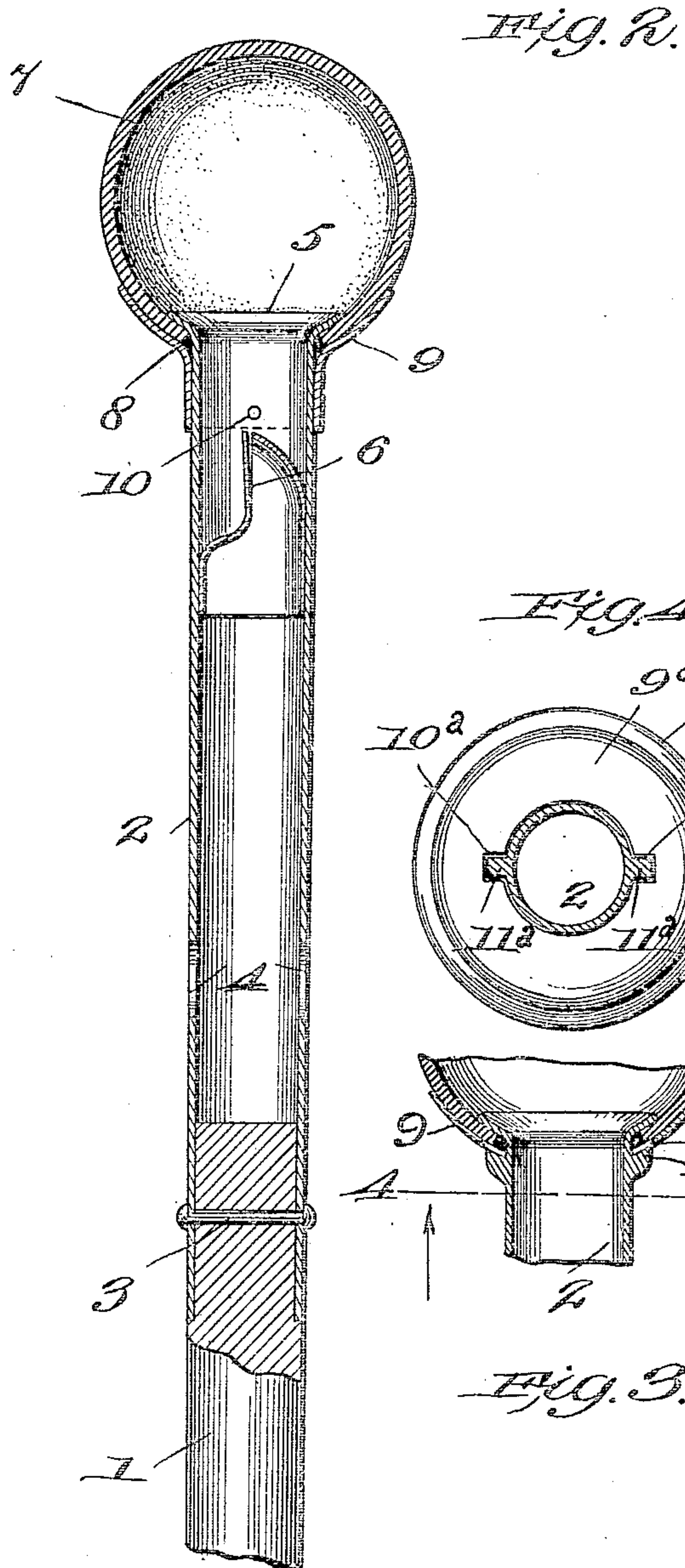
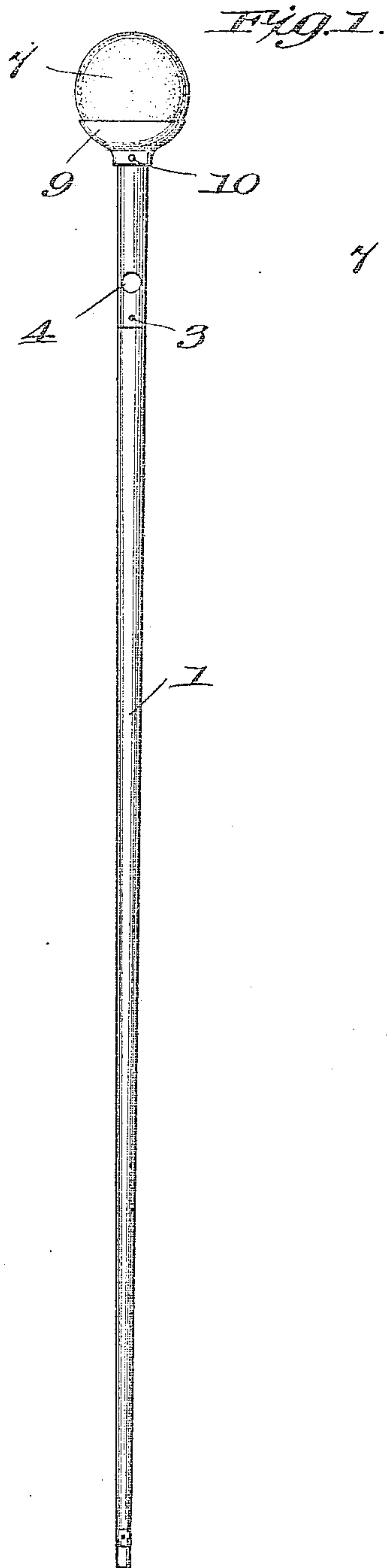


R. O. BOLLES.
CANE.

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953,586.

Patented Mar. 29, 1910.



Witnesses
W. Max. Durrall.
J. H. Smith

Inventor
Robert O. Bolles
By Wilkinson, J. H. & Witherspoon
his Attorneys

UNITED STATES PATENT OFFICE.

ROBERT O. BOLLES, OF BLOOMINGTON, ILLINOIS, ASSIGNOR OF ONE-HALF TO JOHN H. WOOD, OF BLOOMINGTON, ILLINOIS.

CANE.

953,586.

Specification of Letters Patent. Patented Mar. 29, 1910.

Application filed April 27, 1908. Serial No. 429,467.

To all whom it may concern:

Be it known that I, ROBERT O. BOLLES, a citizen of the United States, residing at Bloomington, in the county of McLean and State of Illinois, have invented certain new and useful Improvements in Canes; and I do hereby 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.

This invention relates to improvements in walking sticks or canes, and is especially designed as a novelty for use in political or other campaigns, and at other times during festive seasons of the year.

The primary object of the invention is to provide a walking stick with sound producing means such as a reed, a horn, or a whistle, which sound producing means is operated intermittently while the cane is being used in walking, and without any movement of the operator other than the natural movement of a person when using a cane while walking.

While the invention is not restricted to the exact details illustrated and described, still for the purpose of disclosure reference is had to the accompanying drawings, illustrating a practical embodiment of the same, in which like numerals designate the same parts in the several views, and in which—

Figure 1 is an elevation of a walking stick or cane with the invention applied. Fig. 2 is a fragmentary view of same on an enlarged scale, and with the upper or hollow portion of the cane shown in longitudinal section. Fig. 3 is a local fragmentary view in longitudinal section, showing a slightly modified means for affixing a collapsible ball to the cane, and Fig. 4 is a cross section on the line 4—4 of Fig. 3, and looking in the direction of the arrows.

1 designates an ordinary walking stick, which is provided with means for producing sound when pressure is exerted longitudinally of said cane.

In the drawings, the sound producing means is shown at the top of the cane and consists of a tubular extension 2, riveted to the cane as at 3, and provided with apertures 4, a flaring upper lip 5, and intermediate

sound producing device indicated at 6. Surmounting this tubular extension, is an air containing collapsible member such as a rubber ball 7, forming the head of the cane, and being provided with an aperture 8, adapted to be fitted over and to seat beneath the flaring lip 5. In order to hold the ball firmly in this position, there is provided on the tube 2 a movable member, comprising a concave, annular flaring rim 9, adapted to be forced up against the rubber ball and hold its apertured portion fixedly in contact with the lip 5.

In Fig. 2, a pin 10 is shown to indicate one means of securing the flaring rim in position.

In Figs. 3 and 4, a slightly modified form of securing the ball on its seat is shown. In these views, the flaring rim 9^a is mounted to move longitudinally of said tube and also rotatably therearound, and is provided with recesses 10^a, coöperating with lugs 11^a on the tube 2, and forming a slip joint therebetween.

From the foregoing, it will be seen that means are provided for readily and securely fixing the ball on the tubular extension, and at the same time it will be seen that an article is produced whereby during the natural movements of walking, a downward pressure is exerted on the ball, which forces the air through the tubular extension, causing the sound producing means to operate as the air passes therethrough.

What I claim is—

1. The combination of a cane having a solid body portion and a tubular upper portion immovably mounted thereon, said tubular portion being provided with an air outlet aperture near the solid portion of the cane, a collapsible air containing member forming the head or handle of said cane, and sound-producing means located within said tube intermediate of said aperture and said collapsible member, substantially as described.

2. The combination of a cane terminating at its upper end in a tube and provided with an air outlet, a rubber ball surmounting said tube and forming the top or handle of said cane and having an opening therein communicating with said tube, and sound-pro-

ducing means in said tube intermediate of
said rubber ball and said air outlet, the
whole constructed and arranged without the
use of a spring to operate upon downward
5 pressure of the hand on said ball, during
the natural use of said cane, to produce in-
termittent sounds, substantially as described.

In testimony whereof, I affix my signa-
ture, in presence of two witnesses.

ROBERT O. BOLLES.

Witnesses:

WM. E. KLOPP,
WM. P. BOLLES.