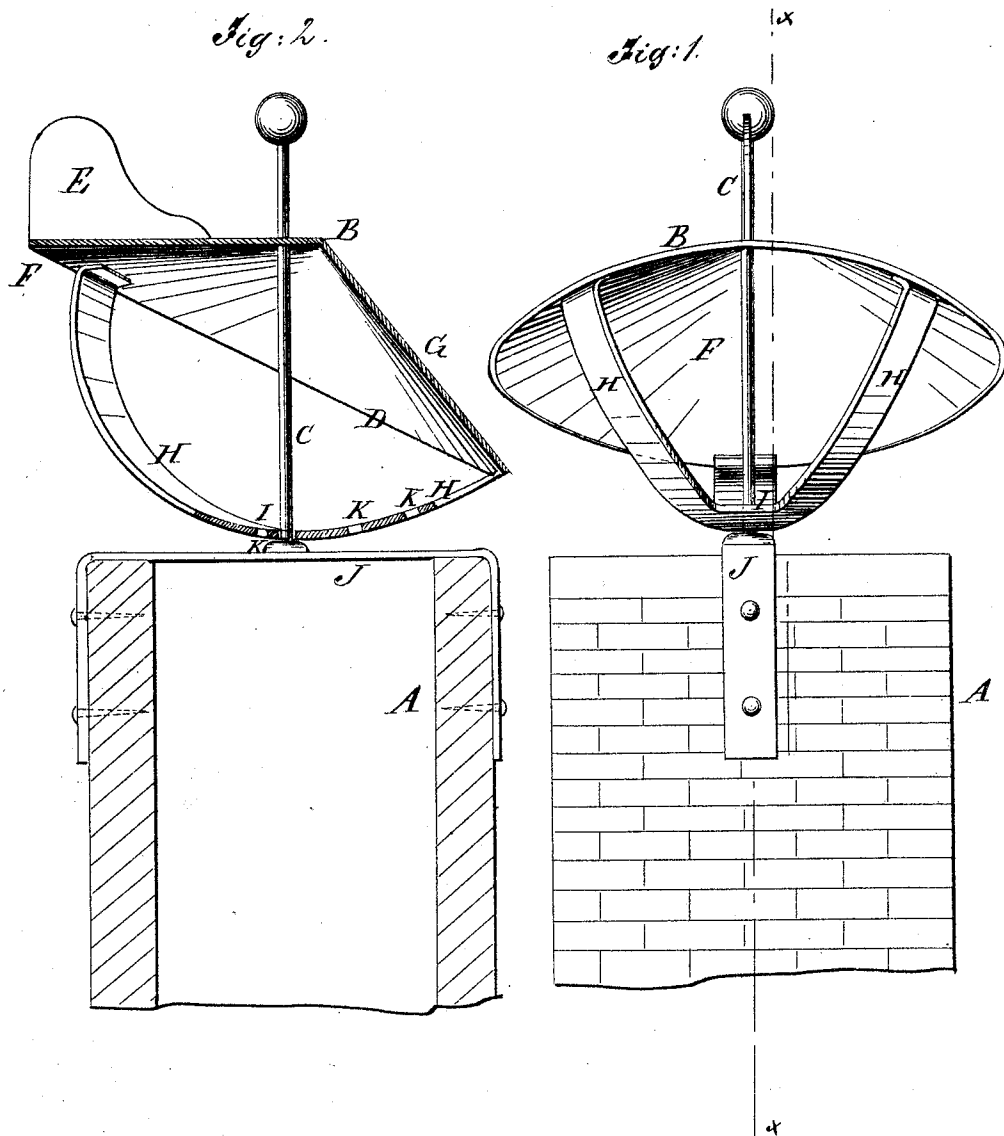


W. H. CONNOR.
Chimney-Tops.

No. 151,759.

Patented June 9, 1874.



WITNESSES:

Chas. N. ...
Chidgwick

INVENTOR:

W. H. Connor

BY

Munroe

ATTORNEYS.

UNITED STATES PATENT OFFICE.

WILLIAM HERVEY CONNOR, OF MUSCATINE, IOWA.

IMPROVEMENT IN CHIMNEY-TOPS.

Specification forming part of Letters Patent No. **151,759**, dated June 9, 1874; application filed April 18, 1874

To all whom it may concern:

Be it known that I, WILLIAM HERVEY CONNOR, of Muscatine, in the county of Muscatine and State of Iowa, have invented a new and useful Improvement in Chimney-Tops, of which the following is a specification:

The invention will first be fully described, and then pointed out in the claim.

In the accompanying drawing, Figure 1 is an elevation, showing the open or leeward side of the cap over the chimney. Fig. 2 is a vertical section of Fig. 1, taken on the line *x x*.

Similar letters of reference indicate corresponding parts.

A represents the chimney or flue. B is the cap. In this example of my invention the cap is in pyramidal form, arranged on the vertical spindle C, with its base D at an angle of forty-five degrees, (more or less.) E is the vane, which is attached to the upper and leeward side F, while the windward side G always presents an inclined surface to give the current of air an upward direction, and leave more or less of vacuum on the leeward side, which consequently increases the upward draft. The cap is supported on the spindle by the curved arms H, three (more or less) radiating from a

common center, I, and each attached to the base of the cap. One of these arms is perforated with holes K, which allow the cap to be adjusted on the spindle to vary the inclination, as may be found necessary. The vertical spindle C is supported by a bar, J, across the top of the chimney, the ends of the bar being bent down and fastened to the outside of the chimney, as seen in the drawing. This cap may be made in any manner suitable for the purpose, so as to cover the openings of the chimney or flue, and turn freely on an upright spindle guided by a vane to present its open side to leeward and present its opposite inclined side to the wind, substantially as shown in the drawing.

Having thus described my invention, I claim as new and desire to secure by Letters Patent—

A conical current-guiding chimney-cap, on which is placed the vane, provided with arc-strap H, perforated at several points, I K, to allow the obliquity of said cap to be changed, according to the draft required.

WILLIAM HERVEY CONNOR.

Witnesses:

D. M. LAMBERT,
FRANK THURSTON.