

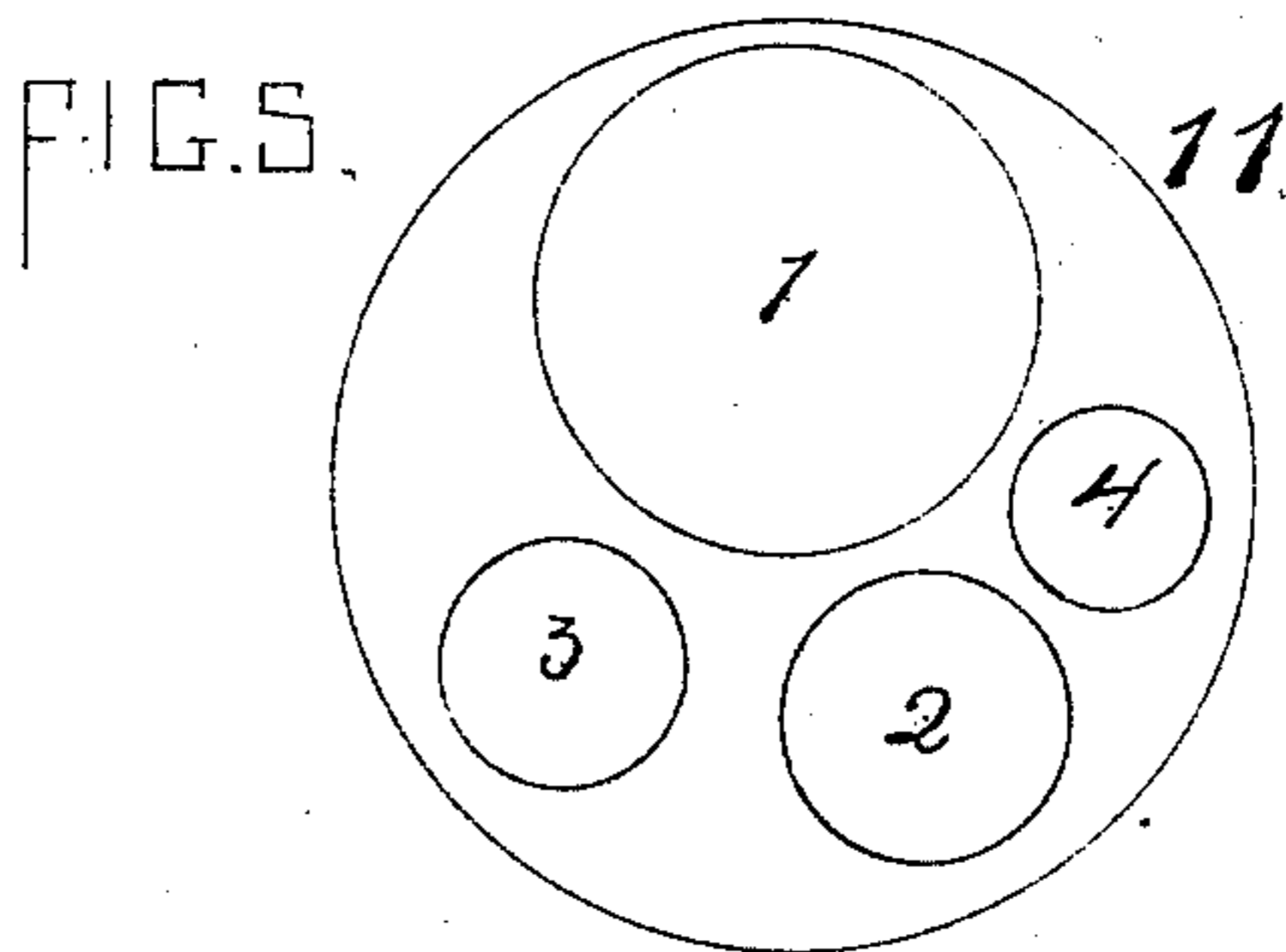
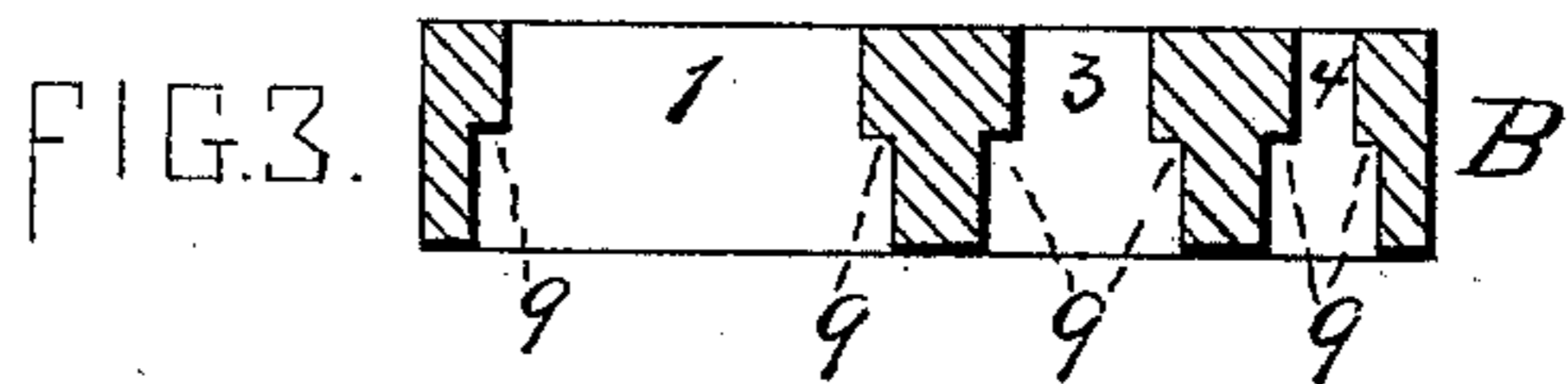
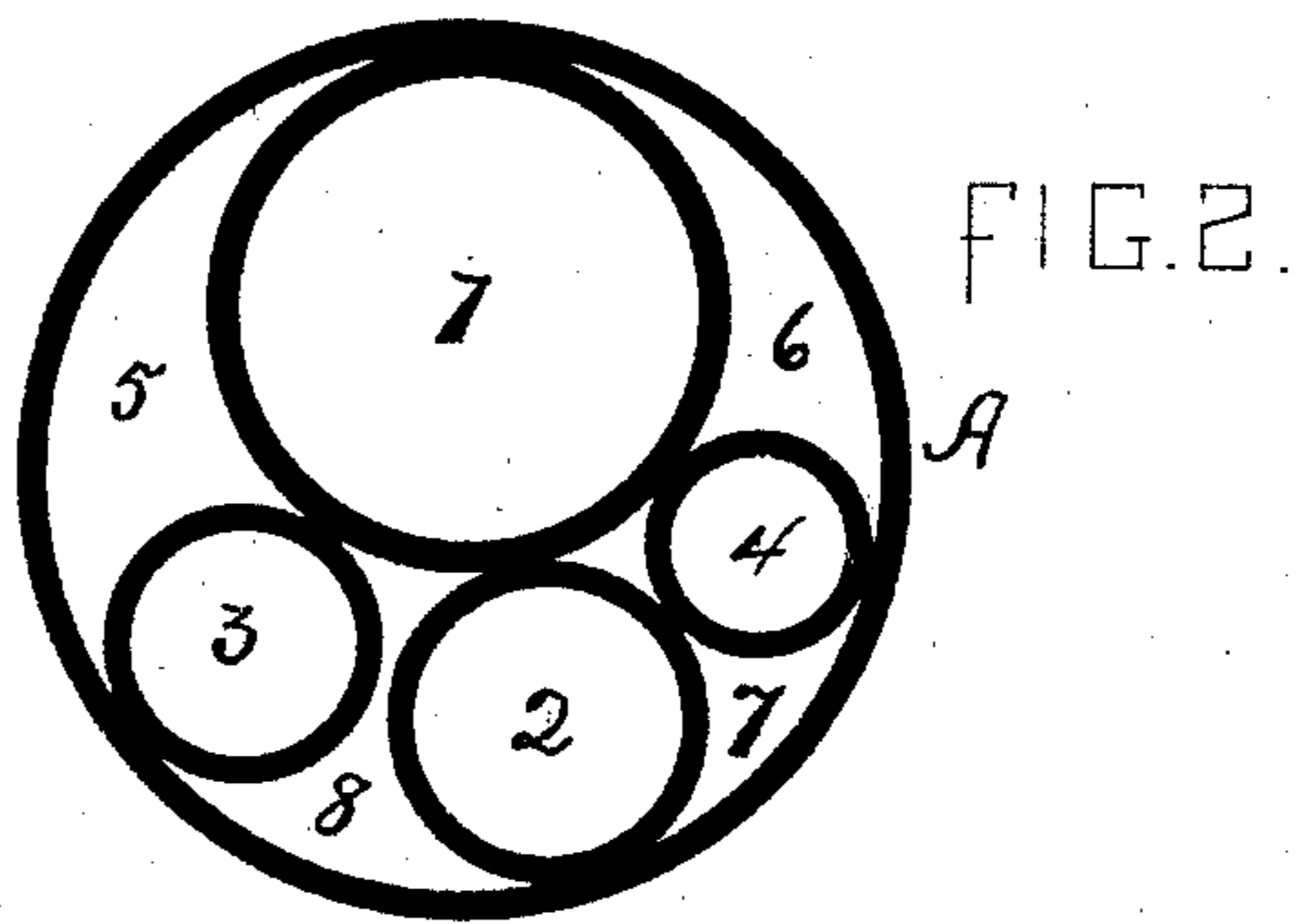
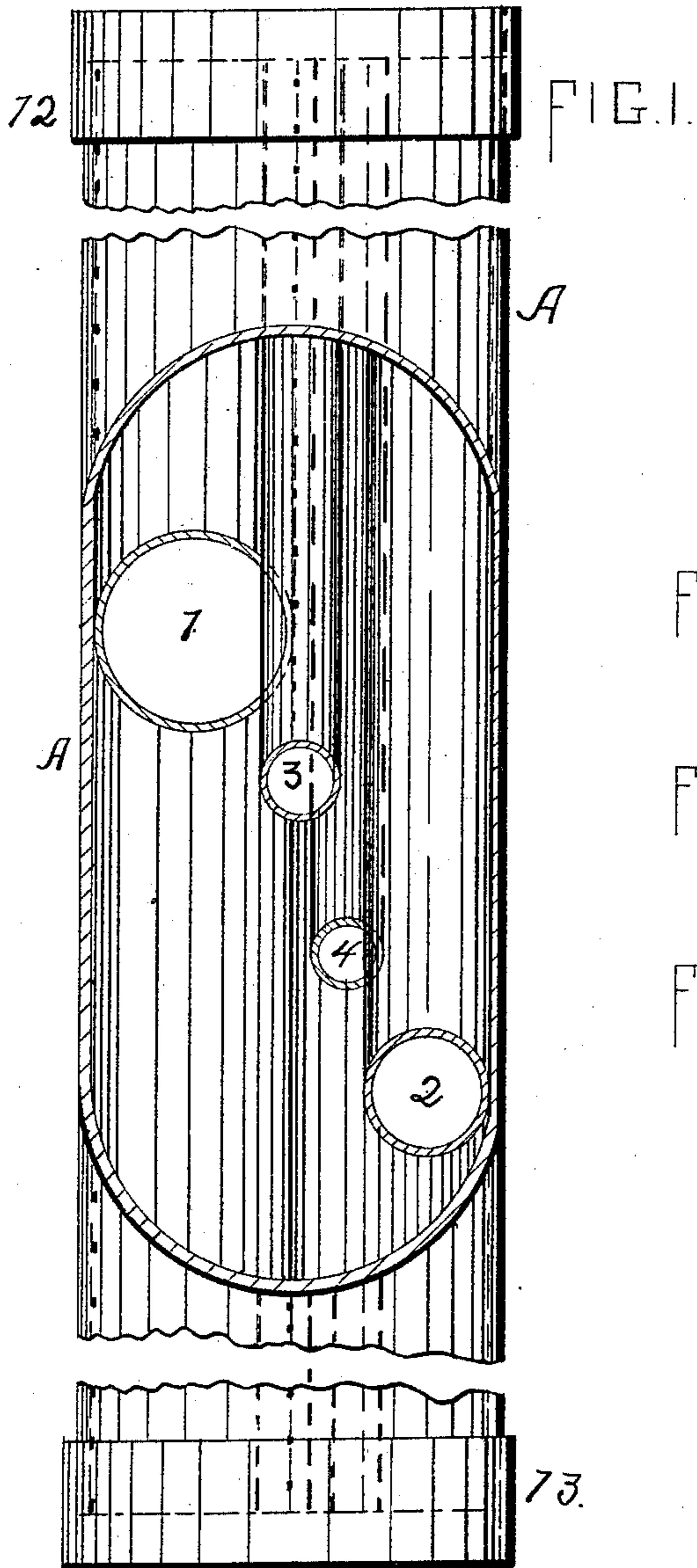
(No Model.)

H. LOFTIE.

FISHING ROD CASE.

No. 396,702.

Patented Jan. 22, 1889.



WITNESSES
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INVENTOR.

UNITED STATES PATENT OFFICE.

HENRY LOFTIE, OF SYRACUSE, NEW YORK.

FISHING-ROD CASE.

SPECIFICATION forming part of Letters Patent No. 396,702, dated January 22, 1889.

Application filed June 3, 1887. Renewed December 26, 1888. Serial No. 294,698. (No model.)

To all whom it may concern:

Be it known that I, HENRY LOFTIE, of Syracuse, county of Onondaga, in the State of New York, a citizen of the United States, have invented certain new and useful Improvements in Fishing-Rod Cases, of which the following is a specification, reference being had to the accompanying drawings, in which—

Figure 1 is an elevation, partly cut away, to show the internal arrangement. Fig. 2 is a plan view of an end without a cap; Fig. 3, a section of a head-piece; Fig. 4, a section of a bottom piece; Fig. 5, a plan view of a metallic or flexible piece to cover the spaces between the inner and outer tubes at the ends.

My invention relates to cases adapted to receive and hold the several sections of jointed fishing-rods; and my object is to improve the construction and utility of such cases by providing a distinct and separate compartment for each rod-section, the whole being water-proof and strong to protect the sections from damage.

My invention consists, broadly, in a case consisting of an outer tube provided with end caps and inclosing other tubes of varying sizes, each inner tube being distinct from the others, and thereby creating a special and separate compartment for each rod-section, and also in the several other novel features of construction and combinations of elements hereinafter described, and specifically set forth in the several clauses of the claims hereunto annexed.

It is constructed as follows: A is the outer tube, and 1, 2, 3, and 4 are the inner ones, all of which may be constructed of paper, wood, wood veneer rolled into tubes, or any other light material, graduated in size substantially as shown, and either straight or tapered longitudinally. The outer tube can be covered with cloth in any ordinary manner and made water-proof in any manner. The inner tubes may be cloth-lined and waterproofed, either inside or out, or both. All of the tubes may be made from pulp prepared to produce water-proof paper, and wound direct from the wet machine. The spaces between the inner and outer tubes may be filled with long or short moldings 5 6 7 8, when short only closing the ends for a small distance, and when long ex-

tending the whole length of the tubes; or any other suitable packing can be used; also, when long moldings are used, I can use cloth for the outer tubing, and cement or glue it fast upon the exterior surfaces of the moldings.

In Fig. 3 I show a perforated head, B, having a perforation for each tube 1 2 3 4, and provided with a shoulder, 9, the head resting upon the ends of the inner tubes, the shoulders and tubes meeting and closing the spaces between the inner tubes and the outer one. In the lower end of the case I place within the cap or within the outer tube the perforated holder 10, the perforations coinciding with the inner tubes, and all of these perforations having tapering sides. The ends of the rod-sections entering them encounter the tapers, and these ends of the sections are held from rattling and shaking around, and they are prevented from rubbing against the interior of the tubes.

In Fig. 5 I show a perforated plate, 11, of metal or of flexible material, the perforations being a little smaller than the bore of the inner tubes, and when placed in position upon the ends of the tubes the perforations of plate and tubes will coincide. I can also use both a metallic and a flexible plate, the perforations of the metallic plate being of the same size as the bores of the inner tubes, and those of the flexible plate being smaller, so that their edges project over the edges of the bores of the inner tubes, and then the edges of the holes in the perforated flexible plate hold the rod-sections from rattling, &c. I also provide the ordinary end caps, inclosing and protecting the ends of the outer tube, the top one being made in two parts screwing together; or I can use a leather cap and a strap-and-buckle fastening. It will be observed that these inner tubes constitute separate and distinct compartments for the rod-sections, not communicating with each other. It will be further observed that I can, in place of using the holder 10, as shown in the drawings, use a separate plug perforated with a tapering hole for each inner tube, securing it within the lower end of the tube, and that these perforations need not extend clear through.

What I claim as my invention, and desire to secure by Letters Patent, is—

1. A fishing-rod case consisting of an outer

tube, a set of diametrically-graduated tubes placed within the outer tube, and end caps, substantially as described.

5 2. A fishing-rod case consisting of an outer tube, a set of diametrically-graduated tubes inclosed therein with suitable packing or filling, and end caps, substantially as described.

10 3. A fishing-rod case consisting of an outer tube, a set of diametrically-graduated tubes inclosed therein, and a holder, 10, for retaining the ends of the rod-sections, provided with tapering perforations and fitting upon the lower ends of the inner tubes, substantially as described.

15 4. A fishing-rod case consisting of an outer tube, a set of diametrically-graduated tubes inclosed therein, and metallic or flexible plates for steadying the upper ends of the rod-sections

tions fitting on top of the inner tubes, and caps inclosing the ends of the outer tube, 20 substantially as described.

5. A fishing-rod case consisting of an outer tube inclosing other tubes constituting a series of distinct diametrically-graduated compartments, substantially as described. 25

6. A fishing-rod case consisting of an outer tube, a set of diametrically-graduated tapering tubes to conform to the varying thickness of the several rod-sections inclosed therein, and end caps, substantially as described. 30

In witness whereof I have hereunto set my hand this 1st day of March, 1887.

HENRY LOFTIE.

In presence of—

C. W. SMITH,

A. M. SELLWOOD.