

F. LICHTENFELS.

CHIMNEY CAPS.

No. 183,581.

Patented Oct. 24, 1876.

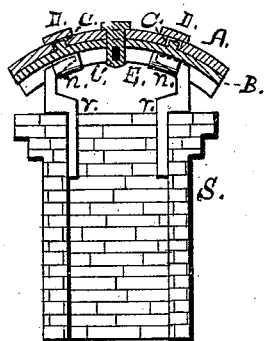


Fig. 2.

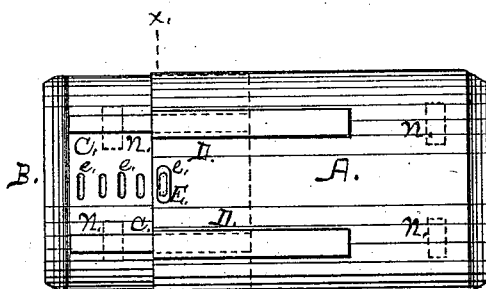


Fig. 1.

Witness
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UNITED STATES PATENT OFFICE.

FREEDRICK LICHTENFELS, OF NEWARK, NEW JERSEY.

IMPROVEMENT IN CHIMNEY-CAPS.

Specification forming part of Letters Patent No. **183,581**, dated October 24, 1876; application filed October 6, 1876.

To all whom it may concern:

Be it known that I, FREEDRICK LICHTENFELS, of Newark, in the county of Essex and State of New Jersey, have invented a certain Improvement in Chimney Tops or Caps, of which the following is a specification:

My invention consists in the employment of certain mechanism in making an adjustable chimney top or cap.

Figure 1 is a plan view. Fig. 2 is a cross-section on the line *x x*.

My cap is usually made of sheet metal, but may be made of cast-iron, if preferred, and is in two sections, A and B. The latter is made with ribs C, fitted to slide in the grooves D on the under side of the section A, adjusting the cap to chimneys of different width. These ribs and grooves also assist to stiffen the sections. These sections are locked together by a bolt, E, put through the holes *e* of the two, and held in place by a key, *i*. Some other equivalent or well-known devices may be employed for holding the two together. On the under side of the sections are secured, to each section, two sockets, *n*, just so far from the

outside that the bracket-supports *v*, fitted into them, will have their lower ends to extend down into the top of the chimney S sufficiently close to hold the cap in position by the friction of the pressure against the insides of the chimney.

The supports may be made fast in the sockets, or they may be left loose.

The whole makes a cheap and easily-adjusted cap, and is adjusted to the thickness of the chimney by the sockets being put on according to the measure of the chimney, and to the width by the telescoping sections.

I claim—

The metal chimney-cap, constructed in sections A and B, and made to telescope by the ribs C and grooves D, and locked by means of the bolt E and key *i*, and having the bracket-supports *v* fitted to the sockets *n*, substantially as and for the purpose specified.

FREEDRICK LICHTENFELS.

Witnesses:

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