

(No Model.)

P. MELANDER.

CHIMNEY CAP.

No. 355,944.

Patented Jan. 11, 1887.

Fig. 1.

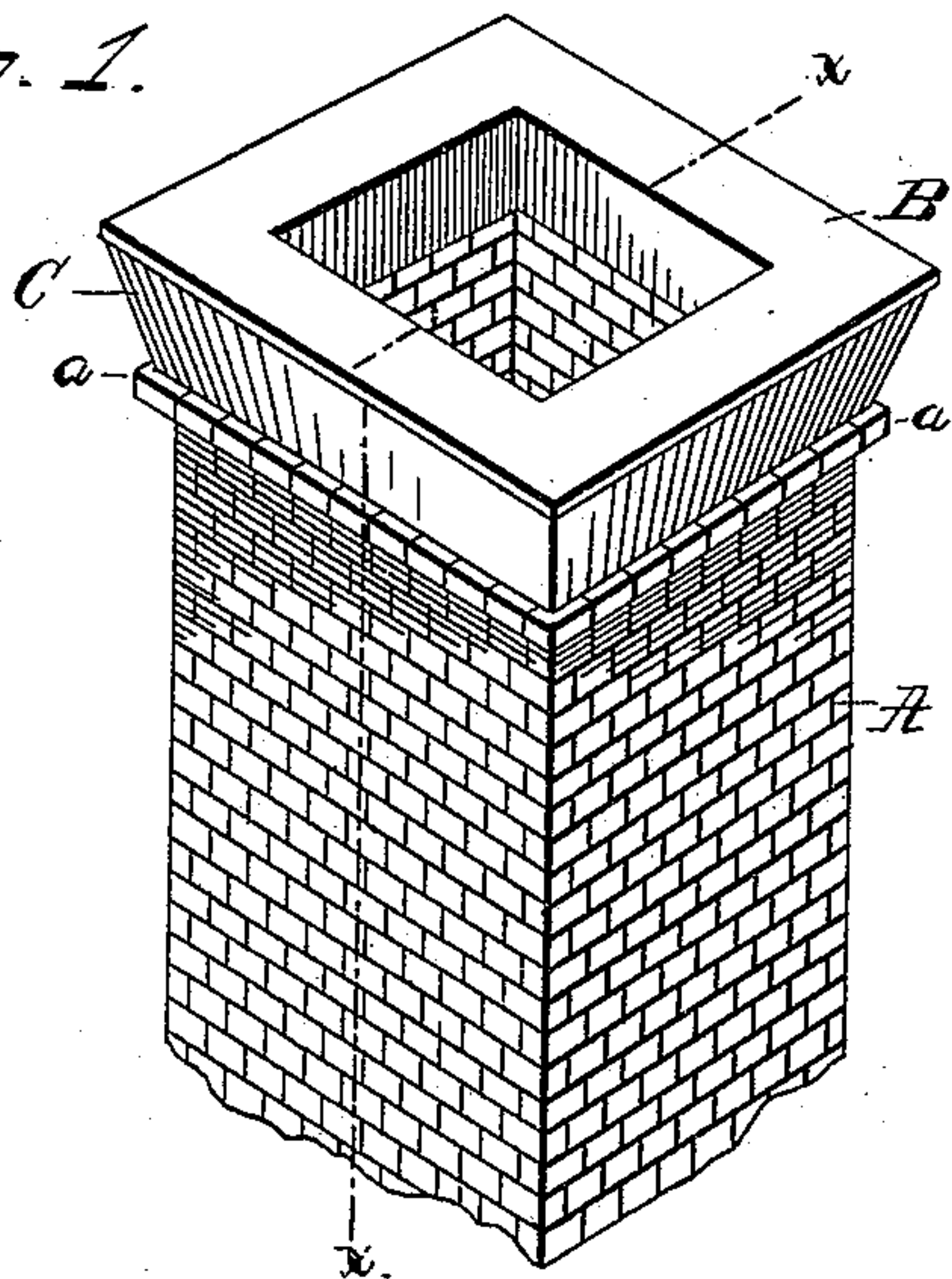


Fig. 3.

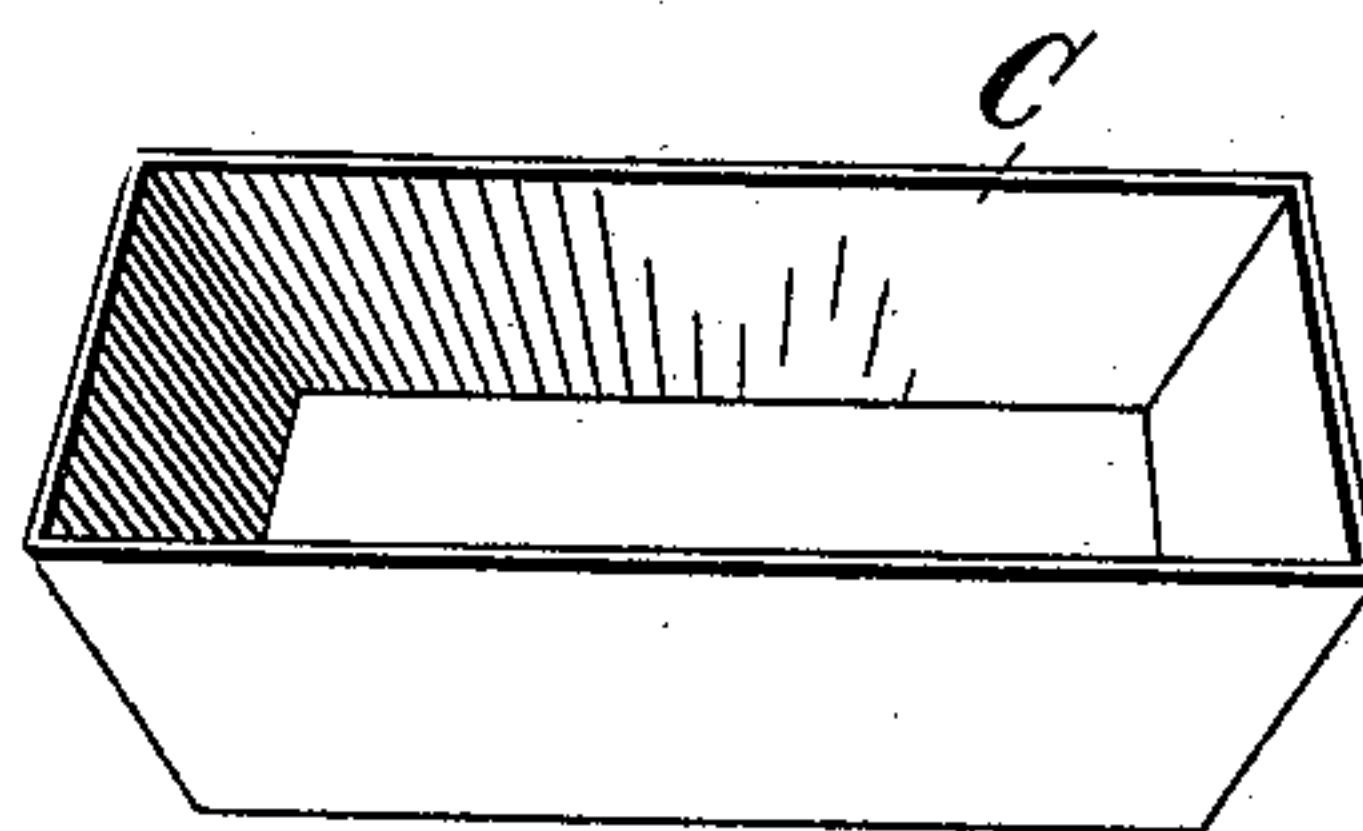


Fig. 2.

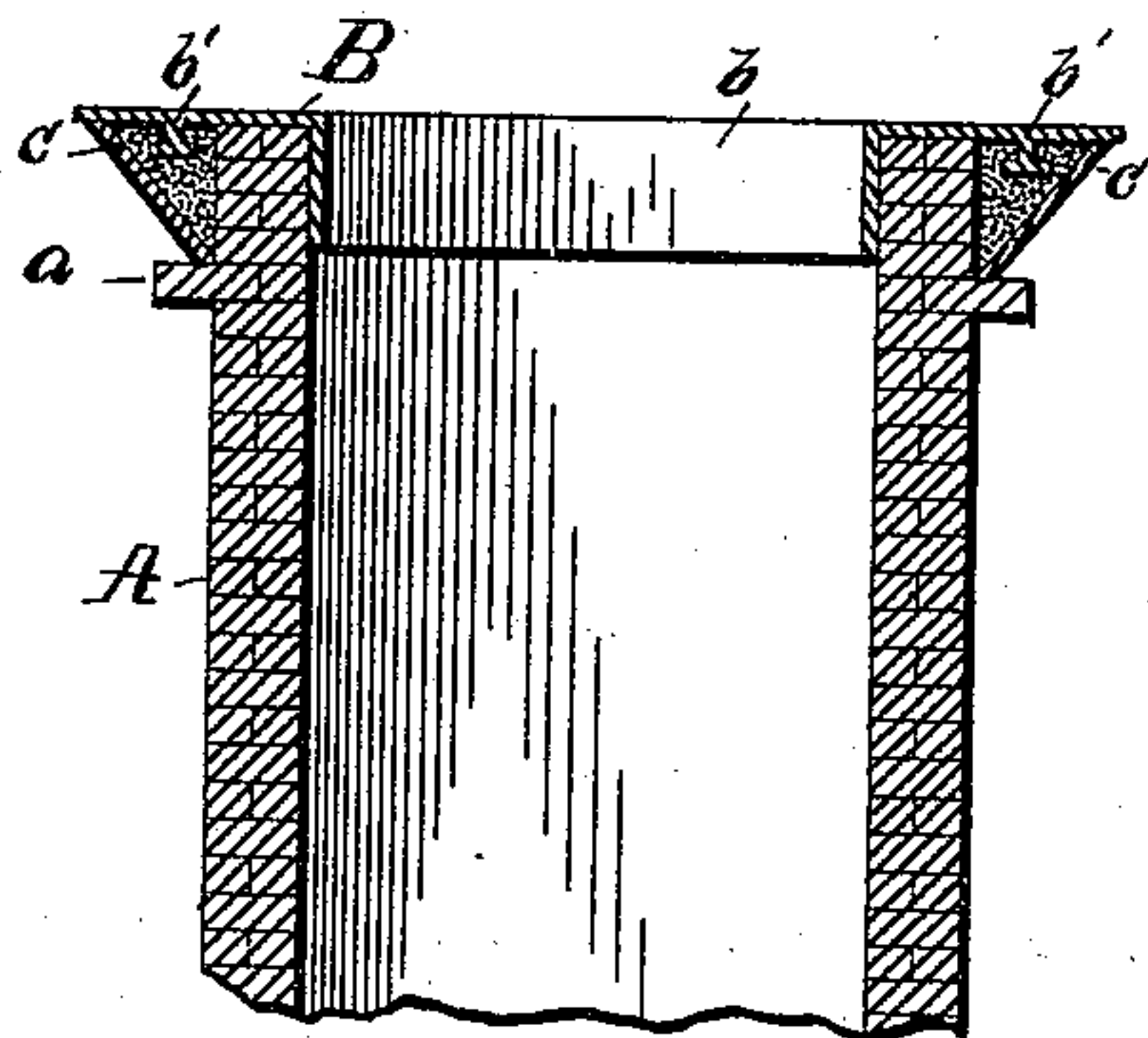
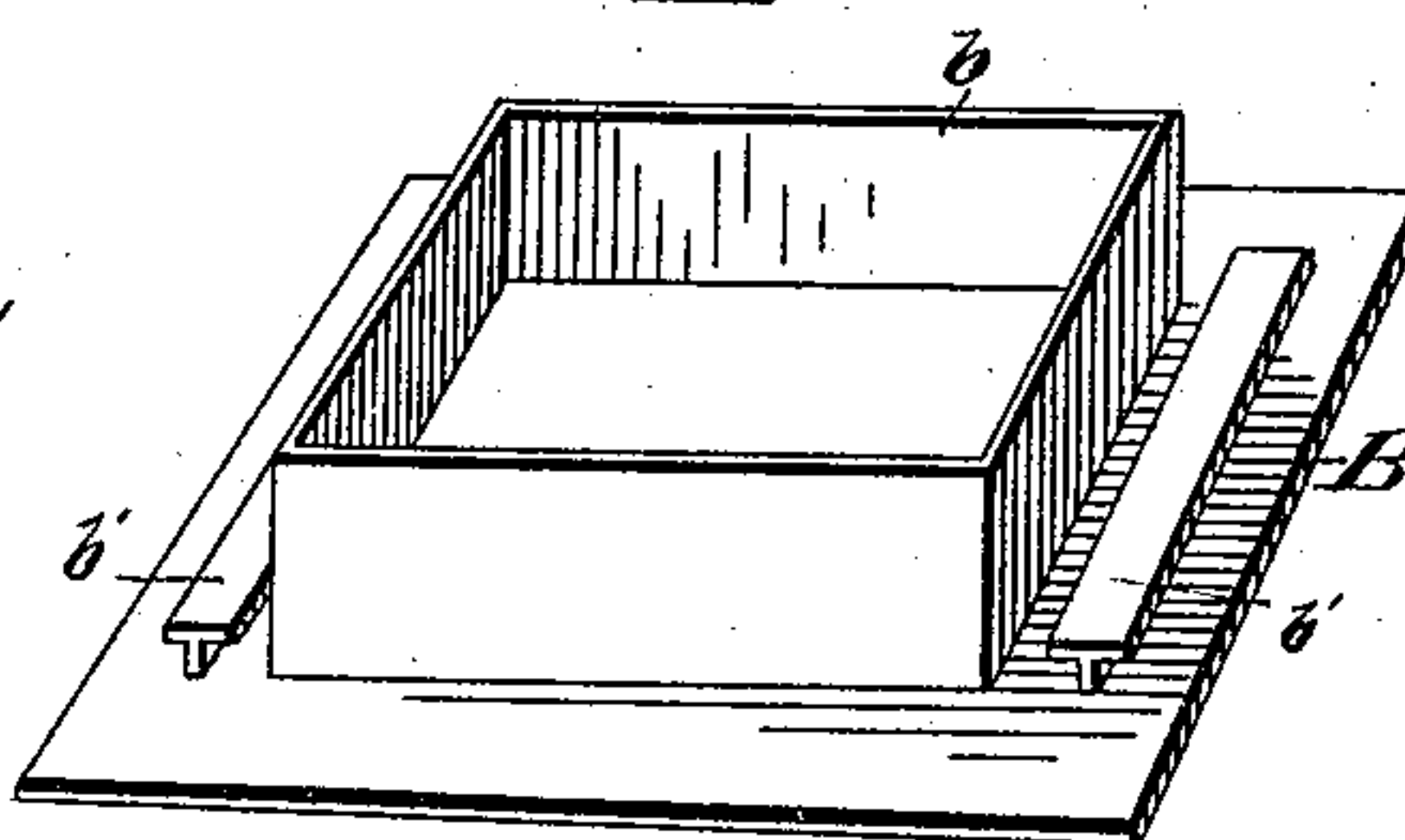


Fig. 4.



Witnesses.
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UNITED STATES PATENT OFFICE.

PERRY MELANDER, OF OTTAWA, KANSAS.

CHIMNEY-CAP.

SPECIFICATION forming part of Letters Patent No. 355,944, dated January 11, 1887.

Application filed November 30, 1886. Serial No. 220,298. (No model.)

To all whom it may concern:

Be it known that I, PERRY MELANDER, a citizen of the United States, residing at Ottawa, in the county of Franklin and State of Kansas, have invented certain new and useful Improvements in Chimney Tops or Caps; and I do declare the following to be a full, clear, and exact description of the invention, such as will enable others skilled in the art to which it appertains to make and use the same, reference being had to the accompanying drawings, and to the letters and figures of reference marked thereon, which form a part of this specification.

This invention relates to chimney-top protectors, and has for its object the construction of a simple and efficient device for preventing the top bricks of chimneys from falling onto the roof—probably resulting in loss to property and injury to passers-by—or within the chimney and stopping the draft of the same.

The improvement consists in a flaring band encircling the chimney, leaving a space between it (the band) and the chimney, and a cap provided with depending flanges fitting the interior of the chimney and having locking projections extending into said space, which is filled with a plastic material.

The improvement further consists in the novel features hereinafter more fully described, claimed, and shown in the annexed drawings, in which—

Figure 1 is a perspective view of a chimney-top having my protector in position; Fig. 2, a longitudinal central sectional view on the line *xx* of Fig. 1; Fig. 3, a perspective view of the band, and Fig. 4 a perspective view of the cap.

The chimney A, which is of ordinary construction and shape in cross-section, has a projecting shoulder, *a*, near its top. The band C, encircling the upper portion of the chimney and resting upon the shoulder, which prevents its slipping down, flares outwardly and upwardly, leaving a space between the band and the sides of the chimney, which space is designed to be filled with a suitable plastic material, such as mortar and cement. The top of the band terminates about on a level with the top of the chimney.

The cap B rests on top the chimney and extends across the space between the sides of the chimney and the band, beyond the sides of the band, so as to exclude wet, snow, ice, &c. The central portion is open, and flanges *b*, depending from the cap, fit close against the inner walls of the chimney. The locking projections *b'*, secured to the cap, extend into the space between the band C and the sides of the chimney, and, being embedded in the plastic material placed in said space, hold the band and cap in place.

The locking projections may be of any desired shape, and may be continuous or made up of a series of independent parts set side by side or spaced apart. The preferable form is a T-shaped rail projection, which extends nearly the whole length of the side of the chimney. The head portion is set down and is embedded in the mortar.

The parts C and B may be made of cast or sheet metal or of potters' clay. The latter is preferred, as the device can be cheaply constructed, and the locking projections and flanges will form an integral part of the cap. Having thus described my invention, what I claim, and desire to secure by Letters Patent, is—

1. The herein-described means for protecting chimney-tops, consisting of the flaring band embracing the chimney, forming a space between it and the chimney adapted to receive a cementing medium, and the cap having locking projections extended into said space, substantially as and for the purpose described.

2. The herein-described means for protecting chimney-tops, comprising the exterior flaring band and the top plate having depending flanges adapted to fit the interior of the chimney, and locking projections, as and for the purpose described.

In testimony whereof I affix my signature in presence of two witnesses.

PERRY MELANDER.

Witnesses:

JOHN P. HARRIS,
W. B. KILER.