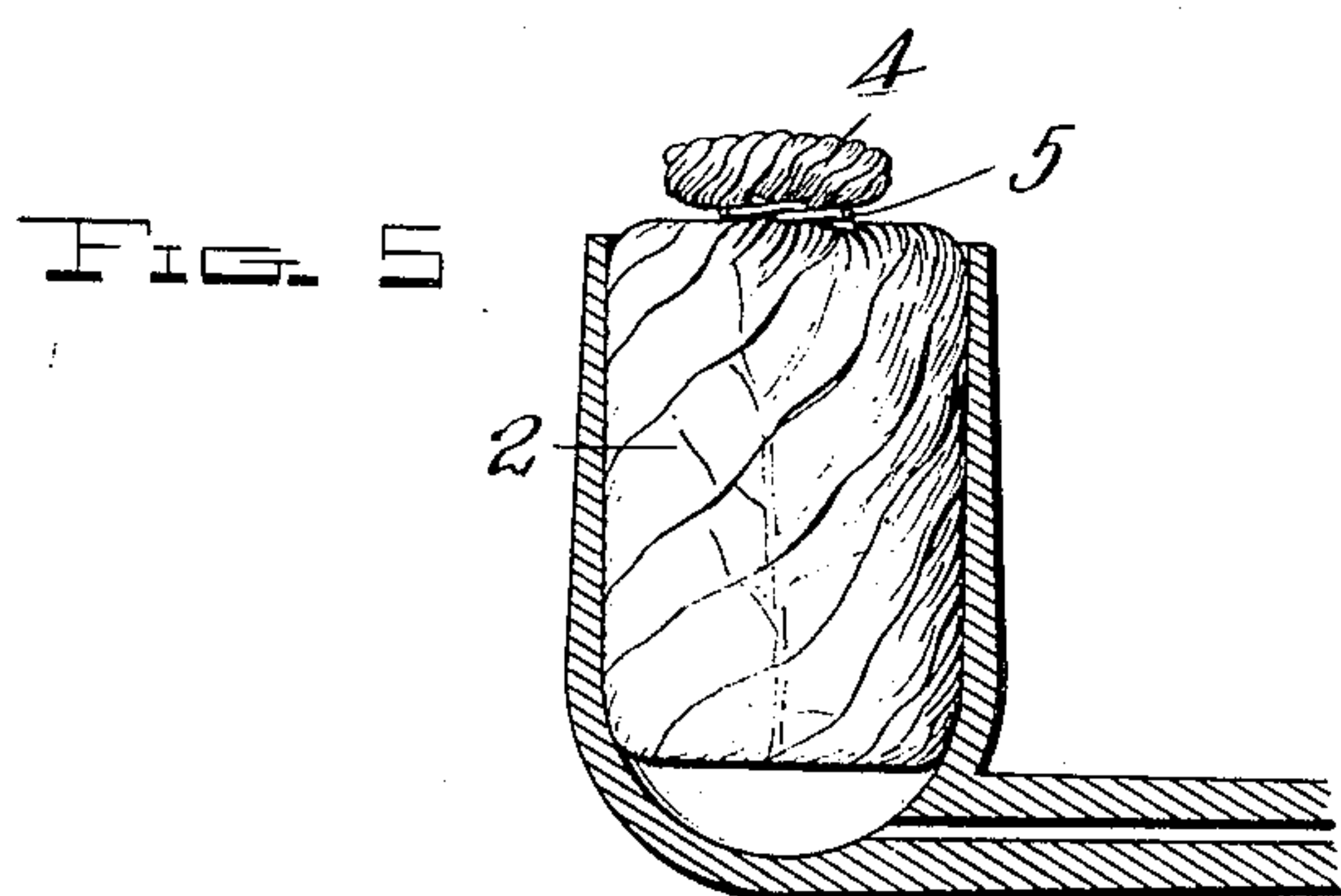
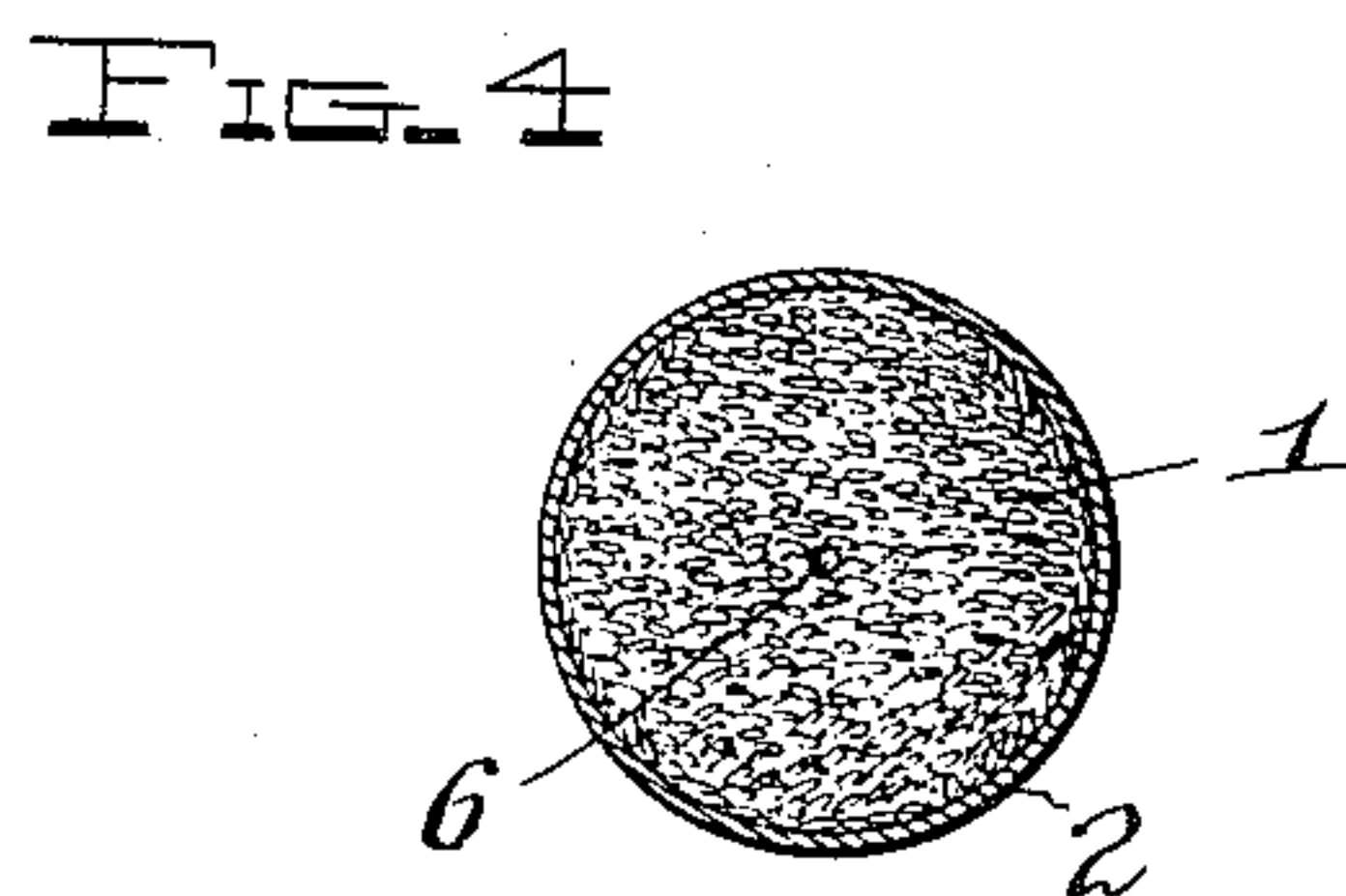
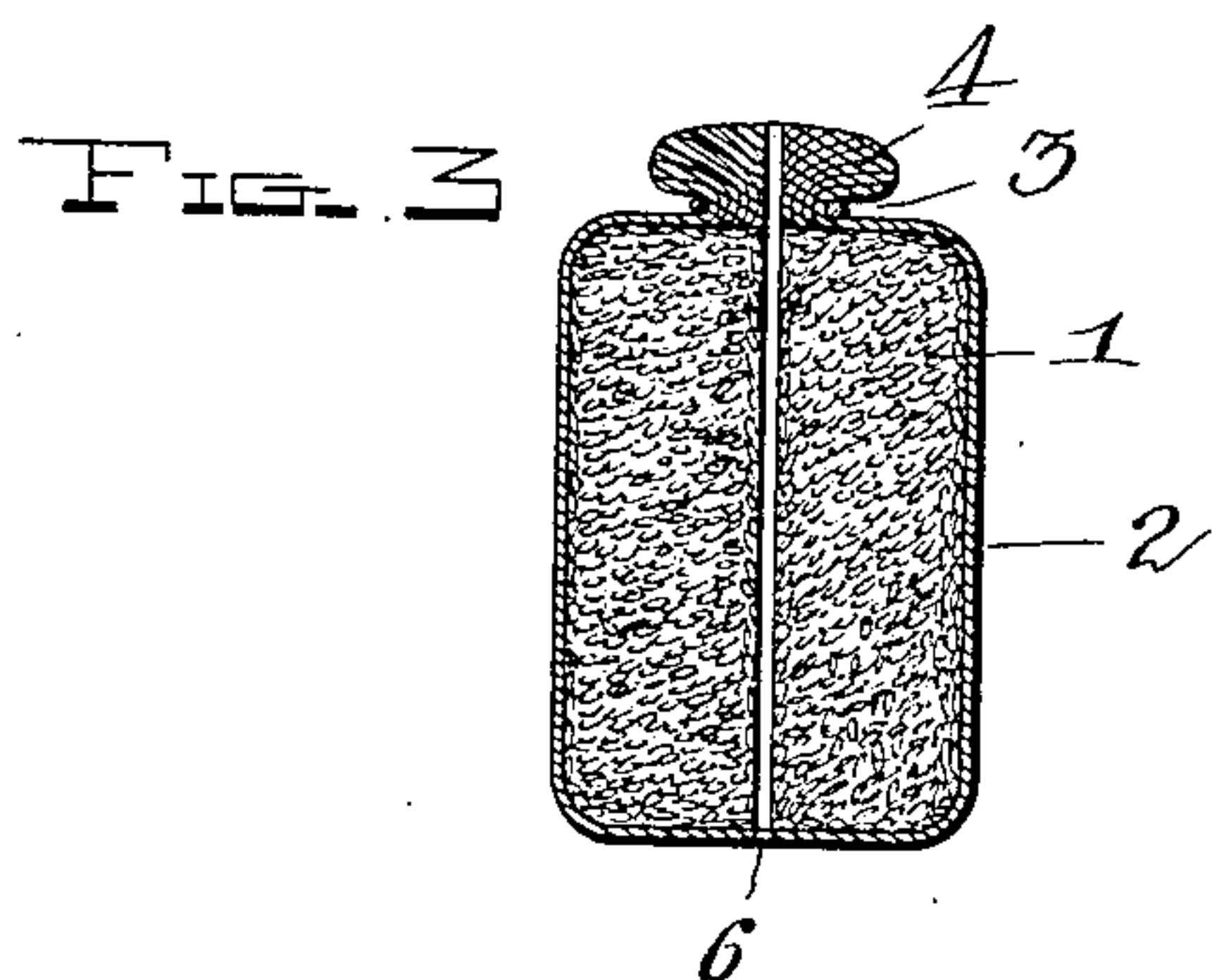
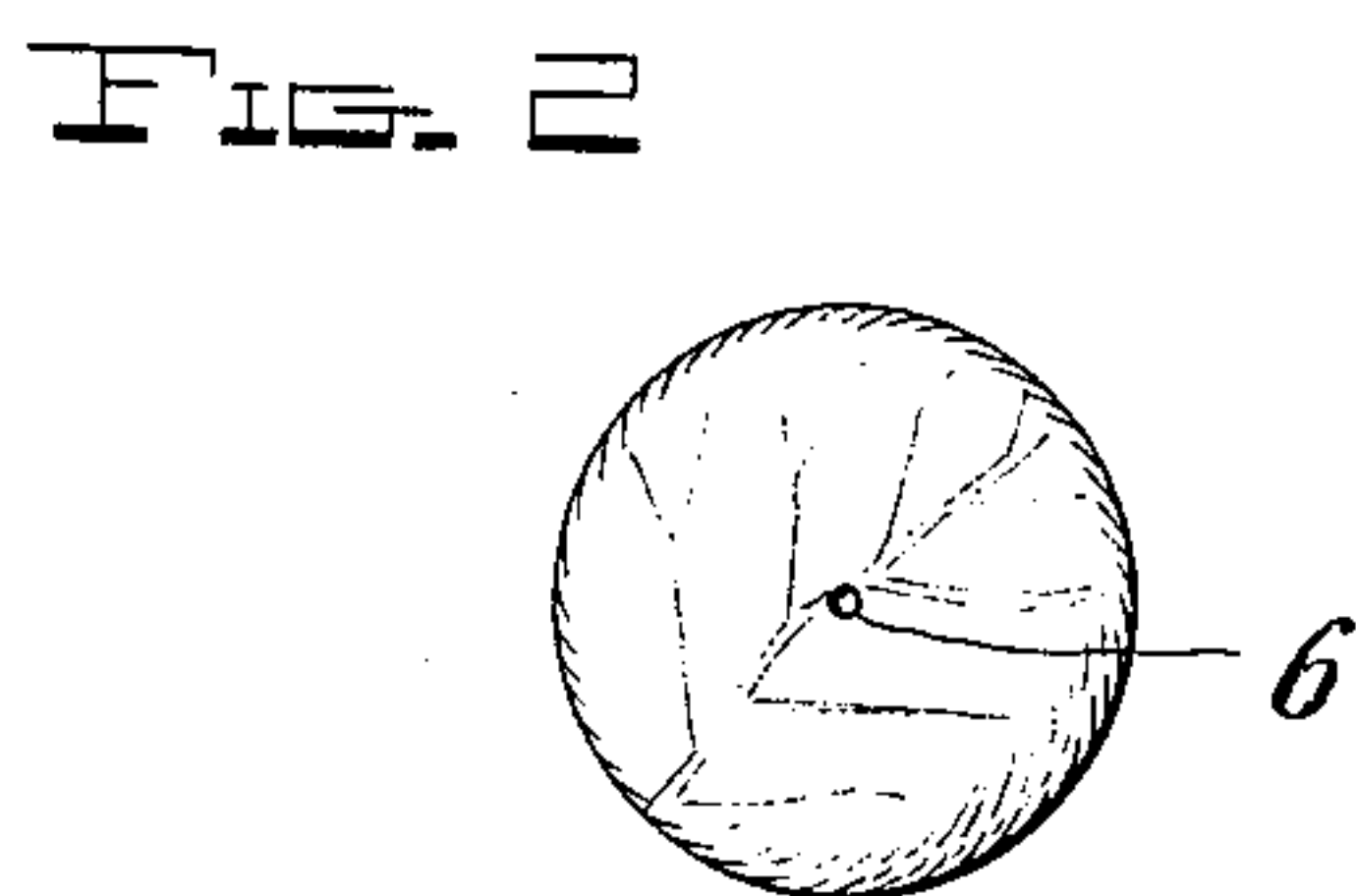
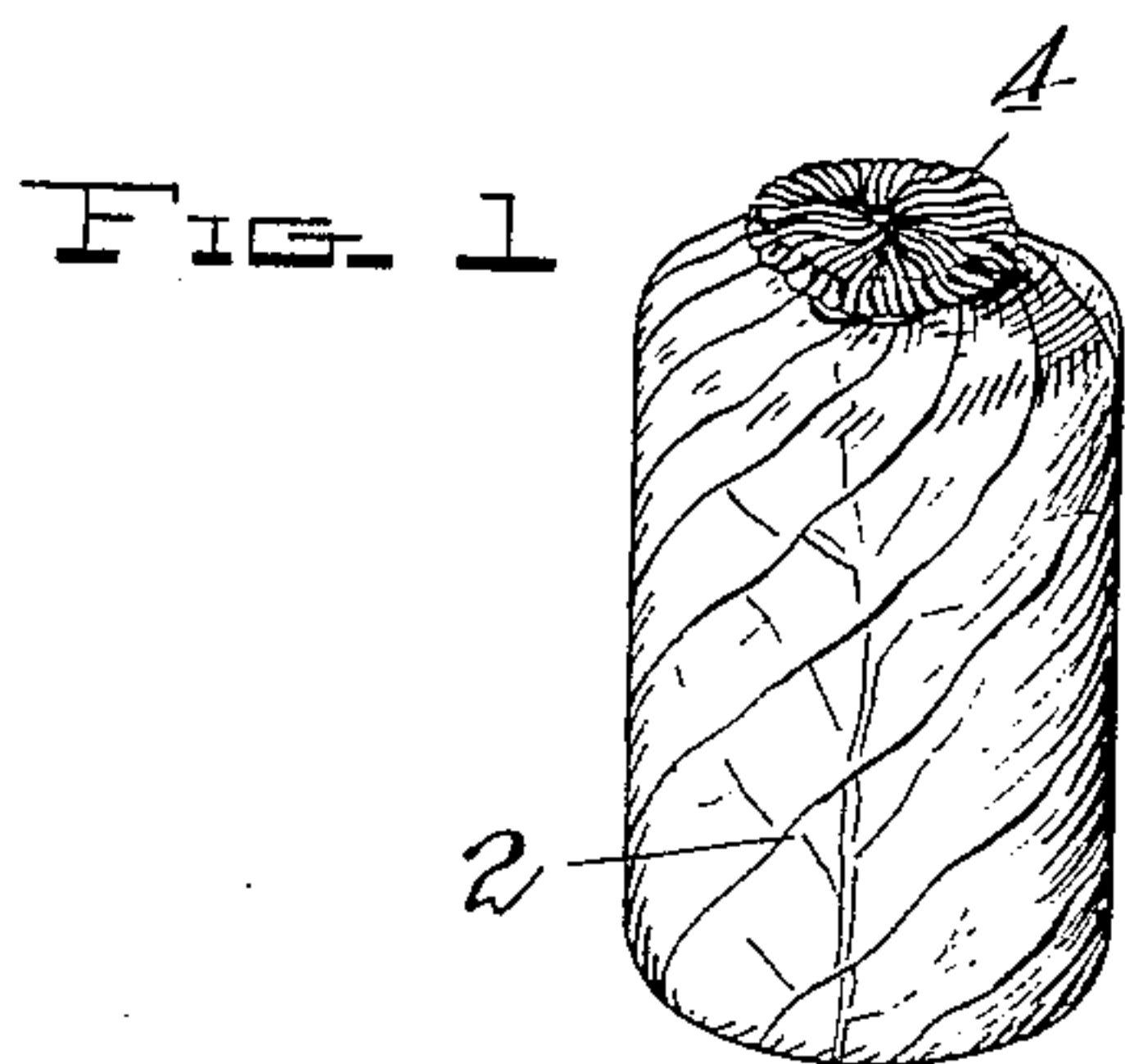


No. 824,552.

PATENTED JUNE 26, 1906.

J. O. LICEY.  
TOBACCO CARTRIDGE.  
APPLICATION FILED JAN. 30, 1905.



Witnesses  
*[Signature]*  
C. H. Griesbauer.

Inventor  
John O. Lacey  
By *[Signature]*  
Attorney



# UNITED STATES PATENT OFFICE.

JOHN O. LICEY, OF RIVER STYX, OHIO.

## TOBACCO-CARTRIDGE.

No. 824,552.

Specification of Letters Patent.

Patented June 26, 1906.

Application filed January 30, 1905. Serial No. 243,286.

*To all whom it may concern:*

Be it known that I, JOHN O. LICEY, a citizen of the United States, residing at River Styx, in the county of Medina and State of Ohio, have invented certain new and useful Improvements in Tobacco-Cartridges; and I do declare the following to be a full, clear, and exact description of the invention, such as will enable others skilled in the art to which it appertains to make and use the same.

My invention relates to improvements in smoking-cartridges for use in smoking-pipes; and it consists in certain novel features of construction, combination, and arrangement of devices hereinafter described and claimed.

The object of my invention is to provide a simple, inexpensive, and convenient prepared charge or cartridge of tobacco or the like which may be smoked in the usual tobacco-pipe, smoking-tube, or any other suitable holding device.

The above and other objects, which will appear as the nature of my invention is better understood, are accomplished by means of the construction illustrated in the accompanying drawings, in which—

Figure 1 is a perspective view of a smoking-cartridge made in accordance with my invention. Fig. 2 is a bottom plan view of the same. Fig. 3 is a longitudinal sectional view through the cartridge. Fig. 4 is a transverse sectional view; and Fig. 5 is a sectional view through a pipe, showing one of the smoking-cartridges therein.

My improved smoking-cartridge consists of a body or filler 1, a surrounding wrapper 2, and a binding means 3 for securing the wrapper upon the body or filler. The body 1 may be composed of tobacco, (*Nicotiana tabacum*), or any other substance which may be smoked, and when tobacco is used the same may be powdered, granulated, flake-cut, plug-cut, long-cut, cigar-clippings, or in any other divided form. The wrapper 2 may be composed of one or more leaves or pieces of leaves of dried or cured tobacco, (*Nicotiana tabacum*), or it may be one or more pieces or thicknesses of paper or any other sheet material in which the body 1 may be inclosed or wrapped. In making the cartridge the divided tobacco which forms the body 1 is placed upon the wrapper, and the edges of the latter are then gathered together at one end of the cartridge and preferably twisted, as shown at 4. The wrapper closes the other

end of the cartridge. The binding means 3, which unites the gathered edges 4, may be of any form. In the drawings I have shown a flexible string or cord made from a rib or stem of a leaf or stock of tobacco; but the same may be in the form of a thread or string of any other suitable material, which may be tied around the gathered or twisted portion 4 of the wrapper, as shown at 5. Instead of tying the portion 4 of the wrapper, as shown, the same may be sealed with wax or any suitable adhesive material, or it may be secured in any other manner. After the cartridge has been thus made it is subjected to pressure and molded in a suitable form, so that it will snugly fit the bowl of a pipe or any other suitable holding device. While I preferably mold the cartridges in the form of cylinders, as shown in the drawings, it will be understood that they may be made of any other desired shape or form. After the cartridges have been pressed and molded I pierce them longitudinally by means of any suitable instrument, so as to form a draft opening or passage 6, which will permit of the proper draft through the pipe or other holding device in which the cartridge is smoked. While I have described the cartridge as being preferably perforated before using, it is possible, and sometimes desired, to use the same without being perforated.

The construction, use, and many advantages of my invention will be readily understood from the foregoing description, taken in connection with the accompanying drawings. It will be seen that a great saving of tobacco will be effected by the use of a cartridge made as herein described, since it fits the pipe or other holder snugly, and there can be no spilling or wasting of the loose tobacco as when the pipe is filled in the usual manner. The wrapper 2, when made of a better quality of tobacco than the body or filler 1, will impart a better flavor to the smoke, and, owing to the fact that the wrapper holds the bottom of the cartridge above the bottom of the pipe-bowl, a warm-air chamber is thus formed, and the pipe will not become wet or strong, as is usually the case when loose tobacco is used, and the smoke will be without dampness and nicotin and there will always be a free draft through the pipe. The pipe may be easily and conveniently cleaned, and it may be filled without trouble by simply inserting a new cylinder or cartridge. The gathering or twisting of the



wrapper at one end of the cartridge also forms a sort of fuse, which projects from said end of the cartridge and may be readily ignited.

5 While I have shown and described the preferred embodiment of my invention, it will be understood that I do not wish to be limited to the precise construction herein shown and described, since various changes in the form, 10 proportion, and the minor details of construction may be resorted to without departing from the principle or sacrificing any of the advantages of this invention.

15 Having thus described my invention, what I claim as new, and desire to secure by Letters Patent, is—

1. The herein-described tobacco-cartridge for use for smoking in a pipe and of a size and shape to adapt it to fit in and fill a pipe, and 20 comprising the filler of tobacco, and wrapper of leaf-tobacco completely incasing and covering the sides and ends of the filler and having its edges gathered together at one end of

the cartridge at the center thereof and secured to form a fuse projecting from said end 25 of the cartridge.

2. The herein-described tobacco-cartridge for use for smoking in a pipe and of a size and shape to adapt it to fit in and fill a pipe, and comprising the filler of tobacco, and wrapper 30 of leaf-tobacco completely incasing and covering the sides and ends of the filler and having its edges gathered together at one end of the cartridge at the center thereof and secured to form a fuse projecting from said end 35 of the cartridge, said cartridge having an opening extending longitudinally therethrough and also extending through said fuse.

In testimony whereof I have hereunto set my hand in presence of two subscribing witnesses. 40

JOHN O. LICEY.

Witnesses:

JOHN LEATHERMAN,  
EVAN SPICE.