

No. 711,090.

Patented Oct. 14, 1902.

J. ZILKIE.
TOY WHISTLE.

(Application filed June 11, 1902.)

(No Model.)

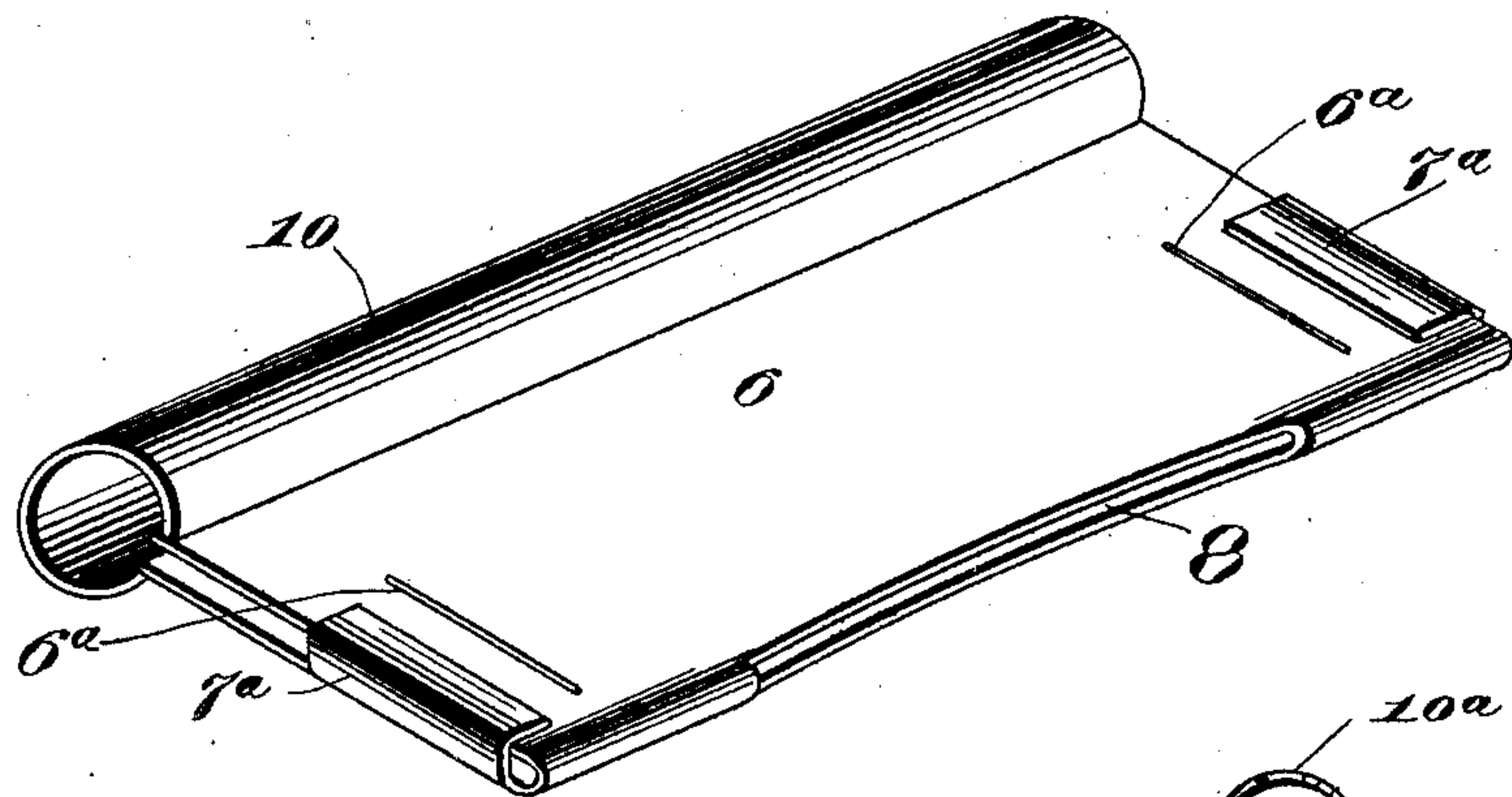


Fig. 1.



Fig. 3.

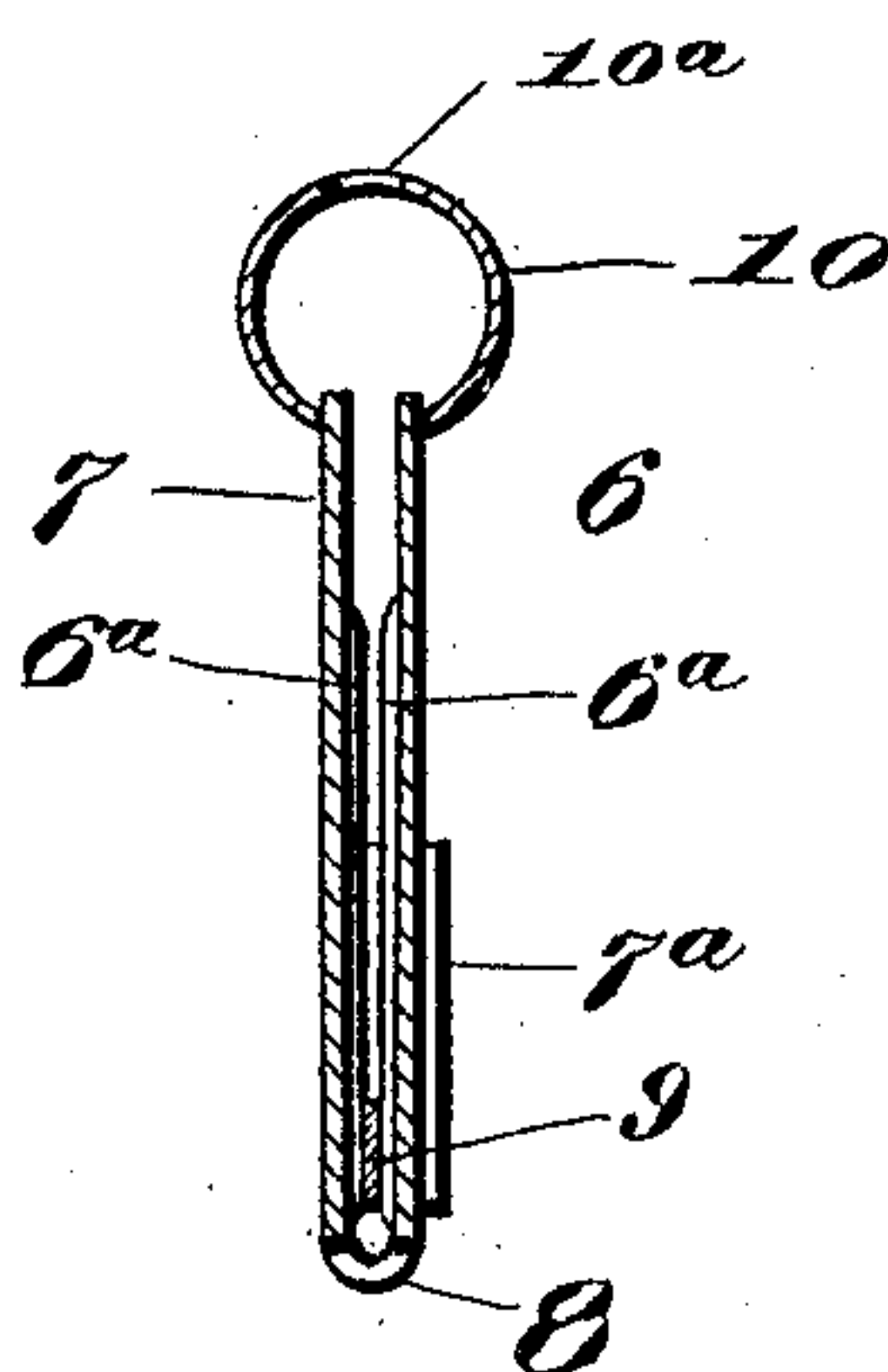


Fig. 2.

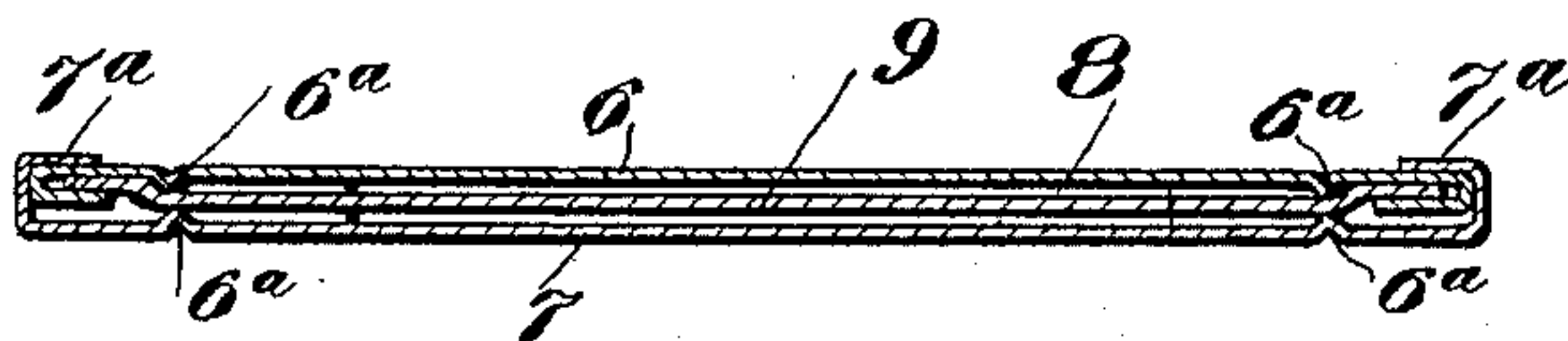


Fig. 4.

Witnesses

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JOHN ZILKIE, OF CHICAGO, ILLINOIS.

TOY WHISTLE.

SPECIFICATION forming part of Letters Patent No. 711,090, dated October 14, 1902.

Application filed June 11, 1902. Serial No. 111,127. (No model.)

To all whom it may concern:

Be it known that I, JOHN ZILKIE, a citizen of the United States, residing at Chicago, in the county of Cook and State of Illinois, have
5 invented certain new and useful Improvements in Toy Whistles; 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
10 appertains to make and use the same, reference being had to the accompanying drawings, and to the figures of reference marked thereon, which form a part of this specification.

15 This invention relates to toy whistles in which the sound is produced by the vibration of a reed or membrane caused by blowing across the same; and the object of the invention is to form an improved sounding device
20 which will produce a louder and better tone than in existing whistles.

An embodiment of the invention is illustrated in the accompanying drawings, in which—

25 Figure 1 is a perspective view thereof. Fig. 2 is a cross-section. Fig. 3 is a rear view. Fig. 4 is a longitudinal section.

Referring specifically to the drawings, the casing is formed of thin sheet metal, a plate
30 of which of suitable size is folded over upon itself to form a top 6 and bottom 7. An opening 8 is formed at the bend of the plate, through which the breath is blown to sound the whistle. A reed or membrane 9, preferably
35 formed of rubber, is stretched across between the top and bottom, adjacent the mouth-opening, the ends of the membrane being held between crimps 6^a, formed in the

top and bottom plates, and clamped by ears 7^a, which project from the bottom plate and
40 are bent down upon the top plate to bind the parts together.

The rear ends of the plates are joined to a curved or tubular sounding-piece, (indicated
45 at 10.) This is preferably formed of celluloid, as I have found that that material is suitable to produce a loud and pleasing tone. The
50 sounding-tube is open at each end and also has an opening 10^a between its ends. By applying the fingers to these openings variations of tone may be produced. Other variations may also be produced by holding the
55 top and bottom plates between the teeth and varying the distance between the plates by appropriate pressure.

What I claim is—

1. A toy of the character described comprising a casing formed of two spaced plates, a vibratory membrane stretched across between
60 the plates, and a curved sounding-piece of lighter material than the plates joined to the rear edges thereof.

2. A toy of the character described comprising a casing formed of two spaced plates, a vibratory membrane stretched across between
65 the plates, and a sounding-tube having finger-openings at and between the ends thereof, joined to and spanning the plates at the rear edges thereof.

In testimony whereof I affix my signature
70 in presence of two witnesses.

JOHN ZILKIE.

Witnesses:

NELLIE FELTSKOG,
H. G. BATCHELOR.