

C. M. MITCHELL.
Pipe Mouth-Piece.

No. 228,099.

Patented May 25, 1880.

Fig. 1



Fig. 2

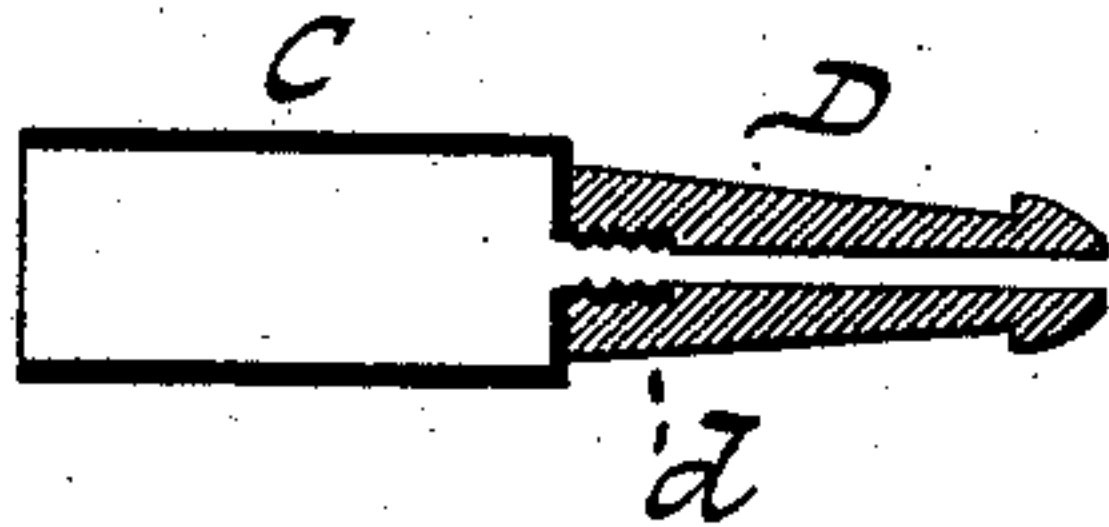
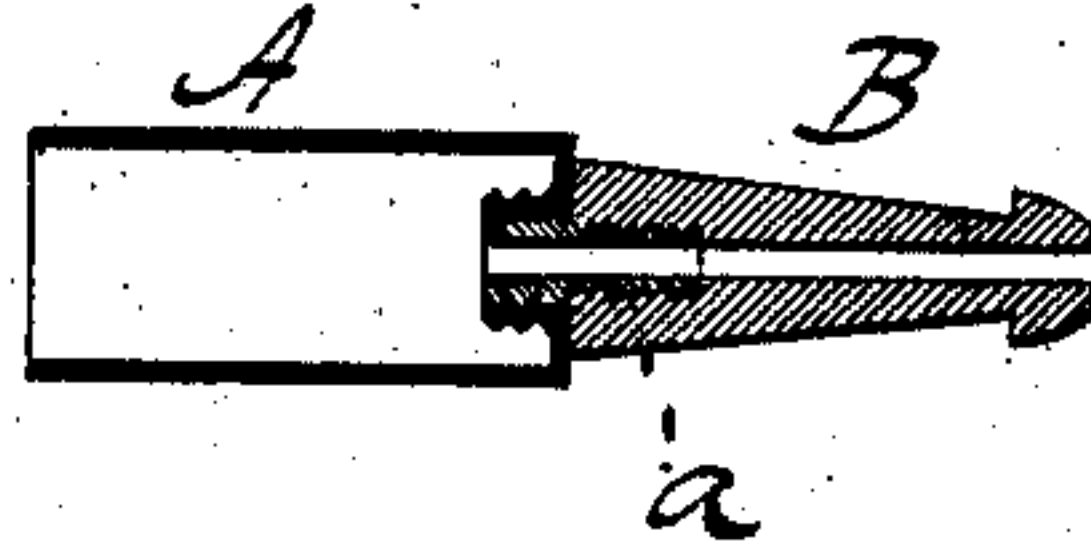


Fig. 3



Witnesses.

J. H. Chumney
Geo. J. Caldwell

Chas. M. Mitchell
Inventor.

By atty.

Chas. C. Carl.

UNITED STATES PATENT OFFICE.

CHARLES M. MITCHELL, OF WATERBURY, CONNECTICUT, ASSIGNOR TO
REJALL & BECKER, OF NEW YORK CITY.

PIPE MOUTH-PIECE.

SPECIFICATION forming part of Letters Patent No. 228,099, dated May 25, 1880.

Application filed August 1, 1879.

To all whom it may concern :

Be it known that I, CHARLES M. MITCHELL, of Waterbury, in the county of New Haven and State of Connecticut, have invented a new
5 Improvement in Pipe Mouth-Pieces; and I do hereby declare the following, when taken in connection with the accompanying drawings and the letters of reference marked thereon, to be a full, clear, and exact description of the
10 same, and which said drawings constitute part of this specification, and represent, in—

Figure 1, a side view; Fig. 2, a longitudinal section, and in Fig. 3 a longitudinal section of the usual construction.

15 This invention relates to an improvement in the mouth-piece, such as are made with a metal socket, to receive the pipe-stem and amber or similar tip.

In the usual construction, as seen in Fig. 3,
20 the metal socket A has been tapped at the end, and the corresponding end of the tip B also tapped, and then a coupling-piece, *a*, of horn or similar material, correspondingly threaded, screwed into one part, and so as to protrude
25 therefrom, and then the second part screwed onto the protruding end. Furthermore, a metallic casing has been provided with a filling-piece of wood prolonged into a screw-threaded nipple, upon which the amber mouth-piece is
30 screwed, as in English Patent No. 2,427 of 1876.

The object of my invention is to provide an efficient but inexpensive mouth-piece connection for pipes, whereby I avoid the necessity of employing the above-mentioned coupling-
35 piece, and this I accomplish in the following manner:

The general outline or shape of the socket C may be of any of the usual forms. It is drawn up from sheet metal, so as to receive the stem of the pipe in the usual manner. 40 The mouth end of the socket is constructed with a metal shank or longitudinally-projecting stud, *d*, with an opening through it for the smoke to pass, and screw-threaded upon its outside, as seen in Fig. 2. The tip D is of
45 usual tubular form, tapped corresponding to the stud *d*, and so as to be screwed thereon, and thereby attached to the socket, thus dispensing with the third part or coupling required in the usual construction, and proportionately cheapening the cost of the article. 50

The stud is best made by making the socket of cup shape, then drawing up the stud from the center of the head.

Another great advantage of this improve- 55 ment is, that in removing the tip from the socket to clean it the liability of losing the coupling-piece is avoided.

I claim—

As a new manufacture, a socket for connect- 60 ing the mouth-piece to the stem of a smoking-pipe, formed from a single piece of sheet metal, with a contracted externally screw-threaded extension or prolongation, substantially as described.

CHAS. M. MITCHELL.

Witnesses:

JOHN E. EARLE,
JOS. C. EARLE.