

C. M. MITCHELL.  
Pipe-Cover.

No. 205,888.

Patented July 9, 1878.

fig. 1

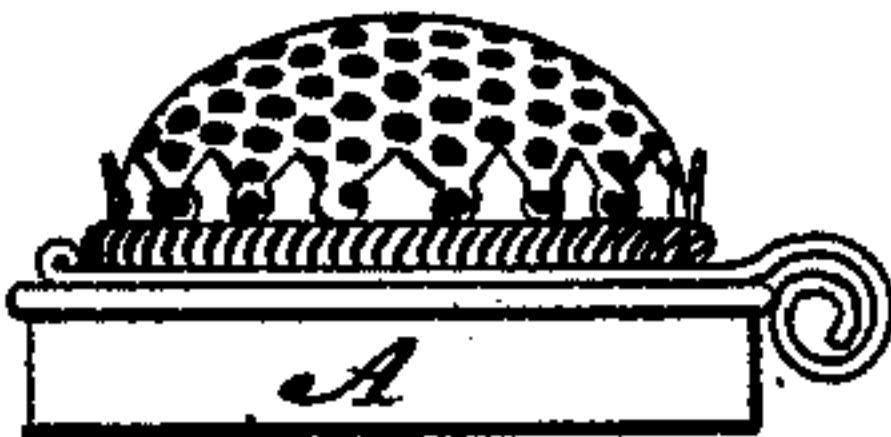


fig. 2

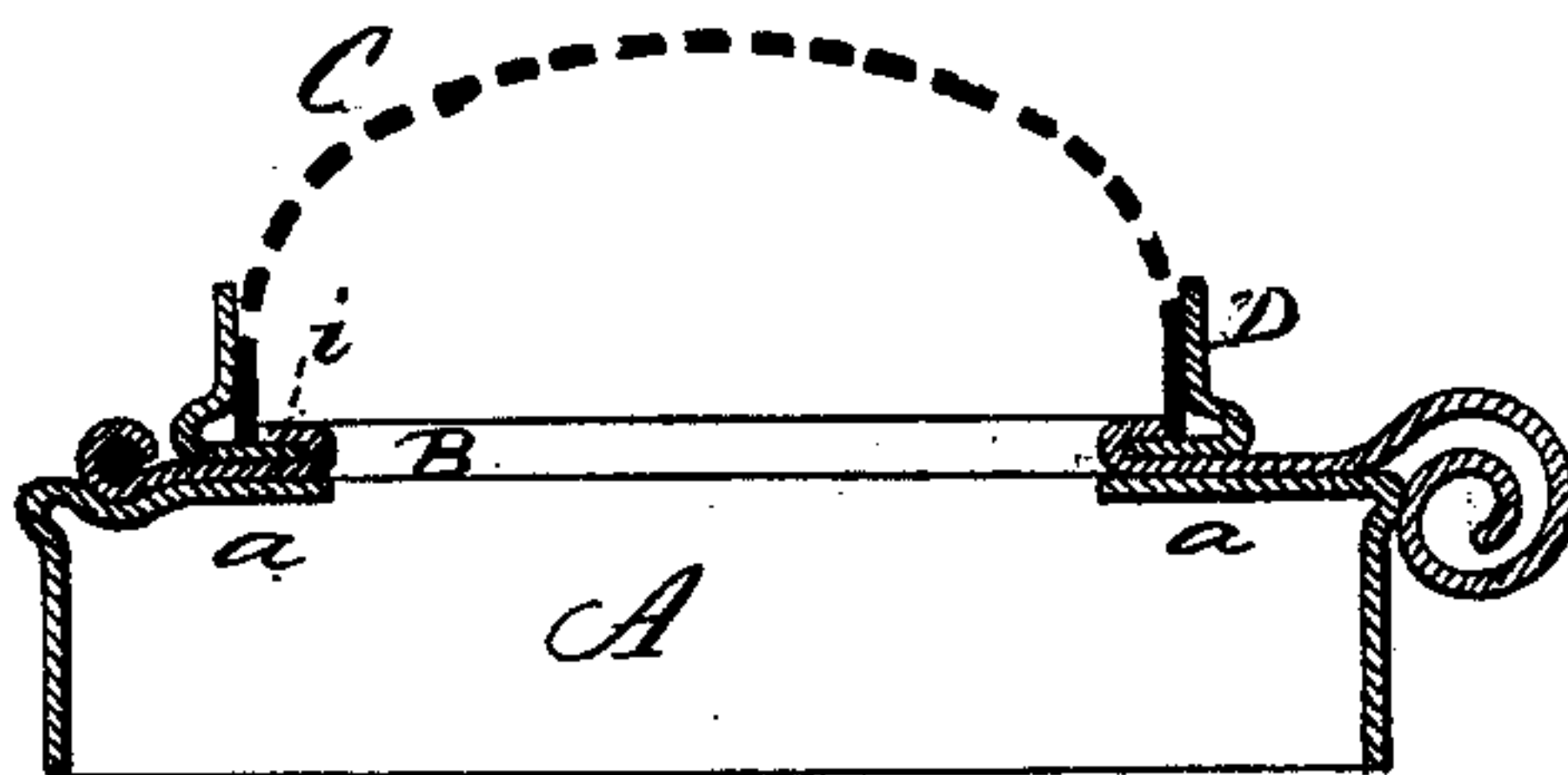


fig. 3

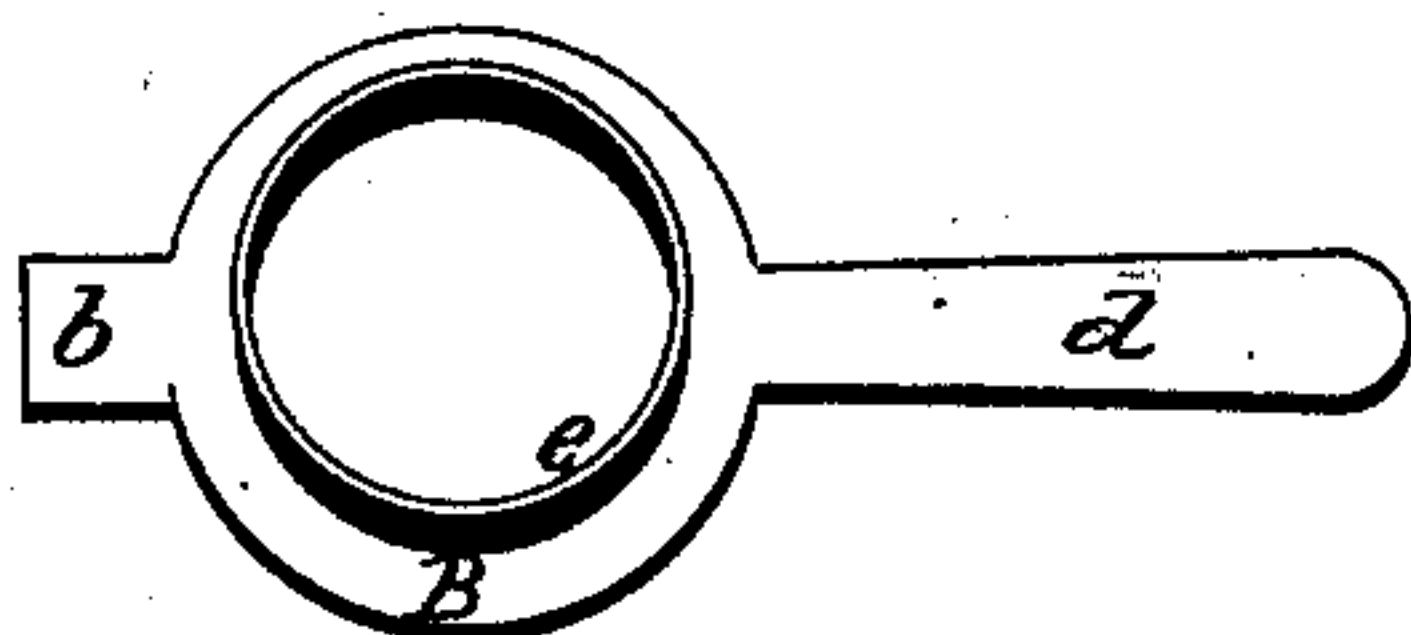
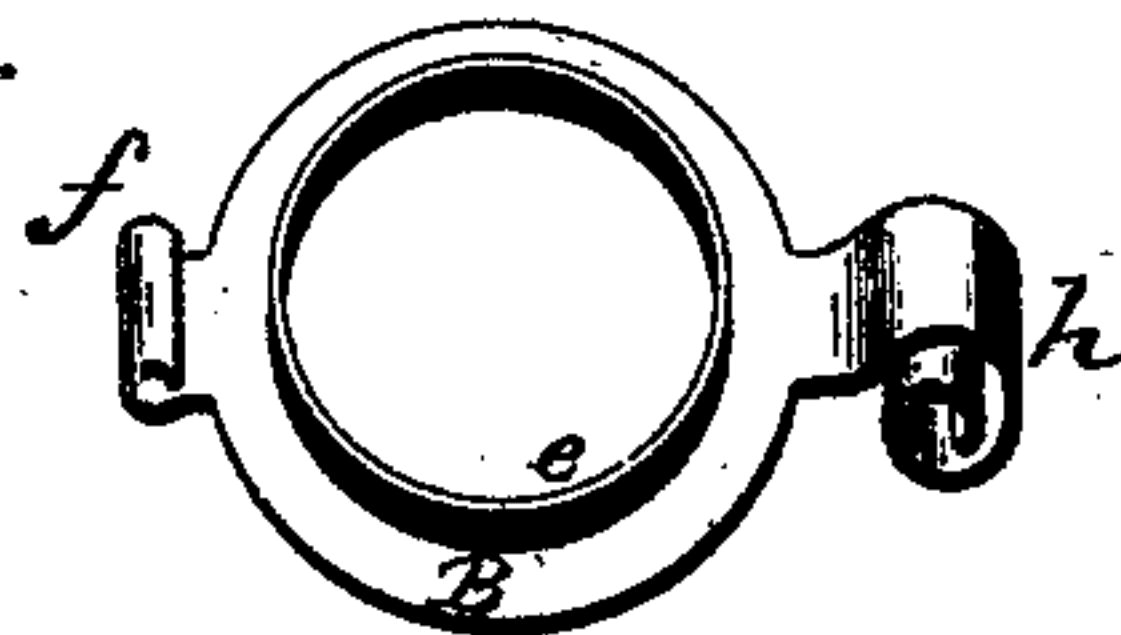


fig. 4



Witnesses

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# UNITED STATES PATENT OFFICE.

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## IMPROVEMENT IN PIPE-COVERS.

Specification forming part of Letters Patent No. **205,888**, dated July 9, 1878; application filed March 4, 1878.

*To all whom it may concern:*

Be it known that I, CHAS. M. MITCHELL, of Waterbury, in the county of New Haven and State of Connecticut, have invented a new Improvement in Pipe-Covers; 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 same, and which said drawings constitute part of this specification, and represent, in—

Figure 1, side view; Fig. 2, vertical section, enlarged; Figs. 3 and 4, detached views.

This invention relates to an improvement in metallic tops for smoking-pipes.

These tops consist of a band to be attached to the mouth of the pipe-bowl, and a perforated cap hinged to said band, with device for securing the cap in its closed condition.

As usually constructed the hinge and securing-clasp have been made separate from and attached to the cap by solder, which frequently becomes so far softened by the heat as to detach those parts, or they are easily broken off.

The object of this invention is to overcome this difficulty; and it consists in the cap as constructed as hereinafter described, and more particularly recited in the claim.

A represents the metallic band, constructed to fit the bowl of the pipe, and with a flange, *a*, extending inward over the edge of the bowl; B, the rim of the cap. (Shown detached in Fig. 4.) This rim is constructed first as shown in Fig. 3, cut from sheet metal, with a projec-

tion, *b*, from one side, and a longer projection, *d*, on the opposite side, and an upwardly-projecting flange, *e*, around the inside. The projection *b* is bent into tubular form, as seen at *f*, Fig. 4, to form one of the knuckles of the hinge, and the projection *d* coiled loosely, as seen at *h*, Fig. 4, to form the clasp, thus making the rim, hinge, and clasp in one and the same piece.

The perforated cap C sets within a ring, D, the ring constructed with an inwardly-projecting flange, *i*. This ring is first set over the flange *e* on the rim, and the flange *e* struck down upon the flange *i* of the ring, as seen in Fig. 2.

The knuckle *f* is secured to the stationary knuckles on the band by a pintle, in the usual manner, and the clasp *h* engages a projection on the band when the cap is closed, also in the usual manner. Thus the whole cap is completed without solder, at less expense, and more durable than the usual construction.

I claim—

The herein-described smoking-pipe cover, consisting of the combination of the band A, the rim B, hinged to the band A, and having one part of the hinge and the clasp as a part thereof, the ring D, and perforated cap C, substantially as described.

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Witnesses:

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