

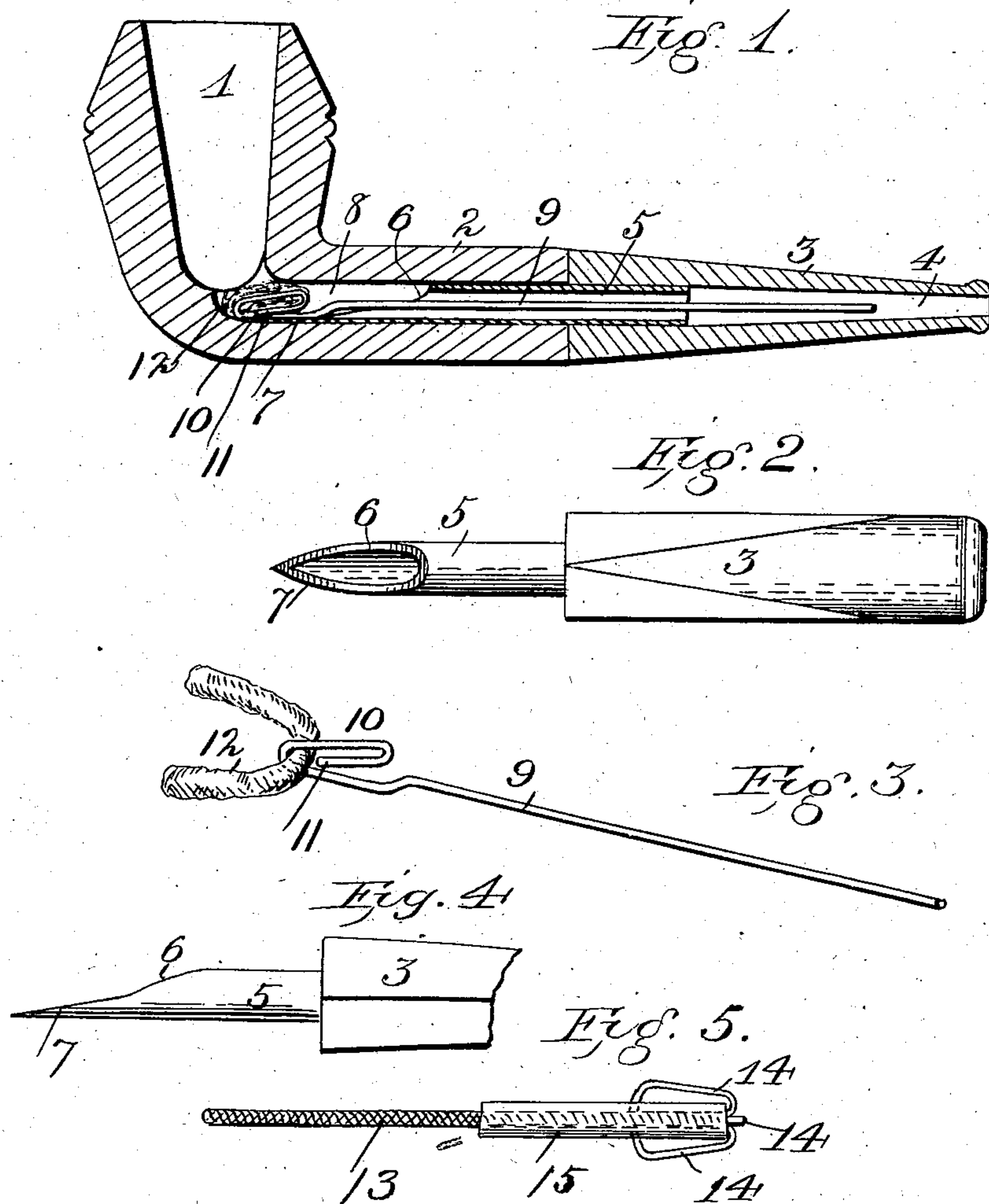
No. 726,162.

PATENTED APR. 21, 1903.

W. G. HASTINGS.
TOBACCO PIPE.

APPLICATION FILED JULY 31, 1902.

NO MODEL.



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UNITED STATES PATENT OFFICE.

W. G. HASTINGS, OF SANDUSKY, OHIO.

TOBACCO-PIPE.

SPECIFICATION forming part of Letters Patent No. 726,162, dated April 21, 1903.

Application filed July 31, 1902. Serial No. 117,830. (No model.)

To all whom it may concern:

Be it known that I, W. G. HASTINGS, a citizen of the United States, residing at Sandusky, in the county of Erie and State of Ohio, have
5 invented new and useful Improvements in Tobacco-Pipes, of which the following is a specification.

My invention relates to improvements in tobacco-pipes; and the object of the same is to
10 construct a thoroughly sanitary pipe which will be provided with effective means for keeping it clean.

The invention consists of the simple construction and combination of parts hereinafter described in this specification, and more
15 specifically pointed out in the claims, and illustrated in the accompanying drawings, forming a part of the specification, in which—

Figure 1 is a longitudinal section of my pipe.
20 Fig. 2 is a detail of the inner tube. Fig. 3 is a detail of the cleaner. Fig. 4 is a detail side elevation of the inner tube. Fig. 5 is a modified form of cleaner.

Like numerals of reference designate like
25 parts in the different views of the drawings.

The body of my pipe comprises a bowl 1 and a stem 2, formed integral with the bowl and bearing a mouthpiece 3. The mouthpiece 3
30 is traversed by an aperture 4 and carries a tube 5, seated in the end thereof in alignment with the aperture or bore 4. The tube 5 is constructed of metal and is cut away on the end at an angle to form an elliptical opening
35 an enlarged bore 8 to accommodate the tube 5, which fits into the bore 8 with the opening 6 facing upward and the bore 4 communicating with the bowl 1.

A cleaning-wire 9 is mounted within the
40 tube 5 and extends into the mouthpiece 3. The wire 9 has a coil 10 formed on its inner end, and the end is bent to fit within the coil 10 and form a tongue 11, which, in combination with the coil 10, serves to retain a piece
45 12 of absorbent material, such as cotton tape. The coil 10 is made so large that it cannot be drawn into the tube 5, but fits in the opening 6 within the bowl. The absorbent piece 12 is engaged on the tongue 11 and extends back
50 and is coiled around the cleaning-wire 9.

In assembling my device a clean piece 12 of absorbent is engaged on the tongue 11 and coiled around the cleaning-wire 9, which is
55 then inserted coil end first into the stem 2 and bowl 1, after which the tube 5 is engaged on

the wire 9 and forced into the stem 2 and placed with the opening 6 facing the bowl 1. When the bowl 1 is filled, the tobacco will come in contact with the coil 10 and absorbent 12, which will serve to prevent packing. 60 The absorbent 12 will also retain all juice resulting from the combustion of the tobacco, and when saturated may be replaced by a clean piece. By withdrawing the tube 5 and operating the wire 9 by hand the stem may
65 be wiped clean. In case of an accumulation of sediment in the bottom of the bowl 1 this may be removed by simply rotating the tube 5, when the edges of the blade 7 will cut the sediment loose and enable it to be removed. 70

A modified form of cleaner is shown in Fig. 5 and comprises a stem 13, formed by twisting three pieces of wire together and turning their extremes 14 back to form catches, which
75 engage and hold a cylinder 15, of absorbent material, such as paper. The catches 14 also serve as stops to prevent the withdrawal of the cleaner from the tube 5, within which it fits in the same manner as the preferred form of cleaner. The cylinder 15 fits the stem 13
80 loosely enough to permit the smoke to pass through the bore of the cylinder.

I do not wish to be limited as to details of construction, as these may be modified in many particulars without departing from the
85 spirit of my invention.

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

1. In a pipe, the combination with a bowl 90 bearing a hollow stem, of a mouthpiece, a cylindrical tube connected to said mouthpiece and extending into said stem throughout the length of the same, said tube having its inner end cut away on a diagonal line to form a
95 pointed blade adapted for use in cleaning the stem, substantially as described.

2. In a pipe, the combination, with a bowl bearing a hollow stem, a cleaning-wire mounted in said stem and bearing a piece of absorbent 100 on its inner end, located just beneath the bowl to absorb the juice of the tobacco, substantially as described.

In testimony whereof I have, hereunto set my hand in presence of two subscribing witnesses. 105

W. G. HASTINGS.

Witnesses:

GEO. H. SELT,

P. F. VANDERSILK.