

No. 773,925.

PATENTED NOV. 1, 1904.

A. W. CLARKE.
PIPE FOR SMOKING TOBACCO.
APPLICATION FILED NOV. 7, 1903.

NO MODEL.

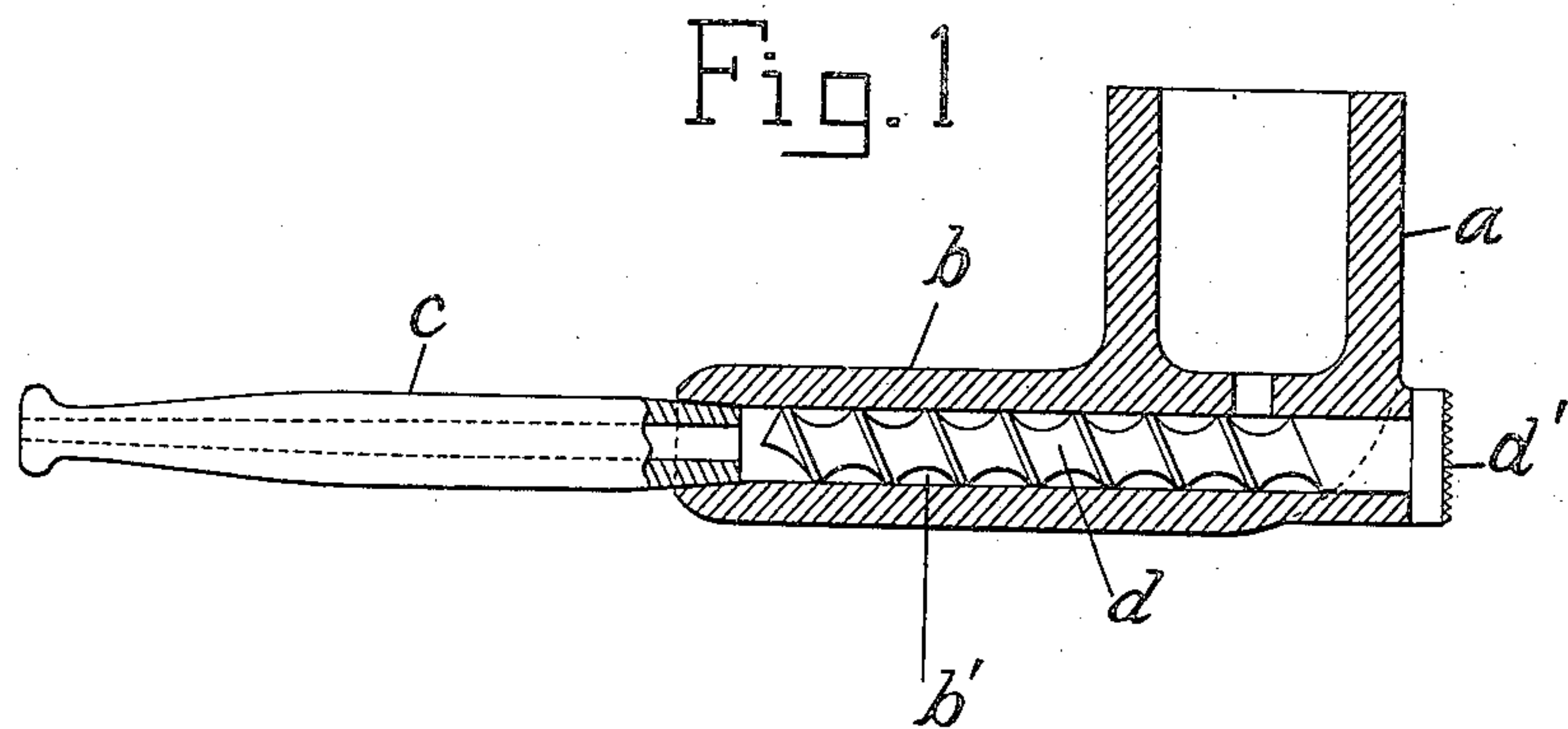


Fig. 2

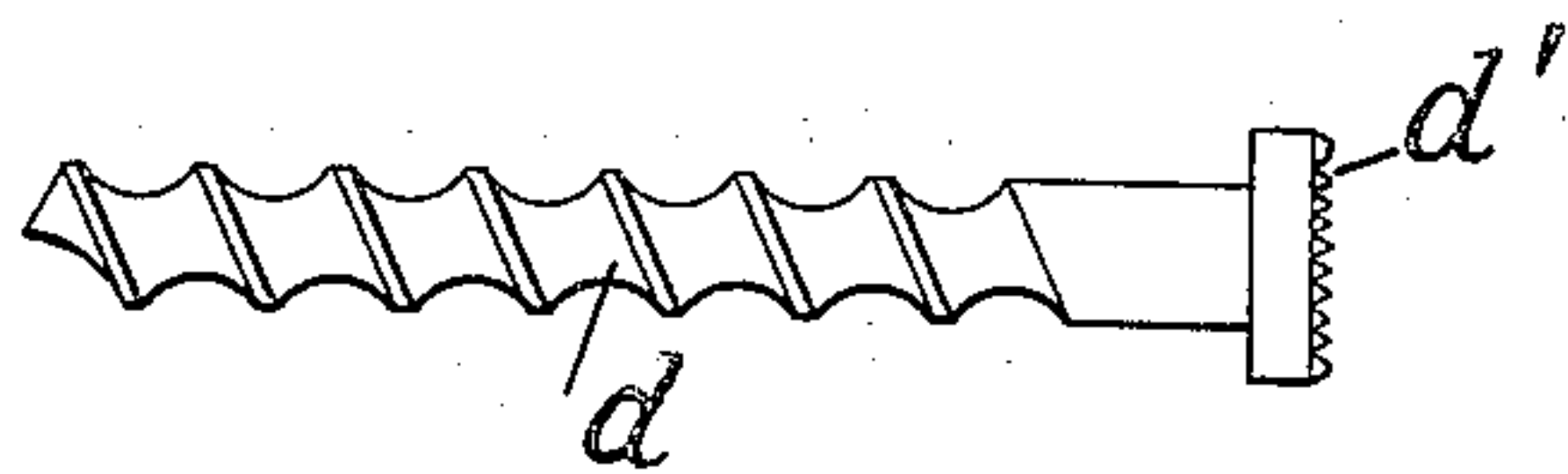


Fig. 3



WITNESSES:

C. A. Mezza
Robert V. Holly

Alfred W. Clarke INVENTOR.

UNITED STATES PATENT OFFICE.

ALFRED W. CLARKE, OF NEW YORK, N. Y.

PIPE FOR SMOKING TOBACCO.

SPECIFICATION forming part of Letters Patent No. 773,925, dated November 1, 1904.

Application filed November 7, 1903. Serial No. 180,183. (No model.)

To all whom it may concern:

Be it known that I, ALFRED W. CLARKE, a citizen of the United States, residing at No. 673 Sterling Place, in the borough of Brooklyn, county of Kings, city and State of New York, have invented a new and Improved Pipe for Smoking Tobacco, of which the following is a full, clear, and exact description.

My object in this invention is to provide a pipe which may be readily and thoroughly cleaned by a convenient operation, one which while of short length will nevertheless provide a long and consequently a cool draft for the smoke and which will furnish a convenient means of igniting a match by which to light the pipe. I obtain this end by forming the stem of the pipe with a clear straight passage opening at each end of the stem and communicating with the bowl intermediate the ends of said passage. In this passage I arrange a spiral of essentially uniform exterior dimension. This spiral contacts at its peripheral edges with the interior walls of the passage in the stem. Said spiral causes the draft through the stem to have a spiral, and therefore circuitous, course through the stem. This lengthens the draft through the stem and provides for the smoker a longer draft than ordinarily, and in consequence the smoke comes cool to the mouth. The said spiral is removable longitudinally through the front of the pipe, and in so removing the spiral it cleans out from the passage in the stem all unhealthful accumulations which may form therein. By wiping the spiral on a piece of paper or other convenient material the spiral itself may be cleaned and returned to its position in the pipe, whereupon the pipe may be used with the advantages of cleanliness and coolness pointed out above.

In order to enable the pipe to be conveniently and surely lighted under any conditions of weather, I form, preferably on the front end of the spiral, an enlarged roughened portion or head, which lies in front of the stem and which serves the double function of a handle or handpiece for the manipulation of the spiral and as a striker for the match used to light the pipe. This arrangement is particu-

larly advantageous in lighting the pipe out of doors, since the striker is in immediate proximity with the bowl of the pipe, and hence the lighted match may be quickly applied to the tobacco in the bowl of the pipe without danger of the match becoming extinguished by the wind.

The drawings forming a part of this specification illustrate an example of my invention.

In said drawings, Figure 1 is a longitudinal section of a pipe equipped with my improvements. Fig. 2 is a side view of the spiral. Fig. 3 is an end view having the striker.

The letter *a* indicates the bowl of the pipe; *b*, the stem of the pipe; *c*, the mouthpiece. In the said stem *b* is formed a passage *b'*, which communicates with the bowl and mouthpiece and also extends out to the front end of the pipe. Letter *d* indicates the spiral, which may be formed of any suitable material, but preferably of aluminium. The outer edges or periphery of the spiral contact with the inner wall of the passage *b'*, and the said spiral causes the draft from the bowl to be extended sufficiently to lengthen the draft, so as to produce a cool smoke. The spiral is removable through the front end of the pipe, and in so doing it clears from the passage *b'* all accumulation of nicotin or saliva which may form therein. On the front end of the spiral *d* I form a head or enlargement *d'*, which lies outside of the pipe, as illustrated in Fig. 1. The front surface of said head is roughened or milled, as indicated best in Fig. 3. This furnishes a match-striking surface in close proximity to the bowl of the pipe, so that the smoker may light a match and immediately apply the same to the tobacco in the bowl. Accordingly the pipe may be readily lighted out of doors in any ordinary weather.

The manner of using my invention will be fully understood by persons accustomed to devices of this sort.

Various changes may be made in the invention without departing from the spirit and scope thereof. Hence I consider myself entitled to all such variations of this invention as may lie within the spirit of my claim.

Having thus described my invention, I claim

as new, and desire to secure by Letters Patent,
the following:

5 A pipe comprising a bowl and stem, the latter having a passage therein, opening at the front of the pipe and a spiral removably fitted within said passage and having its outer periphery in contact with the inner walls of said passage, the said spiral having at its front end, a head or enlargement lying outside of the

pipe and serrated to enable a match to be struck thereon.

In testimony whereof I have signed my name to this specification in the presence of two subscribing witnesses.

ALFRED W. CLARKE.

In presence of—

CHARLES CROOK, Jr.,

CHARLES A. MEZGER.