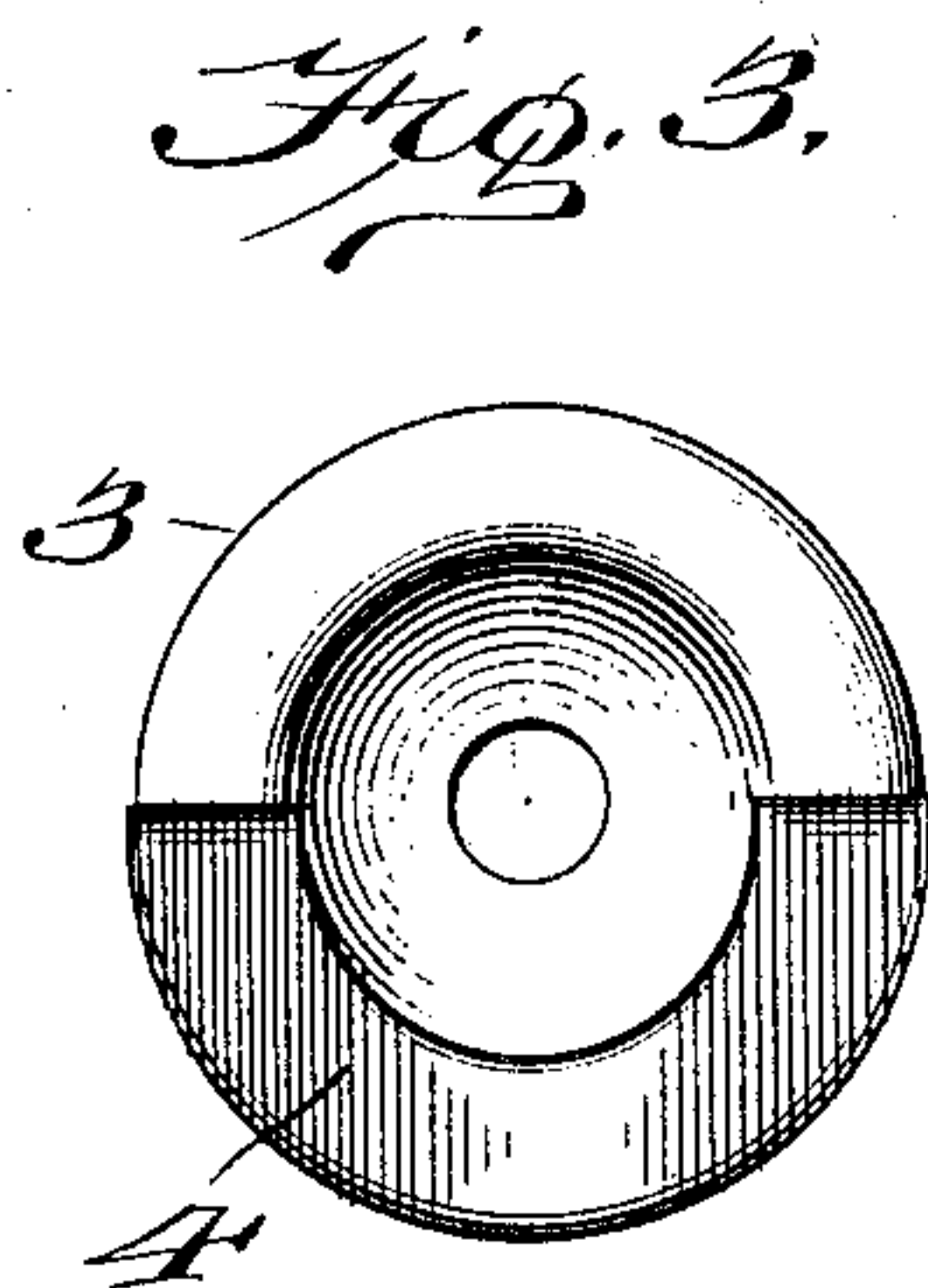
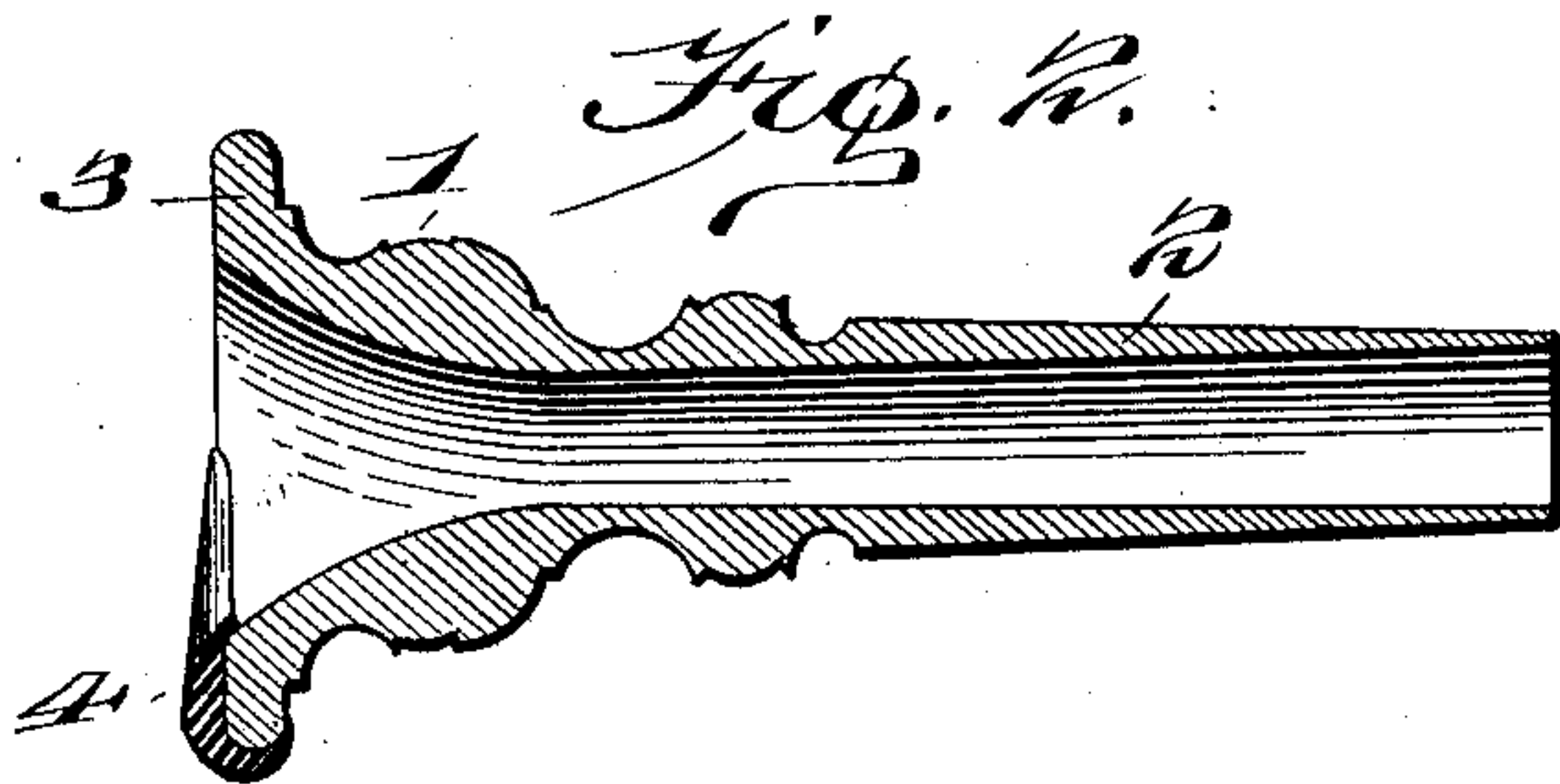
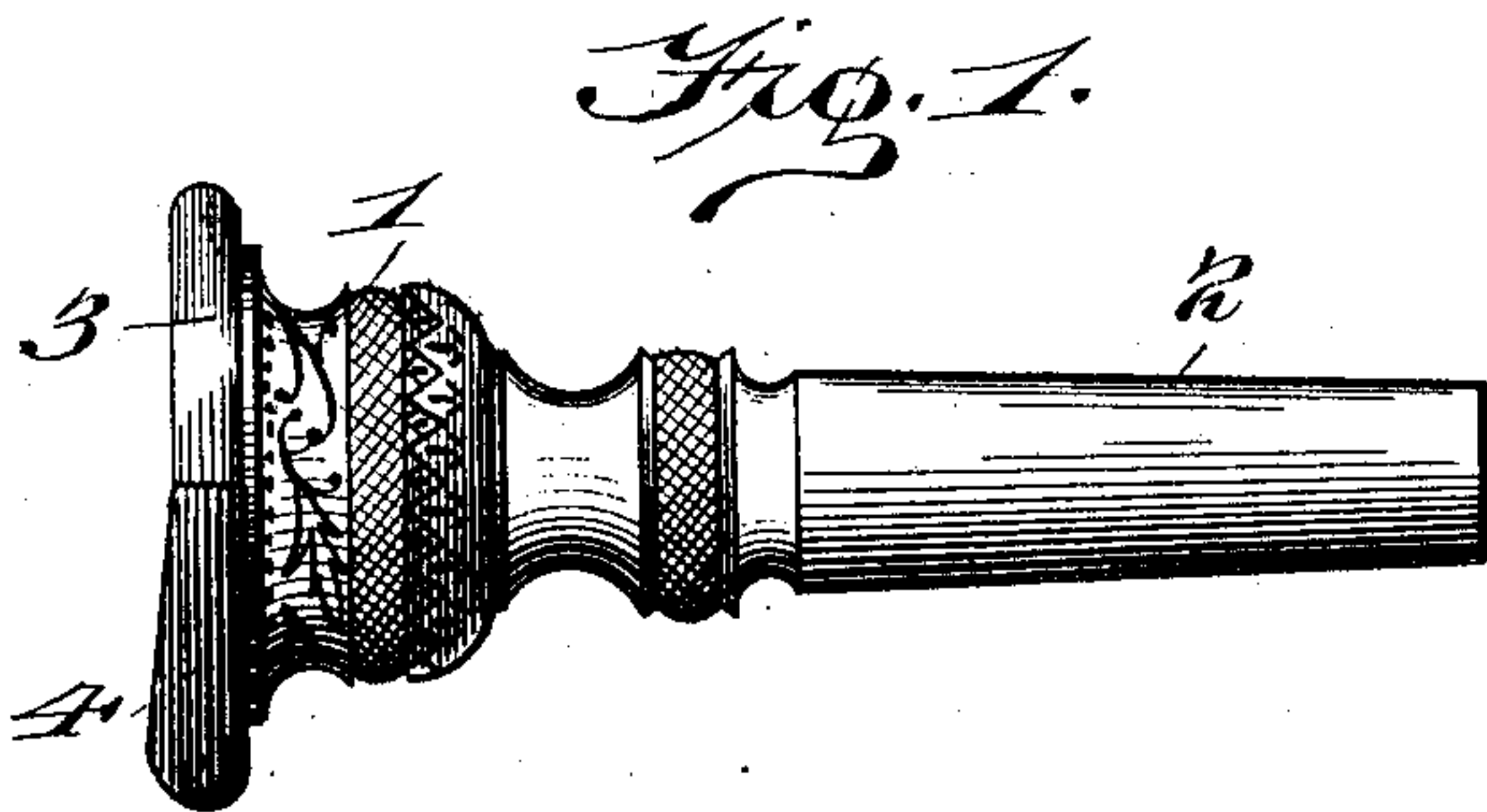


No. 747,591.

PATENTED DEC. 22, 1903.

C. G. CONN.
CORNET MOUTHPIECE.
APPLICATION FILED OCT. 28, 1903.

NO MODEL.



Witnesses
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UNITED STATES PATENT OFFICE.

CHARLES G. CONN, OF ELKHART, INDIANA.

CORNET-MOUTHPIECE.

SPECIFICATION forming part of Letters Patent No. 747,591, dated December 22, 1903.

Application filed October 28, 1903. Serial No. 178,895. (No model.)

To all whom it may concern:

Be it known that I, CHARLES GERARD CONN, a citizen of the United States, residing in Elkhart, in the county of Elkhart, in the State of Indiana, have invented certain new and useful Improvements in Cornet-Mouthpieces, of which the following is a specification.

In the drawings, Figure 1 is a side elevation of the mouthpiece embodying my invention. Fig. 2 is a vertical central longitudinal section of the same, and Fig. 3 is an end view of the mouthpiece.

1 is the body of the mouthpiece.

2 is the extension that extends within the mouth-pipe of the cornet.

3 is the lip-rim of the mouthpiece, to the face of which a cushion 4 is secured, said cushion 4 being preferably rubber vulcanized to the face of the lip-rim and extending over the lower half of the lip-rim, the outer face of said cushion being beveled or inclined outwardly toward the bottom of the mouthpiece. It will be noticed that the upper half of the lip-rim is at a true right angle to the bore of the mouthpiece.

As explained and as illustrated in the drawings, the face of the lip-rim of the mouthpiece is only partly covered with the rubber, so placed that it serves to give the under lip a firmer grip while the performer is playing. When an embouchure mouthpiece is in use, the upper lip receives the principal pressure. The function of the lower lip is to change the size of the orifice created by both lips and which assist in increasing or diminishing the vibrations of the lip-tissue, thus producing the different tones of the scale.

The object in covering that part of the face of the lip-rim of the mouthpiece used by the under lip when the performer is playing is to enable him to keep a grip on the mouthpiece and change the size of the orifice of the lip-tissue which produces the sound with greater ease. With the use of this improvement a performer can play easier and change from high to low tone, or vice versa, much more readily than he could with the original mouthpiece in common use. The shape and size of the rubber surface can be made thicker or thinner to conform to the shape, size, and formation of the lip and jaw of the performer.

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

1. The combination with a mouthpiece of an outwardly and downwardly inclined cushion secured to the lower portion of the rim thereof.

2. A mouthpiece for wind instruments having one half of its rim at right angles to its bore, the other half being cushioned at an angle to its bore.

3. The combination with a mouthpiece, of a lip-rim, the upper half of which is at right angles to the bore of the mouthpiece while the lower half is provided with a cushion beveled or inclined outwardly toward the bottom of the rim.

The foregoing specification signed this 23d day of October, 1903.

CHARLES G. CONN.

In presence of—

DELOS N. WEAVER,
JESSIE M. LAMB.