F. LICHTENFELS.

Chimney-Cap.

No. 197,150. Patented Nov. 13, 1877.

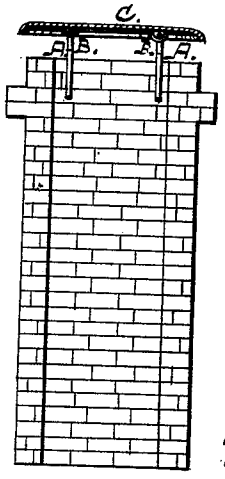


Fig. 1.

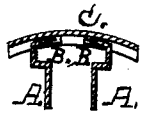


Fig. 2

Witness
Horace Harris
Robert Lichtenfels

Inventor
Friedrich Lichtenfels

N. PETERS, PHOTO-LITHOGRAPHER, WASHINGTON, D. C.

UNITED STATES PATENT OFFICE.

FRIEDRICH LICHTENFELS, OF NEWARK, NEW JERSEY.

IMPROVEMENT IN CHIMNEY-CAPS.

Specification forming part of Letters Patent No. **197,150**, dated November 13, 1877; application filed July 19, 1877.

To all whom it may concern:

Be it known that I, FRIEDRICH LICHTENFELS, of Newark, in the county of Essex and State of New Jersey, have invented a new and useful Improvement in Chimney-Caps, which improvement is fully set forth in the accompanying specification and drawing, in which—

Figure 1 is a longitudinal section and a section of a chimney. Fig. 2 is a cross-section.

The object of my invention is to make an improvement on my former Patent No. 183,581, October 24, 1876, for chimney-caps. In that the cap was made adjustable by being "made in sections, and made to telescope," &c.

In my improvement I make the cap whole, and get a measure of adjustability by setting the brackets at different distances from the edge of the cap, according to the size of chimney-flues that are nearly alike; but where there is any considerable difference in the size of the chimney, I will make the caps to suit that difference, making three or four different sizes of caps.

I use the same brackets A, made to slip into the sockets B, secured to the cap C, now made whole; and my improvement consists in making this cap whole, rather than in sections.

What I claim as my invention, and desire to secure by Letters Patent, is—

As a new article of manufacture, the metal chimney-cap C, having the sockets B, in combination with the supports A, substantially as and for the purpose specified.

FRIEDRICH LICHTENFELS.

Witnesses:

HORACE HARRIS,

ROBERT LICHTENFELS.