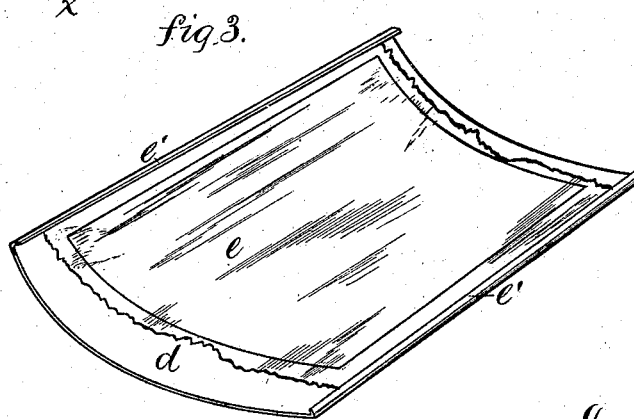
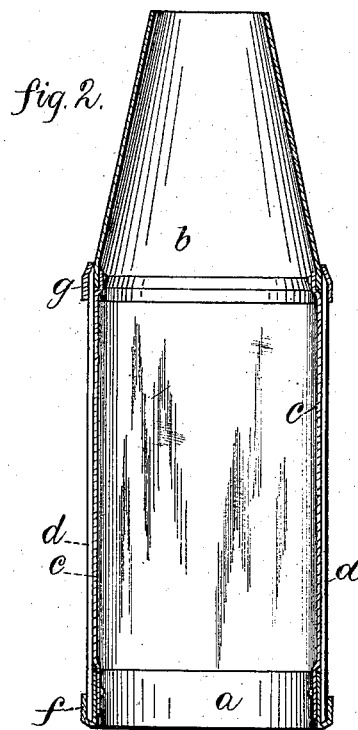
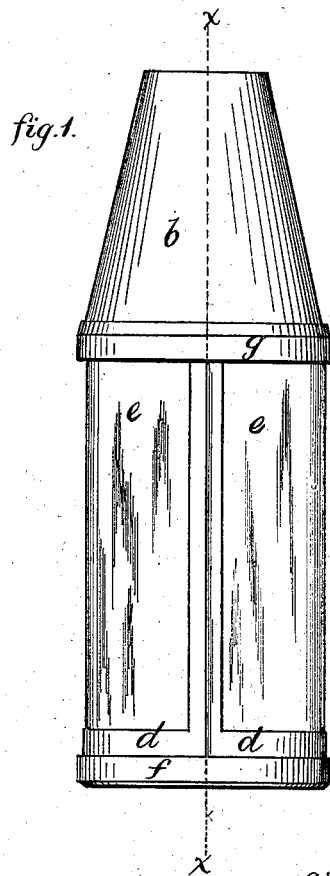


C. E. KELLOGG.
Lamp-Chimney.

No. 217,290.

Patented July 8, 1879.



Witnesses:
Robt. B. Gaylord
Lewis Sperry

Inventor:
Chas. E. Kellogg
By W. E. Simonds
Atty.

UNITED STATES PATENT OFFICE.

CHARLES E. KELLOGG, OF ELMWOOD, CONNECTICUT.

IMPROVEMENT IN LAMP-CHIMNEYS.

Specification forming part of Letters Patent No. **217,290**, dated July 8, 1879; application filed March 7, 1879.

To all whom it may concern:

Be it known that I, CHARLES E. KELLOGG, of Elmwood, in the county of Hartford and State of Connecticut, have invented certain new and useful Improvements pertaining to Lamp-Chimneys, of which the following is a specification, reference being had to the accompanying drawings, where—

Figure 1 is a side view of a lamp-chimney constructed in accordance with my invention. Fig. 2 is a view of the same in central vertical section on the plane *x x*. Fig. 3 is a view of one of the removable frames, containing its mica, before attachment to the foundation-frame.

The distinguishing feature of this invention is the securing of the mica plates between the main or foundation frame of the chimney and other removable frames.

The letter *a* denotes the base-ring; *b*, the cap, and *c c* the connecting-posts, all preferably of metal, forming what I will call the "foundation-frame" of my chimney. The letters *d d* denote two similar removable frames, designed to have the mica plates *e e* fitted to them, the side edges being furnished with the flanges *e' e'* for that purpose, and then secured to the foundation-frame in a manner which will permit their subsequent removal.

The method which I prefer is shown in the accompanying drawings.

The base-ring *a* is provided with the return flange-ring *f*, which holds the removable frames *d d* to the foundation-frame at the foot. The letter *g* denotes a removable ring, which can be slipped over the top of the removable frames, to hold them to the foundation-frame at the upper end.

In assembling the parts the mica is first fitted to the removable frames, which are then held to the foundation-frame and slipped at the

foot inside the ring *f*. The ring *g* is then slipped over the top of the removable frames.

It is obvious that the ring *f* at the foot can readily be made and used as a removable ring, and there are other and equivalent means for holding the removable frames to the foundation-frame. It is feasible to hold the removable frames to the foundation-frame by small malleable clips passing through the removable frames and the foundation-frame. Small devices in the nature of latches may be used. The rings may be in parts, hinged to the foundation-frame at one end, and fastened by clip or latch at the other end. Nor is the exact form and shape of the foundation-frame or of the removable frame or frames essential. These may be varied without departing from the main idea or principle of the invention.

On the other hand my invention does not consist in, and does not include, a structure where the mica plates are bound with metal at the edges and then slipped into grooves in the posts of the main frame.

It is an essential feature and characteristic of my invention that the removable frames are laid upon the exterior of the foundation-frame, and then secured thereto by rings or clips or the like, so that the mica plates are between the removable and the foundation frames.

I claim as my invention—

The foundation-frame *a b c*, the removable frames *d d*, laid upon the exterior of the foundation-frame, the mica plates secured between the two frames, and the rings *f g*, all combined for operation and use substantially as described.

CHAS. E. KELLOGG.

Witnesses:

W. E. SIMONDS,
R. F. GAYLORD.