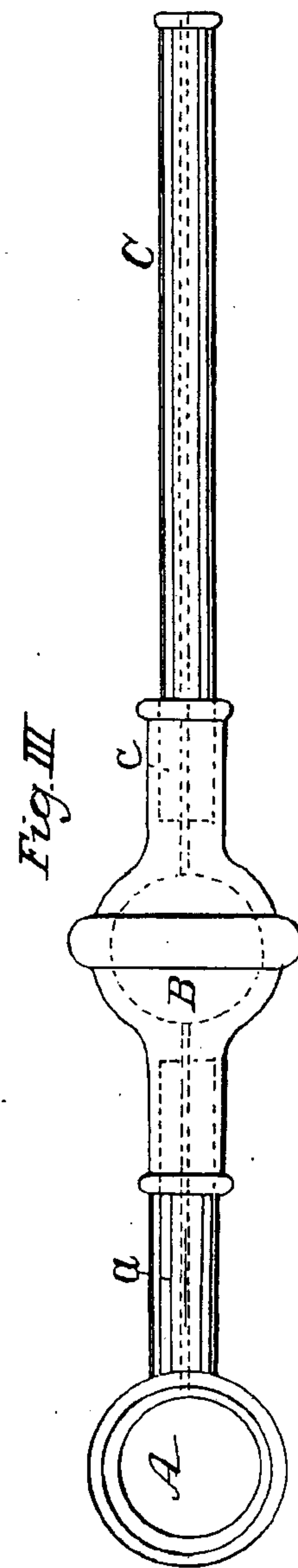
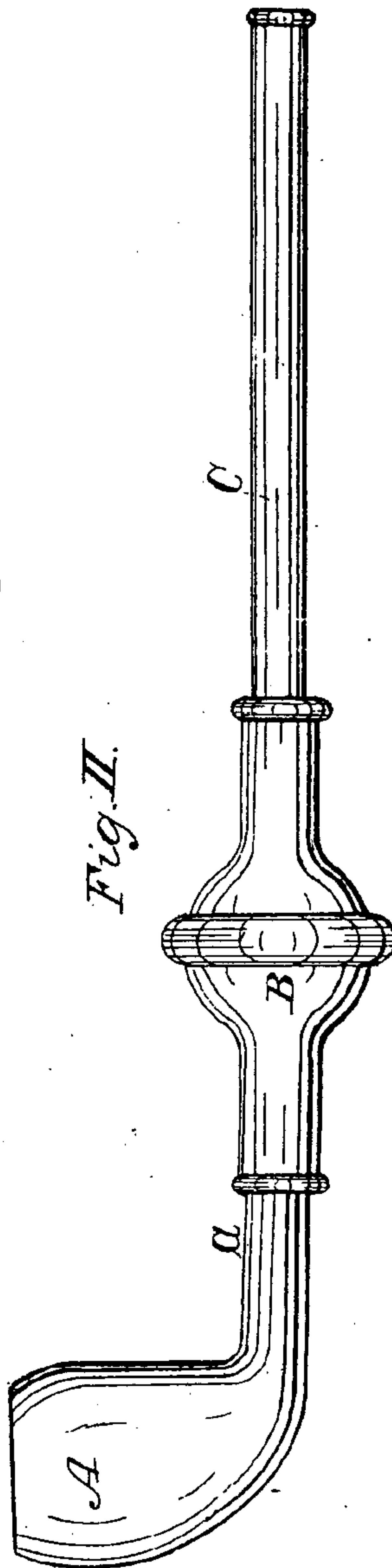
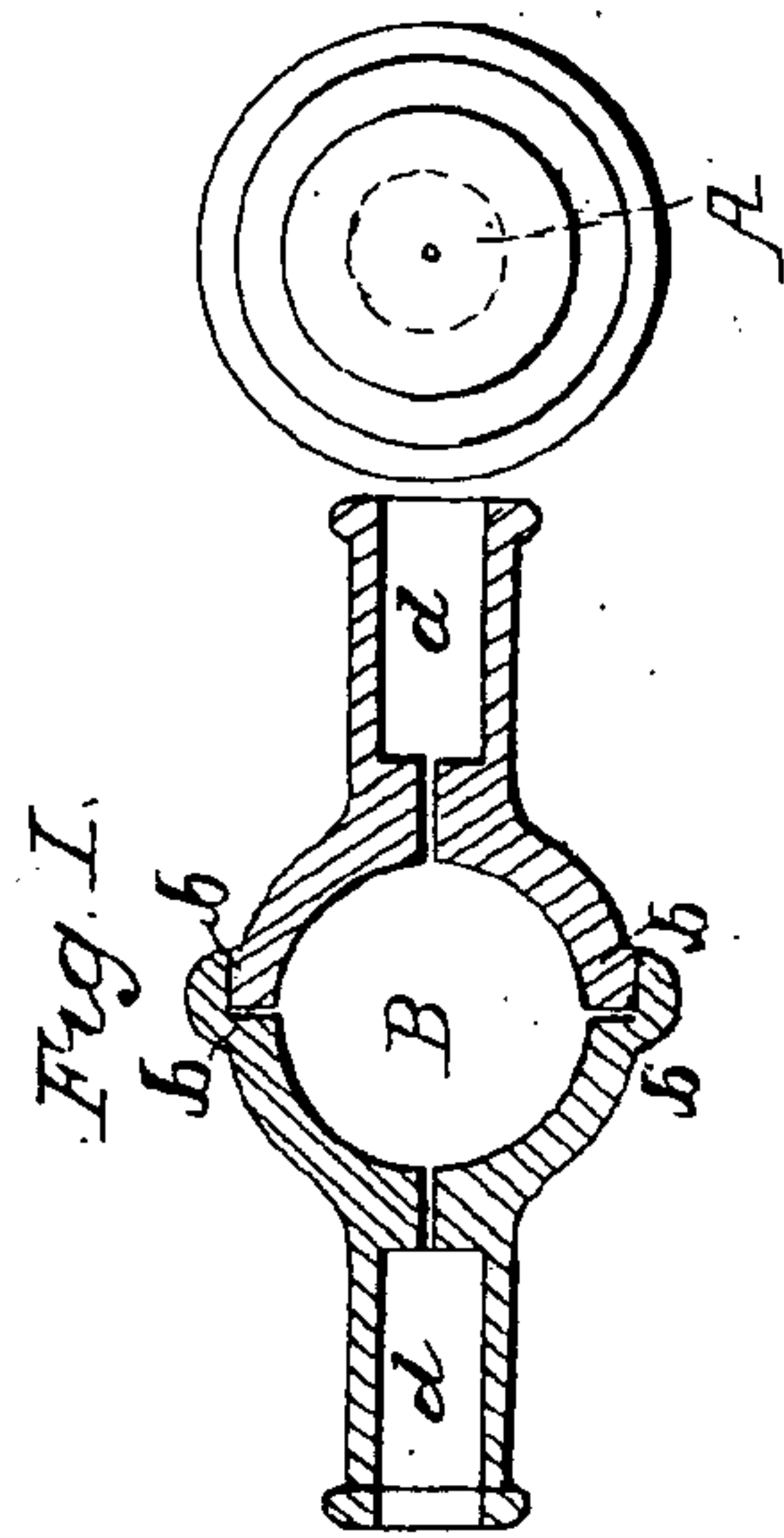


J. W. EVANS.
Pipe and Cigar Holder.

No. 20,199.

Patented May 11, 1858.



UNITED STATES PATENT OFFICE.

JAS. W. EVANS, OF NEW YORK, N. Y.

IMPROVEMENT IN PIPES AND CIGAR-HOLDERS, OR MOUTH-PIECES FOR SMOKING TOBACCO.

Specification forming part of Letters Patent No. 20,199, dated May 11, 1858.

To all whom it may concern:

Be it known that I, JAMES W. EVANS, of the city, county, and State of New York, mechanical draftsman, have invented a new and useful Improvement in Cigar-Holders, Mouth-Pieces, and Pipes for Smoking Tobacco; and I do hereby declare that the following is a full and exact description of my said invention and the construction thereof, reference being had to the drawings accompanying and making part of this my specification.

Figure II represents an extra view of the pipe with my improvement. Fig. III is a view of the pipe with dotted lines to represent the interior construction. Fig. I represents a cigar-holder in section through the horizontal axis.

The nature of my invention and improvement consists in placing a chamber or bulb of suitable size and form in the pipe or cigar-holder at a suitable position between the bowl of the pipe or the cigar end of the cigar-holder and the mouth-piece or end to be inserted in the mouth, and fitting into the bulb or chamber a piece of sponge or cloth or other porous substance that will absorb and hold water, so that the sponge or other substance will pretty accurately fit and fill the chamber or bulb, allowing the smoke to pass through the sponge or other filling of the bulb, and retaining and absorbing the oils arising from the burning tobacco, and at the same time cooling the smoke as it passes through.

In constructing a smoking-pipe with my aforesaid improvements I make it in three parts, the bowl A, the middle part for the bulb or chamber B, and the stem or mouth-piece C. The middle piece is made in two parts, to divide at the center. The two parts of the bulb are made with a joint, so as that one will shut closely over the other, and can easily be separated or put together, as shown at *b b*, Fig. I. The bowl has a short stem, *a*, which is fitted into the middle piece by a sliding joint, as shown by the dotted lines, Fig. III. The stem C, that constitutes the mouth-piece, is also made to fit into the opposite end of the middle piece by a sliding joint, as shown by the dotted lines *c*, Fig. III. The middle piece is made with the joint in the bulb or chamber, for the purpose of placing in it the sponge or other similar substance and taking it out, cleansing it by fresh cool water, and replacing or renewing it when required. The sponge or other substance should be fitted to the bulb or chamber, so as to fill

it and not be too tightly compressed, so as to prevent the smoke freely passing, nor so loose as to permit the oil from the burning tobacco to pass on to the mouth. The precise shape of the bulb or chamber is not material; but I think the better shape is globular.

The material of which the pipe is constructed may be of the usual kind; but I think it is better that the bowl part of the pipe should be of clay, and the middle piece and bulb of wood, and the stem or mouth-piece of wood, clay, or meerschaum, as taste or fancy may dictate; but it will be best to use for the middle piece and mouth-piece or stem substances little adapted to conduct heat.

Cigar-holders for smoking cigars are constructed with the jointed bulb or chamber, as above described, and the chamber filled with the same material, as above described. At one end there is a tubular opening, *d*, Fig. I, to receive and hold the end of the cigar. At the opposite end is a tubular opening, *d*, Fig. I, to receive the stem or mouth-piece, which may be of wood, meerschaum, amber, or clay, and longer or shorter, as taste and fancy may dictate.

The sponge or other material in the bulb or chamber should be saturated with fresh cool water; but care must be taken that it is not too full. A little practice will enable every one to judge of the amount of saturation required. In smoking tobacco with this improvement the smoke is cooled and purified, and the oil of the tobacco prevented from entering the mouth. The sponge or other material used in the bulb can be easily taken out to be cleansed, or for the purpose of replacing it with a fresh one or saturating it with fresh water. I have found that this contrivance adds to the luxury and comfort as well as to economy in smoking tobacco, either in smoking-pipes or in cigars.

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

The combination of the bulb or chamber and the sponge or any other suitable material saturated with water, in the construction of smoking-pipes or cigar-holders, constructed and arranged substantially as above described.

JAMES W. EVANS.

Witnesses:

GEORGE W. FOX,
J. B. STAPLES.