

No. 883,232.

PATENTED MAR. 31, 1908.

N. L. POLINGER.
DENTAL MOUTH PROP.
APPLICATION FILED NOV. 21, 1907.

Fig. 1.

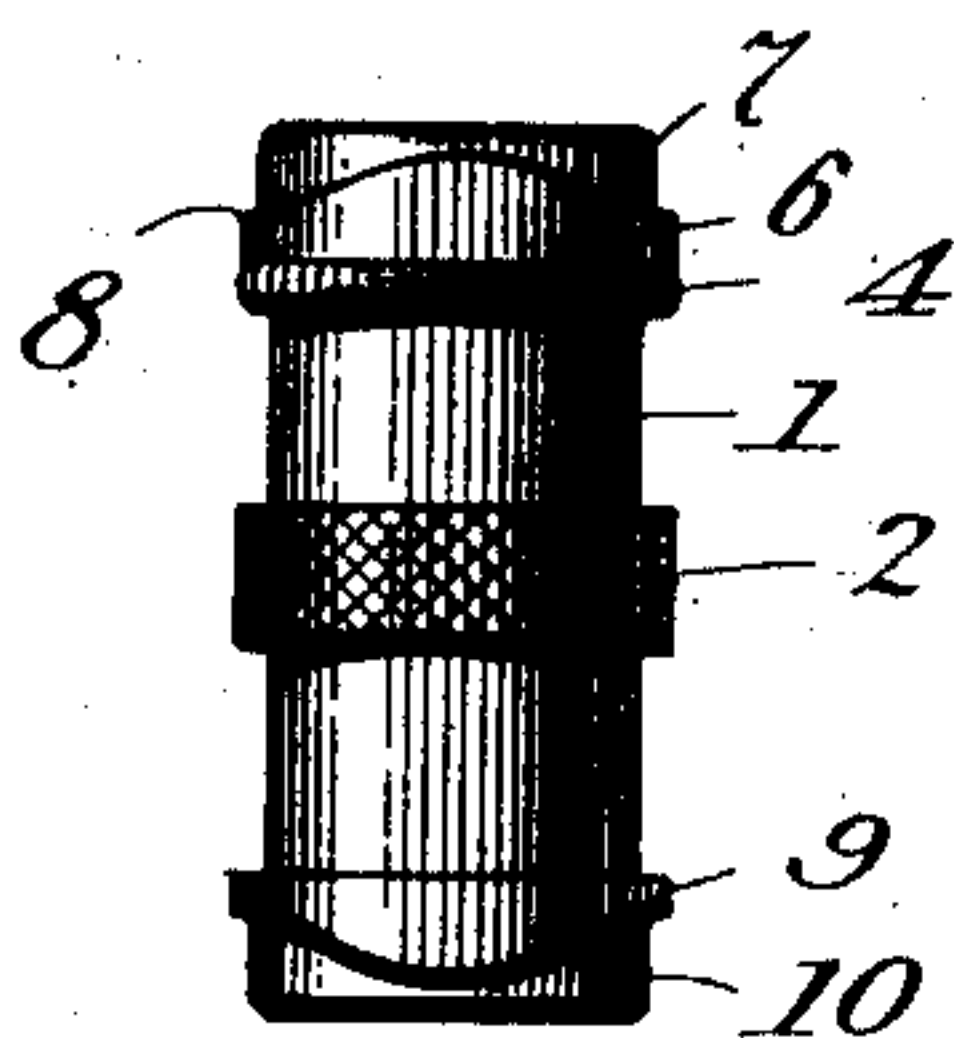


Fig. 2.

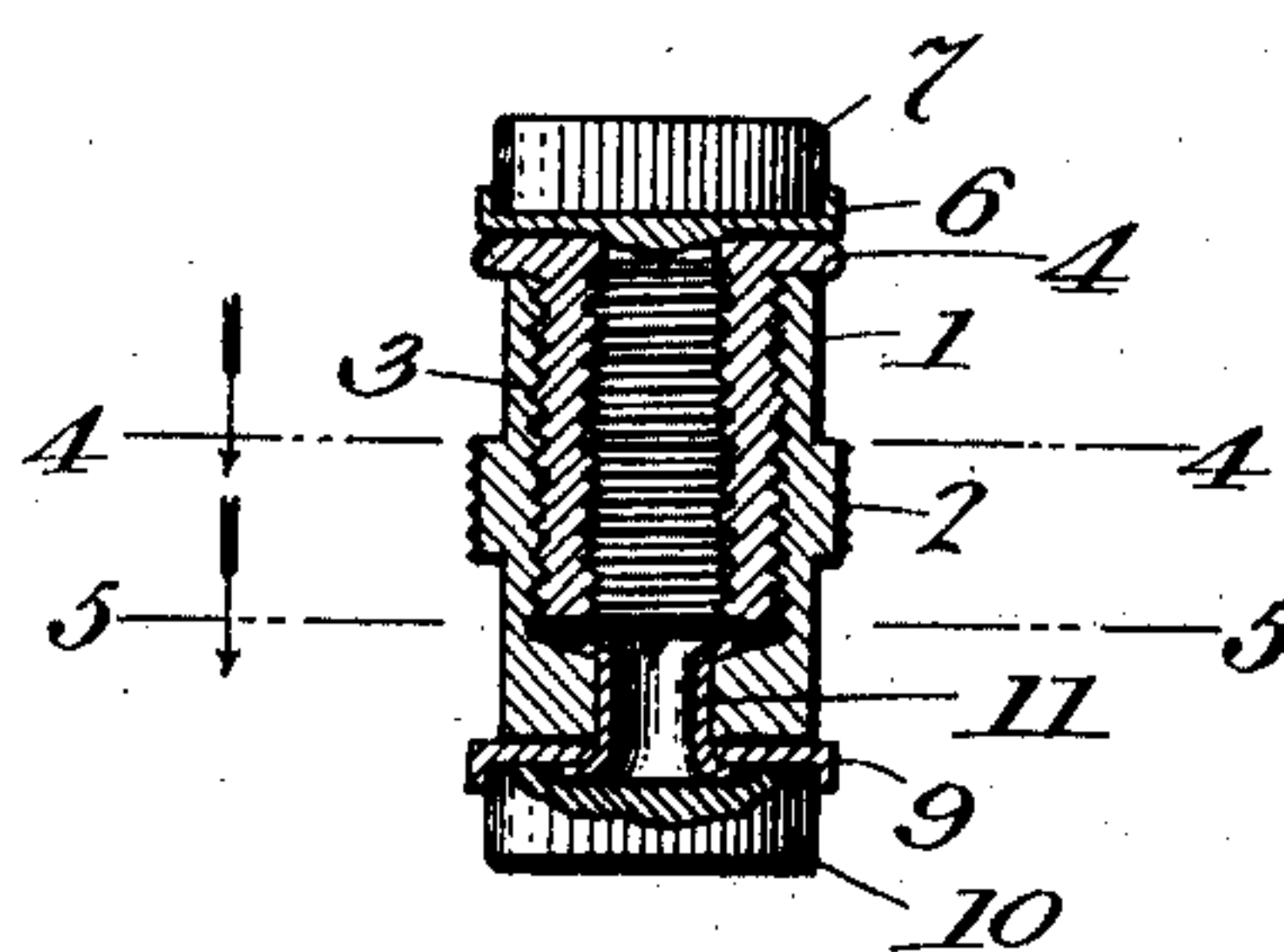


Fig. 3.

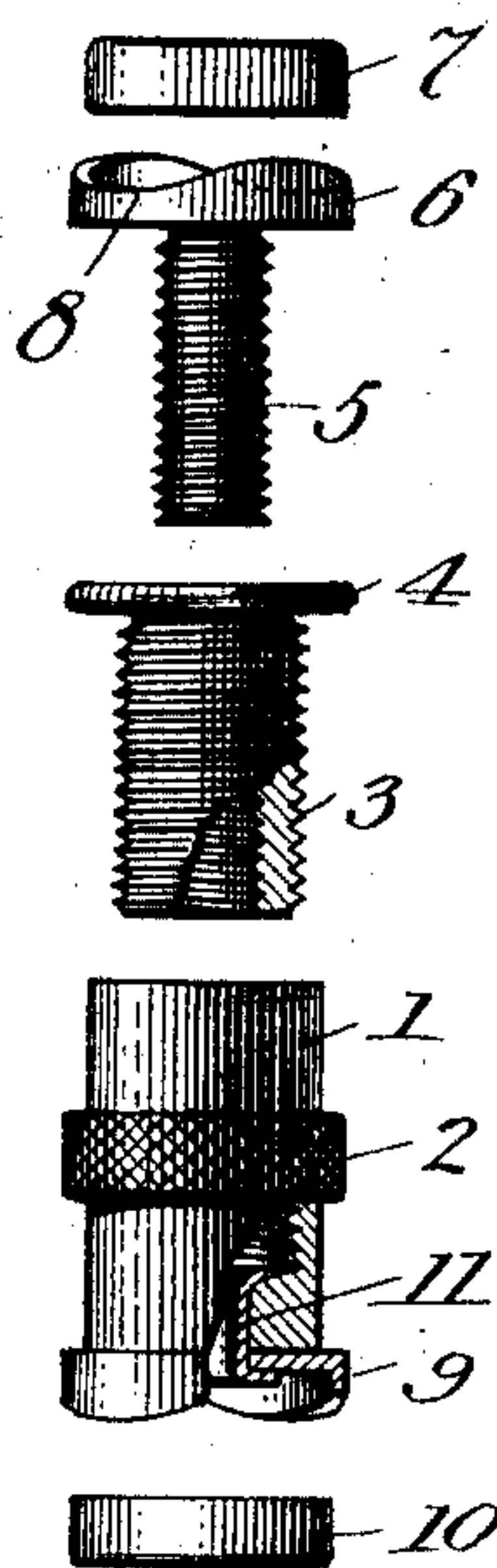


Fig. 4.

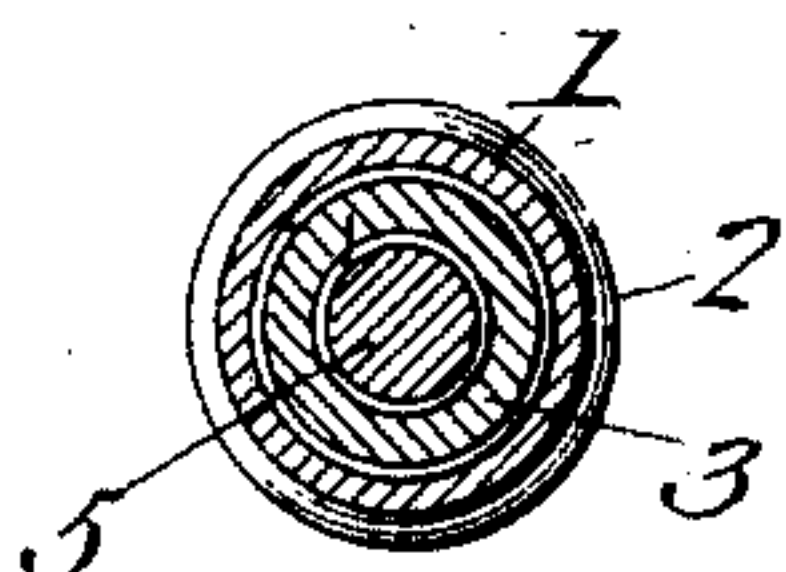
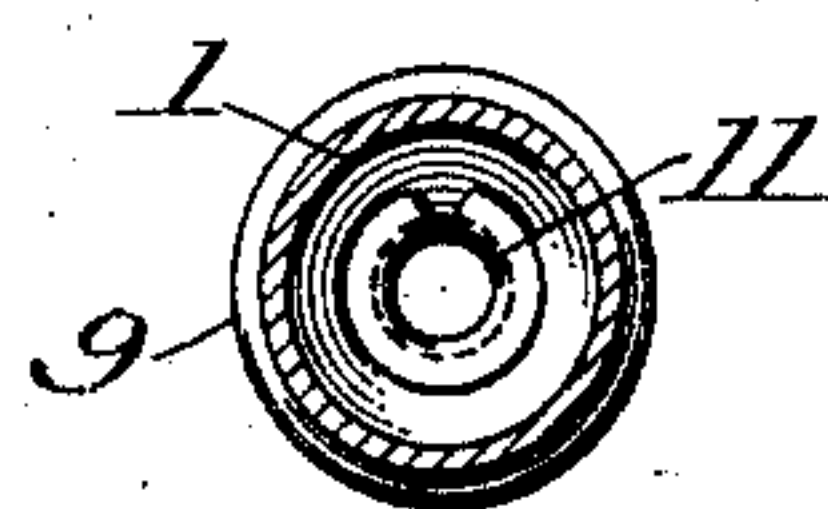


Fig. 5.



Witnesses:

H. H. Byrne

J. Hanson Boyden

Inventor,
Nathaniel L. Polinger.

By

Julius Hochfelder
Attorney.

UNITED STATES PATENT OFFICE.

NATHANIEL L. POLINGER, OF NEW YORK, N. Y.

DENTAL MOUTH-PROP.

No. 883,232.

Specification of Letters Patent.

Patented March 31, 1908.

Application filed November 21, 1907. Serial No. 403,197.

To all whom it may concern:

Be it known that I, NATHANIEL L. POLINGER, a citizen of the United States, residing at New York, in the county of New York and State of New York, have invented new and useful Improvements in Mouth-Props, of which the following is a specification.

My invention relates to mouth props for dental use and more particularly to a device of this character which is adjustable to different lengths as required.

The object of my invention is to produce a device of the class described which shall be capable of rapid and accurate adjustment and which shall be simple and efficient.

With the above objects in view the invention consists of the construction and arrangement of parts hereinafter described and illustrated in the accompanying drawings, in which

Figure 1 is a side elevation of my improved mouth prop, the same being shown contracted. Fig. 2 is a central longitudinal section thereof. Fig. 3 is a side elevation, partly in section showing the device with the parts separated. Fig. 4 is a transverse section on the line 4—4 of Fig. 2, and Fig. 5 is a transverse section on the line 5—5 of Fig. 2.

Referring to the drawings in detail, the device comprises a barrel or body portion 1, and formed thereon, a grip 2, by which it may be held. Adapted to fit within this body portion is a sleeve 3 externally and internally screw threaded, and provided at one end with an annular flange 4. Within this sleeve 3 a screw threaded shank 5 is adapted to fit.

Attached to the shank 5 is a socket 6 in which fits a cushion 7 of rubber, or similar soft material. The side walls of the socket 6 are formed with undulating edges provided with high and low portions, whereby the teeth of the user may be prevented from coming in contact with the metal.

At the opposite end of the barrel is swiveled a similar socket 9, by means of a hollow rivet 11, as clearly shown in Figs. 2 and 3,

and in this socket 9 fits a cushion 10, similar to the cushion 7, above described. It will be seen that, when in use, the sleeve 3 and shank 5 telescope with the barrel 1, and by turning one of the parts the device may be extended or contracted at will. It may be observed that, owing to the employment of three separate sections, the intermediate part or sleeve 3 may be rotated, while the shank 5 and associated parts remain stationary, the shank 5 and barrel 1 being simply forced apart or drawn together by the rotation of the part 3.

Owing to the swivel connection between the barrel 1 and the socket 9, the barrel may also be rotated if desired while the cushion 10 remains stationary.

It will thus be seen that I have provided a device which is extremely easy to manipulate and at the same time consisting of few parts, and it is thought that the numerous advantages thereof will be readily appreciated by those skilled in the art.

What I claim is:—

1. A mouth prop comprising a barrel, an internally and externally threaded sleeve telescoping therein, and a screw threaded shank telescoping within said sleeve.

2. A mouth prop comprising a barrel, a plurality of telescoping sections fitting therein, and a cushion holding socket swiveled to said barrel.

3. A mouth prop comprising a plurality of telescoping sections mounted for relative rotation and screw threaded together, the two end sections having cushion carrying sockets swiveled thereto, said sockets having undulating edges with high and low portions at diametrically opposite points.

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

NATHANIEL L. POLINGER.

Witnesses:

ABRAHAM FLACK,
WILLIAM BARBIERI.