

(No Model.)

J. A. BARRY.

ATTACHMENT FOR TOBACCO SMOKING DEVICES.

No. 281,430.

Patented July 17, 1883.

Fig. 1.

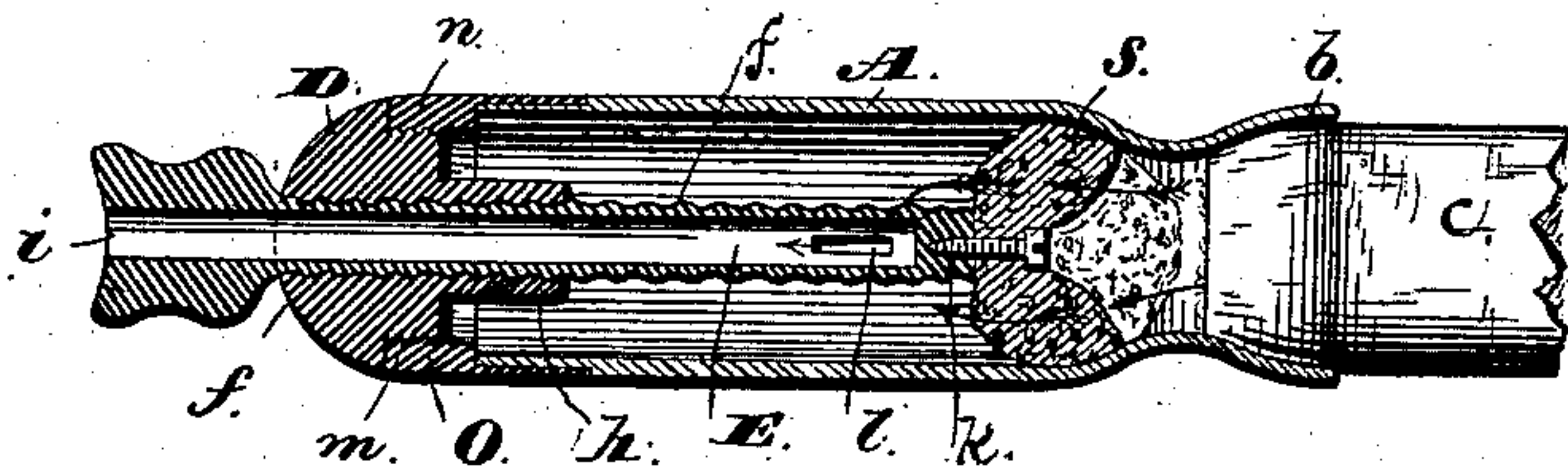


Fig. 2.

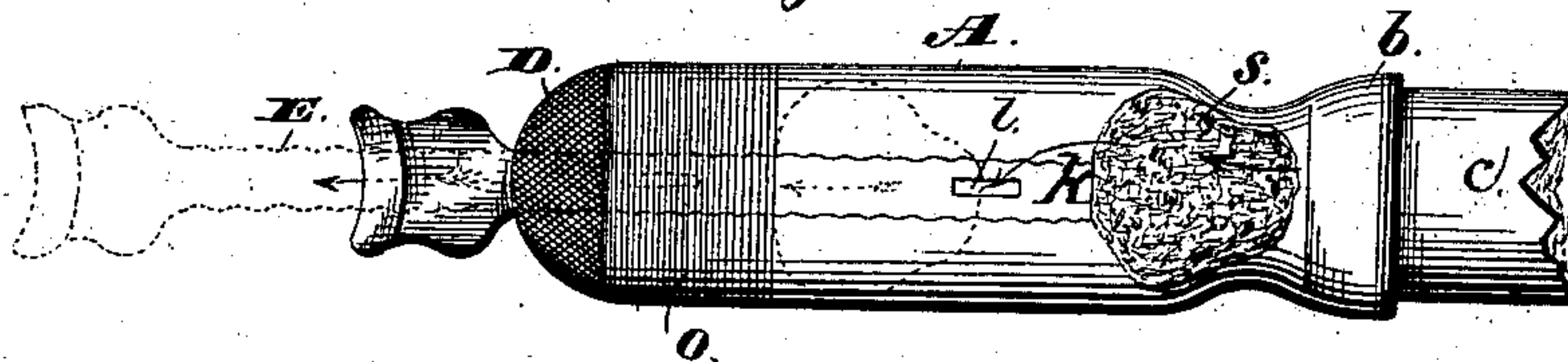
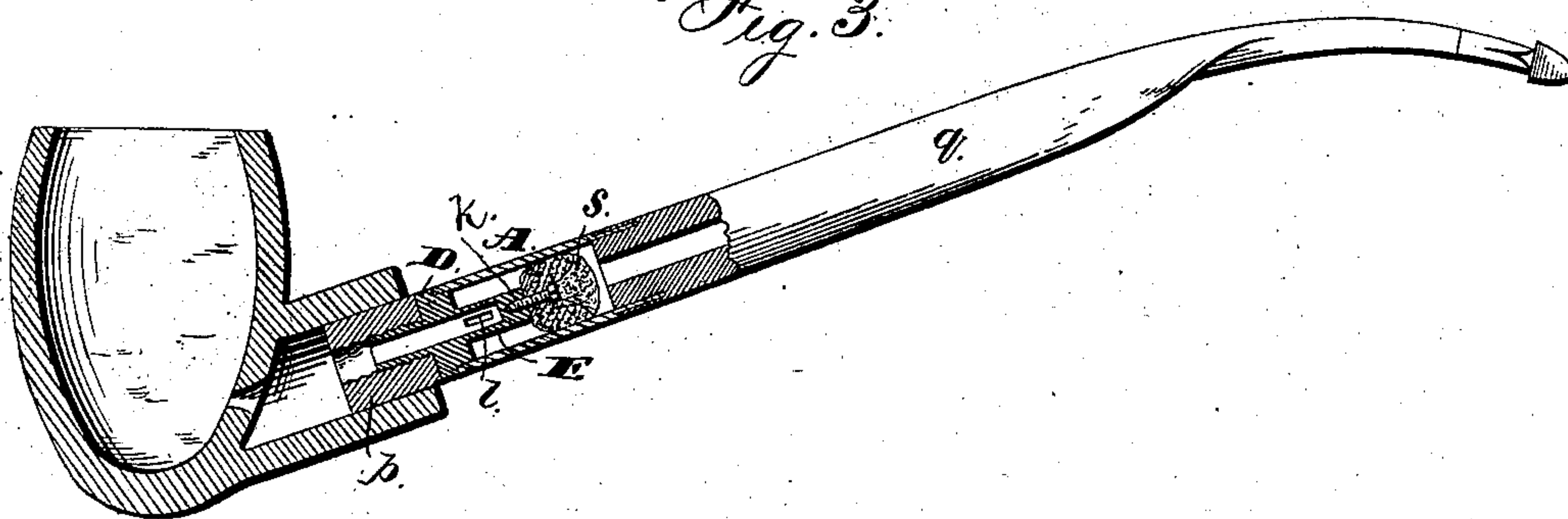


Fig. 3.



WITNESSES

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ATTACHMENT FOR TOBACCO-SMOKING DEVICES.

SPECIFICATION forming part of Letters Patent No. 281,430, dated July 17, 1883.

Application filed April 6, 1883. (No model.)

To all whom it may concern:

Be it known that I, JAMES ARCHER BARRY, of Baltimore, in the county of Baltimore and State of Maryland, have invented certain new and useful Improvements in Attachments for Tobacco-Smoking Devices; and I do hereby declare that the following is a full, clear, and exact description of the invention, which will enable others skilled in the art to which it ap-
10 pertains to make and use the same, reference being had to the accompanying drawings, and to letters of reference marked thereon, which form a part of this specification.

My improvements relate to a special construction of devices for holding a cigarette, and which are also capable of being applied to ordinary tobacco-pipes; and they have for their object not only the arrest and absorption of the nicotine, but also to afford a compact pocket device which, when not in use, may be re-
20 duced to a small compass and carried in one's vest-pocket and readily applied for use, and which may also be easily taken apart and cleansed. My improvements also have other advantages, such as the preventing of staining the fingers, and avoiding the saturating and waste of the end of the cigar or cigarette.

In the drawings, Figure 1 is a longitudinal section, and Fig. 2 a plan view, illustrating my invention as applied to a cigar or cigarette, these figures being enlarged the better to show the construction. Fig. 3 shows the invention applied to a pipe.

A is a tube, preferably of glass, though it
35 may be made of metal, hard rubber, or other appropriate material; and its end *b* should be of a size adapted to receive and hold the unlighted end of a cigar or cigarette, *c*, as the case may be; and its other end is provided with
40 a cap, D, which will be more fully hereinafter described.

E is a smaller tube, preferably made of hard rubber, and adapted to be inserted through the cap D and to extend some distance into the
45 tube A, and to be adjusted to the desired position by means of the exterior screw-thread, *f*, thereon and the interior screw-thread, *g*, in the short tube *h*, which is firmly connected with the cap D and projects inwardly therefrom, as shown. The outermost end, *i*, of the small tube
50 E is open, so that it may be used as the mouth-

piece in smoking either a cigar or cigarette; but its innermost end, *k*, is closed; but at a short distance from this closed end slits, holes, or and suitable small openings, one or more, as
55 seen at *l*, are made, and a piece of sponge, *s*, or other suitable porous or absorbent material adapted to hold moisture, is secured upon and around this closed end, but not so as to cover these inlet-holes *l*, which should always be free
60 to admit the purified smoke, which, coming from the cigar or cigarette inserted in the end *b* of the tube, shall, in being drawn or sucked through the sponge, be purged or cleansed to a great degree of its nicotine, this latter being
65 retained by the sponge, which may at any time be taken out and washed or replaced, as found necessary. The cap D has a rim or perimeter threaded externally, as shown at *m*, and where-
70 by it may be screwed to the interior thread, *n*, on the band O, which is cemented or otherwise secured to the end of the tube A, such band of course projecting beyond the tube, or otherwise so applied as to permit the cap to be
75 screwed firmly to place.

It will now be seen that the tube E may be caused to project as far as desired beyond the tube A by simply turning it around in its short tube or socket *h*, and that such adjustment does not disturb the relation and relative positions
80 of the sponge and the orifices *l* as the sponge moves with the movements of the tube E; that the central fixed socket, *h*, serves to keep the tube E not only central and firm, but also pre-
85 vents its getting out of line or becoming loose, and that when the device is not in use the smaller tube may be screwed almost entirely into the tube A, thus not only reducing the compass practically to that of this outer tube, but also preventing liability of damage from
90 strain or accident when carrying the device in the pocket.

My invention may be easily adapted for a smoking-pipe, as shown in Fig. 3, by inserting the open end of the small tube in the usual
95 cork, *p*, in the stem-holder of the pipe. The pipe stem or tube *q* is then inserted in the end of the large tube A. This, it will be seen, is a mere reversed position of the device relatively to the tobacco, and the course of the smoke is
100 from the smaller tube to the larger one, and thence through the sponge, being just the con-

verse of that which it takes when smoking a cigar or cigarette, as above described. In this case I find it better and simpler to make the cap or plug which closes the larger tube integral with the smaller tube, because, as this smaller tube is not now used as a mouth-piece, it need not project so far, and therefore need not be arranged to be screwed into the larger tube to stow it away when not in use.

10 I claim—

1. The combination of the outer tube, A, closed at one end, and the inner tube, E, partly inserted therein, closed at its inner end and having perforations in its side, and provided

with a sponge or absorbent secured to its closed end, substantially as and for the purposes set forth. 15

2. In combination, the tube A, the threaded tube E, having side perforations, a closed inner end, and an attached sponge or absorbent, and the cap D, provided with a central threaded socket, substantially as shown and for the purposes set forth. 20

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Witnesses:

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