

(No Model.)

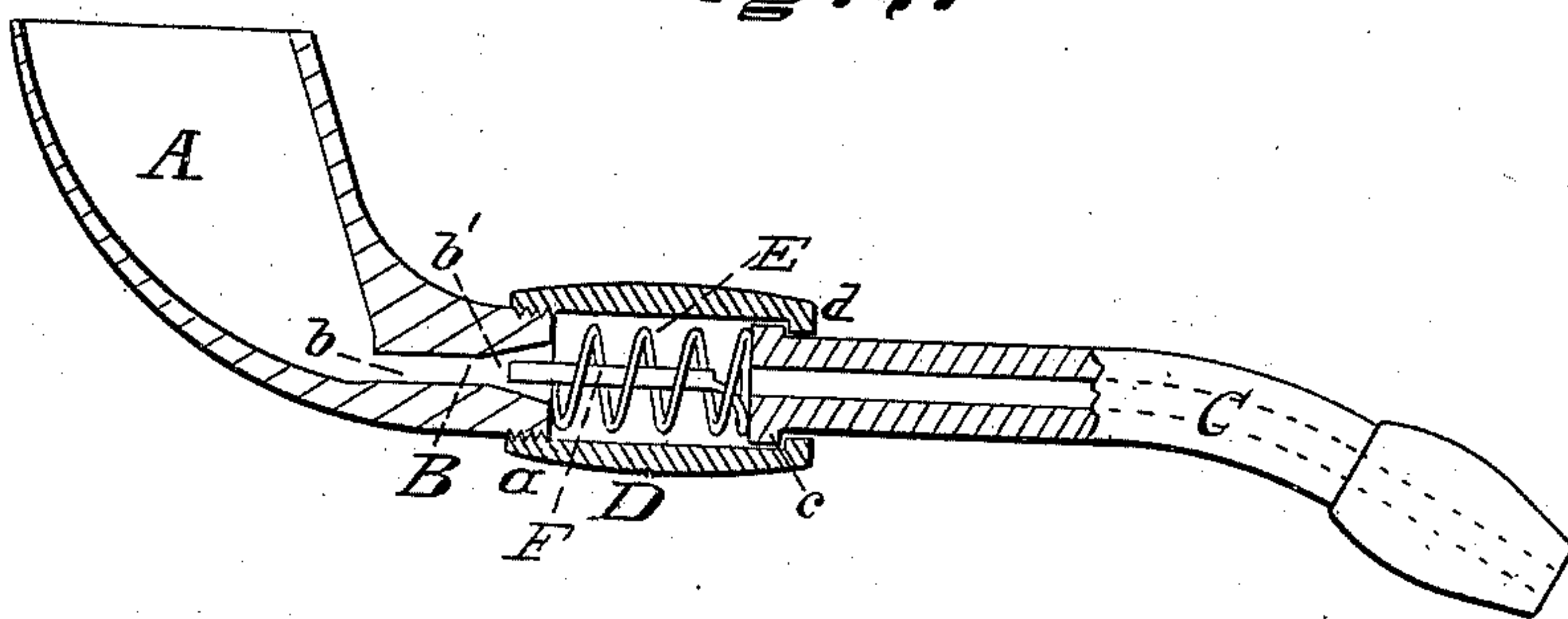
T. MURPHY.

TOBACCO PIPE.

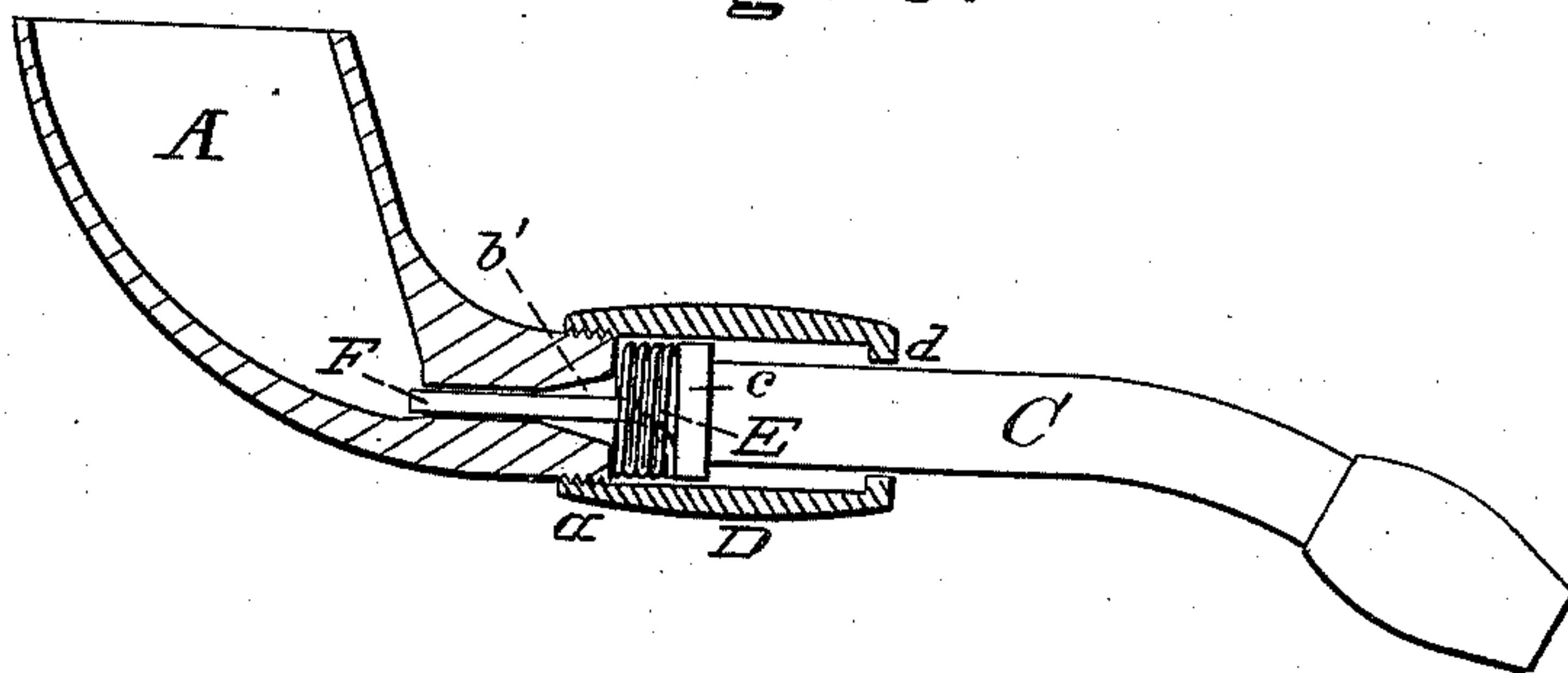
No. 313,833.

Patented Mar. 10, 1885.

Fig. 4.



FzG. 2.



Attest:
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UNITED STATES PATENT OFFICE.

THOMAS MURPHY, OF CINCINNATI, OHIO.

TOBACCO-PIPE.

SPECIFICATION forming part of Letters Patent No. 313,833, dated March 10, 1885.

Application filed August 11, 1884. (No model.)

To all whom it may concern:

Be it known that I, THOMAS MURPHY, of Cincinnati, Hamilton county, Ohio, have invented a new and useful Improvement in Tobacco-Pipes, of which the following is a specification.

My invention relates to a provision in a tobacco-pipe to enable removal from the bowl-throat of accumulations that contaminate the pipe and interfere with its proper draft.

In the accompanying drawings, Figure 1 is an axial section of a smoking-pipe embodying my invention, the same being shown in the normal or non-effective condition of the throat-clearer. Fig. 2 is a similar section which shows the throat-clearer thrust into the bowl-throat.

The throat B of the bowl A has a cylindrical front and a flaring or funnel-formed rear portion, as shown at *b* and *b'*, respectively. The stem C, instead of being fastened, in the usual manner, direct to the bowl, is confined, by means of its head *c*, within a coupling-sleeve, D, which is screwed or otherwise firmly fastened to the butt-end of the bowl, as at *a*. The stem C is slidable within the said sleeve, and the latter is provided with inturned margin *d*, which coacts with said head *c* to prevent entire withdrawal of the stem from the sleeve. A helical spring, E, placed in the sleeve D, operates to hold the stem normally to the retracted position shown in Fig.

1, in which the pipe will be seen to be in condition for the smoker's use. Permanently attached to and occupying an axial position within the said spring, is a prod, swab, or needle, F, whose form and dimensions are such as, when advanced, as shown in Fig. 2, to fill the cylindrical portion *b* of the throat B, so as to effectually expel any tarry or other accumulations, and so as, when suffered to reach the retracted or normal position shown in Fig. 1, to leave ample draft-room between it and the sides of the funnel *b'*.

I am aware that United States Patent No. 60,282 shows a smoking-pipe with a stationary stem, said pipe being provided with a swab or cleaner and a retracting-spring. I therefore disclaim novelty in such, separately considered.

I claim as new and of my invention—

In a tobacco pipe, the combination, with bowl A, having the funnel-formed throat B and attached sleeve D, of the sliding stem or mouth-piece C, the prod or needle F, and the retracting-spring E, substantially as and for the purpose set forth.

In testimony of which invention I hereunto set my hand.

THOMAS MURPHY.

Attest:

GEO. H. KNIGHT,
CHAS. E. PRIOR.